vEKtor consultants

t: +1.347.871.0750 info@vektorconsultants.com
f: +1.347.402.7735 www.vektorconsultants.com

REMEDIAL INVESTIGATION REPORT

Site Name: Former Refron Inc. Gas Reclamation Site

Site Address: 32-10 38th Avenue, 38-18 33rd Street, and 32-20 38th Avenue
Queens, New York 11101

BCP Site Number: C241285

Report Date: April 2026

Prepared For:

38-18 33rd Street LLC and 32-20 38th Avenue LLC
c/o Cavu Property Group
2233 Nostrand Avenue
Brooklyn, New York 11210

Prepared By:

Vektor Consultants, LLC
555 8th Avenue, Suite 2302
New York, New York 10018
t: (347) 871-0750 – f: (347) 402-7735

REMEDIAL INVESTIGATION REPORT

LIST OF ACRONYMS v
CERTIFICATION vii
1.0 INTRODUCTION 1
2.0 SITE BACKGROUND 2
2.1 Site Location and Current Usage 2
2.2 Description of Surrounding Property 3
2.3 Geology and Hydrogeology 4
2.4 Redevelopment Plans 5
3.0 SITE HISTORY 6
3.1 Past Uses and Ownership 6
3.2 Previous Investigations 6
4.0 REMEDIAL INVESTIGATION ACTIVITIES 16
4.1 Geophysical Investigation 16
4.2 Soil Investigation 17
4.2.1 Soil Investigation (Lots 5 and 16) 17
4.2.2 Soil Investigation (Lot 12) 18
4.3 Groundwater Investigation 20
4.3.1 Groundwater Investigation (Lots 5 and 16) 20
4.2.2 Groundwater Investigation (Lot 12) 21
4.4 Soil Vapor Investigation 22
4.4.1 Soil Vapor Investigation (Lots 5 and 16) 22
4.4.2 Soil Vapor Investigation (Lot 12) 23
4.5 Quality Assurance / Quality Control Sampling 24
4.6 Reporting 26
4.7 Community Air Monitoring Program 26
4.8 Data Validation 26
4.9 Investigation Derived Waste 27
5.0 REMEDIAL INVESTIGATION RESULTS 28
5.1 Fish and Wildlife Remedial Impact Analysis 28
5.2 Geological and Hydrogeological Conditions 28
5.2.1 Stratigraphy 28
5.2.2 Hydrogeology 28

5.3 Geophysical Investigation Findings 29
5.4 Soil Results 29
5.4.1 Soil Chemistry 29
5.5 Groundwater Results 33
5.5.1 Groundwater Chemistry 33
5.6 Soil Vapor Results 38
5.6.1 Soil Vapor Results 39
5.7 Data Usability Summary 40
5.8 Green Remediation and Sustainability 43
5.8.1 GSR Objectives 43
5.8.2 RI Phase Sustainability Measures 43
5.8.3 Environmental Footprint Analysis 44
6.0 CONCEPTUAL SITE MODEL 45
6.1 Site Contaminants 45
6.1.1 SVOCs (PAHs) and Metal Impacts in Soil 45
6.1.2 CVOCs in Soil, Groundwater and Soil Vapor 46
6.1.3 Metals in Groundwater 46
6.1.4 PFAS Compounds in Groundwater 47
7.0 QUALITATIVE EXPOSURE ASSESSMENT 48
7.1 Contaminant Sources 48
7.2 Current Conditions 49
7.3 Exposure Route 49
7.4 Potential Sensitive Receptors 49
7.5 Potential Exposure Pathways 50
7.6 Exposure Assessment Conclusions and Recommendations 51
8.0 DEVIATIONS 52
9.0 CONCLUSIONS AND RECOMMENDATIONS 53
10.0 REFERENCES 55

FIGURES

Figure 1: Site Location Map
Figure 2: Site Boundary Map and Surrounding Land Use
Figure 3: Site Plan
Figure 4: Sampling Plan
Figure 5: Groundwater Contour Map
Figure 6: Soil Exceedances Map
Figure 7: Groundwater Exceedances Map
Figure 8: Soil Vapor Analytical Results
Figure 9: Subsurface Cross Section N-S
Figure 10: Subsurface Cross Section E-W

TABLES

Table 1: Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points
Table 2: Soil Vapor Sampling Log
Table 3: Volatile Organic Compounds (VOCs) in Soil
Table 4: Semi-volatile Organic Compounds (SVOCs) in Soil
Table 5: Pesticides in Soil
Table 6: Polychlorinated Biphenyls (PCBs) in Soil
Table 7: Target Analyte List (TAL) Metals in Soil
Table 8: Per- and Polyfluoroalkyl Substances (PFAS) in Soil
Table 9: VOCs in Groundwater
Table 10: SVOCs in Groundwater
Table 11: Pesticides in Groundwater
Table 12: PCBs in Groundwater
Table 13: TAL Metals in Groundwater
Table 14: PFAS in Groundwater
Table 15: VOCs in Soil Vapor and Outdoor Air

APPENDICES

Appendix A: Prior Environmental Reports

Appendix B: Geophysical Report

Appendix C: Soil Boring Logs

Appendix D: Monitoring Well Construction Logs

Appendix E: Low Flow Sampling Logs and Monitoring Well Surveys

Appendix F: Daily Reports and Community Air Monitoring Program (CAMP) Results

Appendix G: Laboratory Data Deliverables and Data Usability Summary for Soil Analytical Data

Appendix H: Laboratory Data Deliverables and Data Usability Summary for Groundwater Analytical Data

Appendix I: Laboratory Data Deliverables and Data Usability Summary for Soil Vapor Analytical Data

Appendix J: Spreadsheets for Environmental Footprint Analysis (SEFA), USEPA

LIST OF ACRONYMS

AOC	Area of Concern
AWQS	Ambient Water Quality Standards
AGV	Air Guidance Value
ASP	Analytical Services Protocol
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BGS	Below Grade Surface
CAMP	Community Air Monitoring Program
COC	Chain of Custody
CPP	Citizen Participation Program
CSM	Conceptual Site Model
CVOC	Chlorinated Volatile Organic Compounds
DER-10	Department of Remediation Technical Guidance
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
GPS	Global Positioning System
GPR	Ground Penetrating Radar
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measures
MCL	Maximum Contaminant Limit
MDL	Method Detection Limit
mg/kg	Milligrams per Kilogram
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NAPL	Non-aqueous Phase Liquid
ng/L	Nanograms per Liter
NYCRR	New York Codes Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OSHA	Occupational Safety and Health Administration
PAH	Polycyclic Aromatic Hydrocarbon

PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethylene
PFAS	Per- and Polyfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PID	Photo Ionization Detector
PPB	Parts per Billion
PPM	Parts per Million
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/ Quality Control
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RL	Reporting Limit
RRSCO	Restricted Residential Use Soil Cleanup Objective
SCG	Standards, Criteria and Guidance
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SVOC	Semi-volatile Organic Compound
TAL	Target Analyte List
TCL	Target Compounds List
TCLP	Toxicity Characteristic Leaching Procedure
TOGS	Technical and Operational Guidance Series
µg/L	Micrograms per Liter
$\mu g/m^3$	Micrograms per Cubic Meter
USGS	United States Geological Survey
UST	Underground Storage Tank
UUSCOs	Unrestricted Use Soil Cleanup Objectives
VOC	Volatile Organic Compound

CERTIFICATION

I, Hilmi U. Aydin, certify that I am currently a Qualified Environmental Professional as defined in 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 and that this Remedial Investigation Report as prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10) and Green Remediation (DER-31) and that all activities were performed in accordance with the DER-approved work plans and any DER-approved modifications.

Hilmi U. Aydin, QEP
Principal Engineer

1.0 INTRODUCTION

This Remedial Investigation Report (RIR) was prepared on behalf of 38-18 33rd Street LLC and 32-20 38th Avenue LLC (the Applicant) for the Former Refron Inc. Gas Reclamation Site, located at 38-18 33rd Street and 32-20 38th Avenue in the Long Island City section of Queens County, New York (the Site). The Applicant is enrolled in the New York State Brownfield Cleanup Program (BCP). A Brownfield Cleanup Agreement (BCA) was executed by the New York State Department of Environmental Conservation (NYSDEC) on March 11, 2025 (Site No. C241285), with the Applicant classified as a Volunteer. A BCA Amendment was then submitted to the NYSDEC on January 22, 2026, to add a tax parcel (Tax Block: 381, Lot 12) at 32-10 38th Avenue to the BCP Site, and the Amendment was approved on March 20, 2026.

The remedial investigation (RI) described in this document is consistent with the Remedial Investigation Work Plan (RIWP) dated March 2025 and approved by NYSDEC in a letter dated April 10, 2025. The purpose of the RI was to collect data of sufficient quality and quantity to characterize the nature and extent of contamination associated with historic operations and identify the source area for chlorinated solvent contamination at the Site, to complete a qualitative exposure assessment for occupants of the Site and the surrounding community, and to evaluate alternatives to remediate the contamination.

This Remedial Investigation Report (RIR) provides the data and findings of the RI conducted at the Site between May 2, 2025 and June 9, 2025, as well as the investigations conducted on Lot 12 between November 13, 2025 and February 4, 2026. The RI was conducted in accordance with the NYSDEC Division of Environmental Remediation (DER) Program Policy: Technical Guidance for Site Investigation and Remediation (DER-10), Green Remediation (DER-31), and the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, with revisions (October 2006).

2.0 SITE BACKGROUND

2.1 Site Location and Current Usage

The Site, addressed as 32-10 38th Avenue, 38-18 33rd Street, and 32-20 38th Avenue, is located on the southwest corner of the 38th Avenue and 33rd Street intersection in Queens County, New York between 32nd Street to the west and 33rd Street to the east. The Site consists of three adjacent tax lots totaling approximately 32,031 square feet. The legal description of the Site is New York City Department of Finance Tax Block 381, Lots 5, 12, and 16. Lot 5 is alternately addressed as 38-11 through 38-19 32nd Street, 38-12 through 38-20 33rd Street, and 32-12 through 32-18 38th Avenue. Lot 16 is alternately addressed as 38-02 through 38-10 33rd Street. A Site location map is provided in Figure 1.

Lot 5 of the Site consists of a 26,853 square feet parcel that is currently undeveloped. It was most recently improved with a 30,000-square-foot two-story industrial and manufacturing building with a partial cellar in the northern portion. A concrete paved parking lot is located to the north of the former two-story building and contains a stormwater drain by the metal roll-up door entrance. Two floor drains are present in the former utility room. The partial cellar and ground floor slab remains in place after the partial demolition. Small utility manhole covers for municipal gas, sewer, and electric utilities are located along the sidewalk on 33rd Street.

Lot 12 of the Site consists of a 2,284 square foot parcel that is currently improved with a 2-story residential building with a cellar in the northern portion of the parcel and a one-story extension in the southeast portion. The cellar is utilized as storage and boiler room. In addition to the building, a concrete paved yard is located in the southwest portion.

Lot 16 of the Site consists of a 2,895-square-foot parcel that is currently undeveloped. It was most recently improved with a 5,800-square-foot two-story industrial manufacturing building with a partial cellar. The former building on Lot 16 occupied the entirety of the tax parcel with no open spaces. A floor drain is present in the building's boiler room. The partial cellar and ground floor slab remains in place after the partial demolition.

Since January 2024, Lots 5 and 16 have been vacant and not accessed on a regular basis. The buildings were most recently used for warehouse space and temporary parking. Buildings on Lots 5 and 16 underwent demolition between December 2025 and January 2026. The entrance to Lots 5 and 16 is controlled by a NYCDOB-approved construction fence and locked gates. A site plan and surrounding land use is provided in Figure 2. Locations of the drains and utility lines at the Site are provided in Figure 3.

The Site is located within a mixed residential, commercial, industrial, and manufacturing neighborhood of Queens County. The Site is zoned M1-3/R7X, M1-2/R6A, and Special Long Island City (LIC) Mixed Use District, denoting it as a light industrial, mixed residential/commercial, and special LIC Mixed Use district. This zoning allows for light

industrial uses in areas that are adjacent to residential or commercial districts, and promotes the development and expansion, at varying densities, of the longstanding mix of residential, commercial, industrial, and cultural uses found in the four LIC subdistricts.

2.2 Description of Surrounding Property

North	One six-story mixed-use building (32-04 38th Avenue); one three-story transportation and utility building (32-08 38th Avenue); four two-story residential use buildings (32-09 38th Avenue, 32-11 38th Avenue, 32-15 38th Avenue, 32-17 38th Avenue); one two-story parking garage (32-19 38th Avenue)
South	One ten-story mixed-use building (32-03 39th Avenue); a public facility and institution property (38-34 33rd Street)
West	One three-story commercial use building (33-01 Northern Boulevard); parking lot (33rd Street, Tax Block 380, Lot 3); one two-story mixed-use building (33-02 38th Avenue); one six-story residential use building (33-01 38th Avenue)
East	A two-story parking garage (38-24 32nd Street); two two-story residential use buildings (38-18 32nd Street, 38-14 32nd Street); one six-story mixed-use building; one two-story industrial and manufacturing building (31-18 38th Avenue)

The Site is bounded to the north by 38th Avenue, followed by four two-story residential use buildings, a six-story mixed residential and commercial use building, a three-story transportation and utility use building, and a two-story parking use building; to the south by a 10-story mixed residential and commercial use building and a public facility and institution property utilized as an MTA easement; to the east by 33rd Street, followed by a six-story residential use building, three-story commercial use building, two-story mixed residential and commercial use building, and a parking lot; to the west by 32nd Street, followed by a two-story industrial and manufacturing use building, a six-story mixed residential and commercial use building, two two-story residential use buildings, and a two-story parking garage.

The nearest ecological receptor is the Newtown Creek, located approximately 0.8 miles southwest of the Site. Other sensitive receptors, as defined in DER-10, within a half mile of the Site include the following:

1. The New York Foundling Hospital at 33-00 Northern Boulevard
2. Citiview Connection at 33-24 Northern Boulevard
3. Living Positive- Queens at 34-18 Northern Boulevard
4. New York Counseling for Change Clinic at 30-46 Northern Boulevard
5. Queens Children Mobile Crisis team at 30-30 Northern Boulevard
6. Fortune Society OP at 29-76 Northern Boulevard

7. GED Restart- Adolescent Skills II School at 29-46 Northern Boulevard
8. Playhouse NYC Inc-Day Care and Pre-K at 29-22 Northern Boulevard
9. Consumer Officer Health Care at 42-09 28th Street
10. Transition Management Services at 42-09 28th Street CN #48
11. Atlas at 28-01 41st Avenue
12. Academy of American Studies at 40-11 28th Street
13. Growing Up Green Charter School at 39-27 28th Street
14. Windmill Community Garden at 39-22 29th Street
15. Our World Neighborhood MS at 38-27 30th Street
16. Evangel Christian School at 39-21 Crescent Street
17. SCO Family of Services at 38-11 27th Street
18. United Wire Metal and Machine Medical Center at 24-09 38th Avenue
19. P.S. 112 Dutch Kills at 25-05 37th Avenue
20. Dutch Kills Playground at 36-11 28th Street
21. Energy Tach Highschool at 36-41 28th Street
22. P.S. 166 Henry Gradstein at 33-05 35th Avenue
23. Astoria Dialysis Center at 34-01 35th Avenue
24. Baccalaureate School for Global Education at 34-12 36th Avenue
25. A.R.R.O.W. Field House at 35-38 35th Street
26. Frank Sinatra School of the Arts High School at 35-12 35th Avenue
27. Our World Neighborhood Charter at 36-12 35th Avenue

2.3 Geology and Hydrogeology

According to a Site survey conducted by Perfect Point in May 2025, the surface elevation of the Site ranges from approximately 25 feet in the southwestern portion to 37 feet in the central east portion (in reference to North American Vertical Datum 1988). The contour lines in the subject property area indicate the area is sloping gently toward the southeast.

Based on the findings of the RI, a historic urban fill layer extending to approximately 5 feet below the existing Site buildings and a historic urban fill layer extending to approximately 3 feet below the grade surface of Site roadways and open areas were identified beneath the Site. The fill material predominantly consists of fine-grained sand with varying amounts of gravel, concrete, asphalt, glass, fine to coarse-grained sand, weathered rock, and silt. According to the United States Geologic Survey (USGS), the Site is located within the Atlantic Coastal Plain physiographic province, which represents the end or terminal moraines of a glacier and the associated outwash aprons along the moraine. Bedrock was not encountered during the RI, according to the USGS the inferred depth to bedrock at the Site is approximately 95 feet bgs.

The depth to water readings were obtained by utilizing an interface probe during the RI. The average depth of groundwater was observed between approximately 14.5 to 15.5

feet below grade surface (bgs) during the RI or el. 14.68 and 17.36 North American Vertical Datum 1988 (NAVD88) during the RI.

Groundwater flow direction may be impacted by several factors, including surface topography, hydrology, hydrogeology, characteristics of soil, and nearby wells. According to the interpretation of topographic and groundwater contour maps, the inferred groundwater flow direction beneath the Site generally flows from the northwest to the southeast portions of the Site, and in the greater surrounding area of the Site, it flows southwest towards Newtown Creek, located approximately 0.80 miles to the southwest of the Site.

2.4 Redevelopment Plans

The proposed redevelopment includes the completion of the demolition of the current Site buildings and construction of three new mixed-use buildings with commercial use on the ground floor and residential uses on the floors above. The new buildings are planned to include approximately 20% affordable housing units. Two of the buildings were partially demolished between December 2025 and January 2026.

3.0 SITE HISTORY

3.1 Past Uses and Ownership

Based on the available records, Lot 5 of the Site was developed as early as 1898 with three one-story dwellings. In 1949, it was redeveloped with the current warehouse in the southern portion, which was utilized for pipe cutting on the first floor and office use on the second floor. The northern portion was then developed with three one-story storage buildings. As of 1970, the warehouse on Lot 5 was identified as a plumbing supply warehouse. Sometime between 1980 and 1985, Lot 5 was configured as the most recent layout prior to demolition. As of January 2026, the building on Lot 5 has been demolished.

Lot 12 was developed as early as 1898 with a one-story dwelling with a basement. It was further developed to its current footprint in 1985 with an interconnected multi-story residential structure. The structure remained unchanged through the present day. Currently, the building is used as a multi-story residential building with a concrete-paved rear yard.

Lot 16 was undeveloped as early as 1898. It was developed to its current footprint in 1947 with a two-story structure identified as a Chemical Lab. Former Site uses were identified as a chemical laboratory from 1947 through at least 1950, manufacturing from 1970 to at least 2006, and has a history of operating as a chain manufacturing business, plumbing and heating supplies business, a refrigerant supply business, and an equipment supply business. Potential releases from these former uses could have impacted the subsurface conditions beneath the Site. As of January 2026, the building on Lot 16 has been demolished.

According to the New York City Department of Finance's Automated City Register Information System (ACRIS), the ownership of Lot 5 is vested in 38-18 33rd Street LLC since June 24, 2025, the ownership of Lot 12 is vested in 38-18 33rd Street LLC since March 12, 2026, and the ownership of Lot 16 is vested in 32-20 38th Avenue LLC since June 24, 2025.

3.2 Previous Investigations

The following prior investigations were conducted at the Site:

Phase I Environmental Site Assessment at 32-20 38th Avenue, Queens, New York, by H2M Architects + Engineers, January 2023

- H2M architects + engineers (H2M) prepared this report for Lot 16 on behalf of Venta Industries, LLC, in accordance with ASTM Standard E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment (ESA) Process.
- The following Recognized Environmental Conditions (RECs) were identified during the Phase I:

  - Presence of possibly impacted soil vapor beneath the Site and the potential soil vapor intrusion due to the reported petroleum-related releases, dry cleaning, and auto repair operations in the vicinity of the property.
  - Listing of the property on the NYC E-Designation database. Future development activities at the subject property will require formal environmental investigations, including soil vapor and soil and groundwater sampling, and approvals obtained through the New York City Mayor's Office of Environmental Remediation.
- The following Business Environmental Risks (BERs) were identified during the Phase I ESA:
  - The building's historical uses as a chemical laboratory, a jewelry manufacturing company, and a storage and reclamation of refrigerant gases.
  - The building's floor drains are also reportedly capped due to stormwater runoff causing floods. H2M considered this a BER due to the unknown conditions of the bottom sediments within the floor drains.

Phase I Environmental Site Assessment at 38-18 33rd Street, Queens, New York by H2M Architects + Engineers, January 2023

- H2M prepared this report for Lot 5 on behalf of Vecta Industries, LLC, in accordance with ASTM Standard E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.
- The following RECs were identified during the Phase I:
  - Presence of possibly impacted soil vapor beneath the Site and the potential soil vapor intrusion due to the reported petroleum-related releases, dry cleaning, and auto repair operations in the vicinity of the property.
  - Listing of the property on the NYC E-Designation database. Future development activities at the subject property will require formal environmental investigations, including soil vapor and soil and groundwater sampling, and approvals obtained through the New York City Mayor's Office of Environmental Remediation.
- The following Historical Recognized Environmental Condition (HREC) was identified during the Phase I ESA:
  - Former spill on the property that occurred on March 20, 2019. According to the report, 25 gallons of diesel fuel were released due to a ruptured tank, and a large amount of absorbent was spread out to cover the fuel staining on the street. DEP's Division of Emergency Response and Technical Assessment (DERTA) verified that no underground structures were impacted by the fuel spill, and any remaining fuel was returned to the vehicle's gas tank. All materials regarding the fuel spill were removed from the location, and the

New York City Department of Sanitation (DOS) was contacted for additional clean-up.

- The following BERs were identified during the Phase I ESA:
  - The building's historical uses as storage and reclamation of refrigerant gases.
  - The subject building currently operates with a fuel oil aboveground storage tank in the basement to supply fuel for a backup generator. During the visual inspection of this system, no evidence of leaking or damage was noted. Therefore, the presence of an active fuel oil AST is considered a BER.
  - The building's floor drains are also reportedly capped due to stormwater runoff causing floods. H2M considers this a BER due to the unknown conditions of the bottom sediments within the floor drains.
- The following De Minimis Condition was identified during the Phase I ESA:
  - During the visual site inspection, pools of water were observed on the floor in both boiler rooms. Water was leaking overhead from the pipes in the boiler room located in the basement. No sheens or unusual odors indicative of a fuel oil release were observed.

Phase II Investigation Report at 38-18 33rd Street and 32-20 38th Avenue, Queens, New York by Vektor Consultants, September 2024

- Based on the review of available Phase I ESA Reports summarized above, Vektor recommended a limited Phase II Environmental Site Assessment (Phase II) to evaluate if the former industrial operations have adversely impacted the subsurface conditions beneath the Site prior to the acquisition of the Subject Property.
- A limited Phase II investigation consisting of performance of a geophysical survey, installation and sampling of eight soil borings, installation and sampling of two temporary groundwater monitoring wells, and the installation and sampling of five soil vapor points was conducted at the Site from July 18, 2024 to July 19, 2024. A supplemental investigation consisting of the installation and sampling of three monitoring wells and the installation and sampling of twelve soil vapor points was conducted at the Site from August 7, 2024 to August 8, 2024.
- The subsurface materials were generally described from surface grade to 17 feet below grade as light brown fine-grained sand with varying amounts of fine gravel, concrete, asphalt, glass, fine to medium-grained sand, weathered rock, and silt. From 17 to 25 feet below grade, brown fine sand with varying amounts of fine gravel, silt, and clay is described.
- The geophysical survey did not identify any anomalies or areas of concern indicative of underground storage tanks.
- Eight soil borings were installed, and eight soil samples were collected to be analyzed at the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory for the presence of Part

375 Target Compound List (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (EPA) Method 8260, TCL semi-volatile organic compounds (SVOCs) by EPA Method 8270, and Target Analyte List (TAL) Metals by EPA Method 6000/7000.

- No photoionization detector (PID) readings were detected in the soil samples, except for one soil boring, SB-2, at the 2-4 feet interval and 22-23 feet interval, which were detected at 19.1 and 0.5 parts per million (ppm), respectively.
- Although VOCs, tetrachloroethylene and trichlorofluoromethane were detected above their method detection limits (MDLs), they were below) their respective UUSCOs. No VOCs were detected in the soil samples above their respective NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs).
- Although SVOCs, mainly consisting of PAHs, were detected in soil samples, no SVOCs were detected above their respective NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs).
- One heavy metal, arsenic, was detected in one soil sample at a concentration above its respective Part 375 Restricted Residential Use SCOs.

- Groundwater was encountered at a range of approximately 13.8 to 15.2 feet below grade.
- During the initial investigation in July 2024, two temporary monitoring wells were installed, and two groundwater samples were collected to be analyzed for the presence of TCL VOCs via USEPA Method 8260, TCL SVOCs via USEPA Method 8270, and Target Analyte Metals by EPA Methods 6000/7000. During the supplemental investigation in August 2024, three permanent groundwater monitoring wells were installed, and three groundwater samples were collected to be analyzed for TCL VOCs via USEPA Method 8260.
  - No SVOCs above their respective NYSDEC Class GA Ambient Water Quality Standards (AWQS) were identified in groundwater samples.
  - Chlorinated VOC impacts (PCE, TCE, and trans-1,2-dichloroethylene) were identified in the groundwater, specifically in the western portion of the Site.
- During the initial investigation in July 2024, five soil vapor points were installed to depths between 2.5 feet and 10 feet, and five soil vapor samples were collected. During the supplemental investigation in August 2024, twelve soil vapor points were installed to depths between 10 and 13 feet, and twelve soil vapor samples were collected.
  - Results showed low concentrations of petroleum-related VOCs and elevated concentrations of CVOCs in all soil vapor samples. Furthermore, Freon was detected at elevated concentrations in almost all soil vapor samples. Although Freon does not have a regulatory standard, it was utilized during

the historical operations at the Subject Property, and therefore, the results suggest a release from former uses of the properties.

- Analytical Services Protocols (ASP) Category B laboratory reports for the soil, groundwater, soil vapor samples were provided by York Analytical Laboratories and reviewed by Alpha Geoscience, third-party data validator. Data qualifiers were updated following completion of the DUSRs. The DUSR is included in Appendix F.
- The data were determined to be mostly usable. Completeness, defined as the percentage of analytical results that are judged to be usable, is 99.9% for soil, groundwater, and soil vapor. All data are considered usable and acceptable as qualified, as identified in the DUSR.

Soil:

The data are mostly usable and acceptable.

The following were rejected:

- "not detected" semi-volatile results for 15 acid extractable compounds for sample SB-2 (16'-18')

Groundwater:

The data are mostly usable and acceptable.

The following data were rejected:

- "not detected" volatile results for bromomethane for MW-1, MW-2, and MW-3.
- "not detected" volatile result via EPA method 8260 of 1,4-dioxane for sample TB-1.
- "not detected" semi-volatile results for benzoic acid for GW-1 and GW-2.
- "not detected" volatile results for 4-nitrophenol for samples GW-1 and GW-2.

Please note that although the data for 1,4-dioxane was rejected only under the VOCs list when analyzed via EPA Method 8260. Reporting limits (RLs) via EPA Method 8260 are higher and QC recoveries are always poor and therefore, qualified/rejected data for this one compound via EPA Method 8260 is common. RLs for 8270SIM are lower and as a result, have much better QC recoveries.

Soil Vapor:

The data are mostly acceptable, and no soil vapor data were rejected.

All data that are considered usable with estimated (J, J+, or UJ) data associated with a higher level of quantitative uncertainty. All data that are not qualified rejected (R) are considered usable with estimated (J+, J, J-, UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data

validation reviews. Validated data, provided in ASP Category B Packages are submitted to the NYSDEC EQUIS database in an Electronic Data Deliverable (EDD) format.

- Based on the results of the Phase II Environmental Site Assessment, impacts to groundwater and soil vapor beneath the Site are identified. Vektor recommended reporting the results to the NYSDEC and remediating the Site under one of their available programs.

Phase I Environmental Site Assessment at 38-18 33rd Street and 32-20 38th Avenue, Queens, New York by Vektor Consultants, September 2024

- Vektor prepared this report for 38-18 33rd Street LLC and 38-18 33rd Street LLC in accordance with ASTM Standard E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.
- The following RECs were identified during the Phase I:
    - Based on the available records, historical uses of the Lots 5 and 16 include a chain manufacturing business, a refrigerant supply business, and a chemical laboratory. These facilities typically utilize hazardous substances or petroleum products as part of their operations, and potential historic releases from these facilities could have affected the subsurface conditions. The EDR database also indicates that the Subject Property has a history of generating sodium cyanide, ignitable, corrosive material, and halogenated solvents as waste. Therefore, the historical uses of the Site were considered REC.
    - Based on the available records, the properties in the vicinity of the Subject Property were utilized as dry cleaners and auto repair operations. Therefore, the presence of possibly impacted soil vapor beneath the Site and the potential soil vapor intrusion) cannot be ruled out and is considered a REC.
    - A Phase II Environmental Site Assessment conducted at the Subject Property in July and August 2024 identified the presence of CVOCs in groundwater beneath the Site at concentrations exceeding regulatory standards as well as the presence of elevated concentrations of CVOCs and Freon, likely associated with historical operations, in soil vapor across the Subject Property. The presence of contaminants exceeding regulatory standards and guidance limits was considered a REC.
- This Phase I ESA revealed the following HRECs in connection with Lots 5 and 16 of the Site:
    - Landstar Inway on Lot 5 is listed on the Spills database under Spill #1812448 due to an equipment failure that occurred on March 20, 2019. According to the regulatory database report, the spill incident was reported to the NYSDEC on March 20, 2019, when a saddle tank was punctured, and approximately 20 gallons of diesel fuel spilled onto the asphalt. First

Environmental was reported to clean up the spill on March 28, 2019. No drains or soils were impacted. The NYSDEC closed the case on March 28, 2019, as no further action was required. Based on the regulatory status and the de minimis amount of oil spilled, this listing was considered an HREC.

- The Phase I ESA revealed the following environmental issues in connection with the Site:

    - Tax Block 381, Lots 5 and 16, is listed on the E-designation database under E-number E-218 for hazardous materials regarding Phase I and Phase II testing protocol as a result of rezoning of the general surrounding area [Dutch Kills Rezoning and Related Actions (CEQR # 08DCP021Q)]. An E-Designation is a New York City zoning map designation that indicates the presence of an environmental requirement pertaining to potential hazardous materials contamination. Any future redevelopment and/or alteration work must also be coordinated with the NYCOER in order to obtain construction permits from the NYCDOB.

      Based on the age of the building, building materials may contain asbestos-containing materials (ACM) and lead-based paint (LBP). Readily visible suspect ACMs and painted surfaces were observed to be in good condition. Should these materials be replaced, a pre-demolition survey would need to be conducted prior to any renovation or demolition activities.

- Vektor recommended the following:

    - Based on the results of the Phase II Environmental Site Assessment, impacts to groundwater and soil vapor beneath the Site were identified. The results must be reported to the NYSDEC, and the Subject Property must be remediated in order to protect the public health and the environment.
    - Any future redevelopment and/or alteration work must be coordinated with the NYCOER in order to obtain construction permits from the NYCDOB due to the presence of E-Designation for hazardous materials on the Subject Property.
    - An Operations and Maintenance (O&M) Plan should be prepared and implemented in order to safely manage the suspect ACMs and LBP at the Subject Property. If redevelopment or renovation of the Subject Property is planned, suspect ACMs and LBP should be surveyed and abated in accordance with federal and NYC regulations.

Although January 2023 Phase I ESAs conducted at the Site stated all floor drains were capped, two floor drains were observed in the utility room of the building on Lot 5, and a floor drain was observed in the boiler room of Lot 16. The locations of the floor drains are

provided in Figure 2 in the Phase I ESA. No other differences were identified from the Phase I ESA findings.

Phase II Investigation Report at 32-10 38th Avenue, Queens, New York by Vektor Consultants, November 2025

- A Phase II investigation consisting of performance of a geophysical survey, installation and sampling of two soil borings, and the installation and sampling of five soil vapor points was conducted at Lot 12 of the Site on November 13, 2025.
- The stratigraphy of Lot 12, from the surface down, consists of approximately 5 feet of urban fill underlain by 5 feet of poorly graded brown to light brown sand with varying degrees of silt.
- The geophysical survey did not identify any anomalies or areas of concern indicative of underground storage tanks.
- Two soil borings were installed, and four soil samples were collected. Soil samples were analyzed at a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory for the presence of Part 375 Target Compound List (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (EPA) Method 8260, TCL semi-volatile organic compounds (SVOCs) by EPA Method 8270, Target Analyte List (TAL) Metals by EPA Method 6000/7000, and TCLP lead by EPA 6010.
    - No photoionization detector (PID) readings were detected in the soil samples.
    - No volatile organic compounds (VOCs) or semi-VOCs (SVOCs) were detected above their respective SCOs in any of the collected soil samples.
    - Five target analyte metals, barium, copper, lead, mercury, and zinc, were detected at concentrations exceeding their respective Unrestricted Use SCOs in the one shallow soil sample WC3210- Rear Yard (0-2'). Of these, two metals; barium (405 ppm) and lead (1,760 ppm) also exceeded their respective Restricted Residential Use SCOs.
    - TCLP lead was not detected above its EPA Hazardous Waste Limit in any of the soil samples.
- Groundwater was not encountered during the investigation. Depth to groundwater is approximately 15 feet bgs at the Site.
- One soil vapor point was installed to 3 feet, and one sub-slab soil vapor point was installed 2" below the existing lowest level slab, and one soil vapor sample, one sub-slab soil vapor sample, and one co-located indoor air sample were collected.
    - The total VOC concentration in the one soil vapor sample, WC3210-SV1, is 285.4 µg/$m^{3.}$

- The total concentration of petroleum-related VOCs (BTEX) in the one soil vapor sample WC3210-SV1 is 17.2 µg/m^3.
- One chlorinated VOC (CVOC), tetrachloroethene (12 µg/m^3), was detected in one soil vapor sample. The CVOCs 1,1,1-trichloroethane, 1,1-dichloroethane, carbon tetrachloride, cis-1,2-dichloroethene, methylene chloride, trichloroethene and vinyl chloride were not detected in the soil vapor sample.
- Other VOCs detected include: 1,1,2-trichloro-1,2,2-trifluoroethane (freon 113) (1.6 µg/m^3), 1,2,4-trimethylbenzene (3.2 µg/m^3), 1,3,5-trimethylbenzene (1.5 µg/m^3), 2,2,4-trimethylpentane (1 µg/m^3), 2-butanone (28 µg/m3), 2-hexanone (12 µg/m^3), 4-methyl-2-pentanone (4.2 µg/m^3), acetone (88 µg/m^3), benzene (0.5 µg/m^3), carbon disulfide (0.71 µg/m^3), dichlorodifluoromethane (6.3 µg/m^3), ethyl acetate (49 µg/m^3), ethyl benzene (1.9 µg/m^3), isopropanol (4.3 µg/m^3), isopropylbenzene (0.98 µg/m^3), n-propylbenzene (1.8 µg/m^3), o-xylene (2.9 µg/m^3), p- & m- xylenes (7.2 µg/m^3), p-ethyltoluene (6 µg/m^3), p-isopropyltoluene (0.78 µg/m^3), sec-butylbenzene (0.78 µg/m^3), toluene (4.7 µg/m^3), trichlorofluoromethane (freon 11) (36 µg/m^3), and xylenes, total (10 µg/m^3).
- The total concentration of VOCs in the one sub-slab soil vapor sample WC3210-SS1 is 21,276 µg/m^3.
- The total concentration of petroleum-related VOCs (BTEX) in the one sub-slab soil vapor sample WC3210-SS1 is 39 µg/m^3.
- Two Chlorinated VOCs (CVOCs); 1,1,1-trichloroethane (21,000 µg/m^3), tetrachloroethene (59 µg/m^3) were detected in the one soil vapor sample. The CVOCs 1,1-dichloroethane, carbon tetrachloride, cis-1,2-dichloroethene, methylene chloride, trichloroethene and vinyl chloride were not detected in the sub-slab soil vapor sample.
- Other VOCs detected include: 2,2,4-trimethylpentane (8.2 µg/m^3), 2-hexanone (29 µg/m^3), benzene (16 µg/m^3), chloroform (120 µg/m^3), o-Xylene (11 µg/m^3), Toluene (12 µg/m^3), and Xylenes, Total (21 µg/m^3).
- Total concentrations of VOCs detected in the WC3210-IndoorAir1 indoor air sample are 162.59 µg/m^3.
- Total concentrations of petroleum-related VOCs (BTEX) detected in the indoor air sample are 14.8 µg/m^3.
- One CVOCs tetrachloroethene (3 µg/m^3) was detected in the IA-1 indoor air sample. The CVOCs 1,1,1-trichloroethane, 1,1-dichloroethane, carbon tetrachloride, cis-1,2-dichloroethene, methylene chloride, trichloroethene and vinyl chloride were not detected in the indoor air sample.
- Other VOC detections in the indoor air sample include: 1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113) 0.76 µg/m^3), 1,2,4-trimethylbenzene (1.3 µg/m^3), 2,2,4-trimethylpentane (0.96 µg/m^3), acetone (76 µg/m^3), benzene

(0.87 µg/m^3), chloroform (2.1 µg/m^3), dichlorodifluoromethane (2.8 µg/m^3), ethyl acetate (36 µg/m^3), ethyl benzene (0.9 µg/m^3), isopropanol (9.8 µg/m^3), n-hexane (4.9 µg/m^3), o-xylene (1.2 µg/m^3), p- & m- xylenes (3.3 µg/m^3), p-ethyltoluene (1.2 µg/m^3), p-isopropyltoluene (0.5 µg/m^3), tetrahydrofuran (2.5 µg/m^3), toluene (8.5 µg/m^3), trichlorofluoromethane (freon 11) (1.5 µg/m^3), and xylenes, total (4.5 µg/m^3).

- Laboratory Analytical Reports associated with the Phase II Investigation were reviewed and validated by Alpha Geoscience, a third-party data validator. The data are mostly acceptable, and no soil or soil vapor data were rejected. The DUSRs for the prior investigations are included in their respective reports in Appendix A.

Copies of the previous reports are provided as Appendix A. All prior reports have been previously submitted to NYSDEC and NYSDOH and can be found in the document repositories which includes this RIR, as well as the following repository link: Index of /data/DecDocs/C241285.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

The RI for Lots 5 and 16 included the following scope of work from May 2, 2025 through June 9, 2025:

1. Geophysical survey to locate unidentified underground storage tanks (USTs) and identify utilities in the vicinity of the boring locations;
2. Installation of nineteen (19) soil borings to 15 feet below sidewalk grade, refusal, and/or groundwater table across the Site and collection of fifty-five (55) soil samples and additional quality assurance /quality control (QA/QC) samples;
3. Installation of six (6) monitoring wells and collection of nine (9) groundwater samples and additional QA/QC samples from the newly installed monitoring wells and three (3) existing groundwater monitoring wells; and
4. Installation of five (5) soil vapor points and collection of five (5) soil vapor samples and one duplicate soil vapor sample and one outdoor ambient air sample as the QA/QC samples.

The RI for Lot 12 included the following scope of work from February 4 through February 11, 2026:

1. Installation of three (3) soil borings to 20 feet below sidewalk grade, refusal, and/or groundwater table across the Site and collection of nine (9) soil samples and additional quality assurance /quality control (QA/QC) samples;
2. Installation of one (1) monitoring well and collection of one (1) groundwater samples and additional QA/QC samples; and
3. Installation of two (2) soil vapor points, one (1) sub-slab soil vapor point, and collection of two (2) soil vapor samples, one (1) sub-slab soil vapor sample, and one (1) duplicate soil vapor sample, and one (1) outdoor ambient air sample as the QA/QC samples.

A summary of the construction details for soil borings, groundwater monitoring wells, soil vapor points are provided in Table 1. The locations of all soil borings, groundwater monitoring wells and soil vapor points from the RI are shown on Figure 4.

4.1 Geophysical Investigation

Prior to intrusive sampling, a geophysical survey was conducted by Coastal Environmental Solutions (Coastal) Medford, New York, on May 2, 2025, for Lots 5 and 16. The purpose of the geophysical surveys was to identify anomalies indicative of potential USTs, locate buried utilities, and clear boring locations prior to intrusive drilling. Coastal utilized Geophysical Survey Systems Inc. SIR-3000 cart-mounted Ground Penetrating Radar (GPR) unit with a 400 Mhz antenna, a radio-detection RD7000 precision utility locator and a Fisher M-Scope TW-6 pipe and cable locator.

The findings of the geophysical investigation are provided in the geophysical investigation report. A copy of the geophysical report is provided in Appendix B.

4.2 Soil Investigation

4.2.1 Soil Investigation (Lots 5 and 16)

Coastal was retained to install a total of nineteen soil borings across the Site between May 2, 2025, and May 27, 2025. Soil borings (25SB-1 through 25SB-17) were installed to approximate depths ranging between 12 and 15 feet below grade, utilizing a direct-push probe Geoprobe® 6011DT drill rig. Soil boring location 25SB-11 was installed in the cellar to approximately 1.5 feet (approximately 15 feet below grade) below cellar grade. Additionally, two soil borings (25SB-2-N and 25SB-2-S) were installed to 15 feet below grade to delineate the horizontal and vertical extent of contamination observed in soil vapor point location 25SV-2. Figure 4 shows the location of soil borings installed during the RI. Soil boring logs are provided in Appendix C. Figures 9 and 10 shows the geologic cross-sections of soil borings installed during the RI.

Soil samples were collected continuously into 5-foot-long sample barrels lined with dedicated acetate sleeves. Continuous soil samples were collected from each boring and field screened for presence of VOCs with a Photo Ionization Detector (PID) and visually inspected for evidence of contamination. No elevated PID readings or olfactory odors were identified during the RI. The highest PID reading was 337 parts per million (ppm) in 25SB-2.

Three samples were collected from each soil boring with the exception of soil boring locations 25SB-11 (one sample collected) and 25SV-2-S (five samples collected). A total of fifty-seven soil samples, four duplicate samples, and four matrix spike/matrix spike duplicate (MS/MSD) samples were collected for chemical analysis during the RI. At the RI boring locations, one soil sample was collected from the fill layer at 0 to 2 feet bgs, one sample below the historic fill layer, and one sample immediately above the groundwater table. It should be noted that only one sample was collected from soil boring location 25SB-11 from the fill layer at 0 to 1.5 feet below cellar grade, right above the groundwater interface. Samples from the delineation borings 25SV-2-N and 25SV-2-S were biased towards the depths of observed contamination at the location of soil vapor point 25SV-2.

All soil samples were collected using a dedicated, disposable sampling scoop to prevent cross-contamination. VOC samples were collected via a dedicated one-time use 5g Terra-core sampler tool provided by the laboratory for each sample. Soil samples were immediately containerized in pre-cleaned, laboratory-supplied glassware, stored in a chilled cooler (4 °C), and submitted to York Analytical Laboratories (York) of Stratford, CT, under proper chain of custody procedures.

Approximate corresponding datum depths are as follows:

Sample ID	Sample Intervals
25SB-1	0-2 feet bgs, 2-4 feet bgs, 11-13 feet bgs
25SB-2	0-2 feet bgs, 5-7 feet bgs, 12.5-14.5 feet bgs
25SB-3	0-2 feet bgs, 4-6 feet bgs, 11-13 feet bgs
25SB-4	0-2 feet bgs, 3-5 feet bgs, 11-13 feet bgs
25SB-5	0-2 feet bgs, 3-5 feet bgs, 11-13 feet bgs
25SB-6	0-2 feet bgs, 3-5 feet bgs, 11.5-13.5 feet bgs
25SB-7	0-2 feet bgs, 3-5 feet bgs, 6-8 feet bgs
25SB-8	0-2 feet bgs, 3-5 feet bgs, 12.5-14.5 feet bgs
25SB-9	0-2 feet bgs, 2-4 feet bgs, 12-14 feet bgs
25SB-10	0-2 feet bgs, 2-4 feet bgs, 11-13 feet bgs
25SB-11*	0-1.5 feet bgs
25SB-12	0-2 feet bgs, 3-5 feet bgs, 11-13 feet bgs
25SB-13	0-2 feet bgs, 3-5 feet bgs, 13-15 feet bgs
25SB-14	0-2 feet bgs, 4-6 feet bgs, 10-12 feet bgs
25SB-15	0-2 feet bgs, 4-6 feet bgs, 10-12 feet bgs
25SB-16	0-2 feet bgs, 4-6 feet bgs, 11-13 feet bgs
25SB-17	0-2 feet bgs, 4-6 feet bgs, 12-14 feet bgs
25SV-2-N	10-12 feet bgs, 12-14 feet bgs, 14-15 feet bgs
25SV-2-S	0-2 feet bgs, 2-4 feet bgs, 10-12 feet bgs, 12-14 feet bgs, 14-15 feet bgs
25SB-DUP-1 (25SB-2)	0-2 feet bgs
MS/MSD-1 (25SB-4)	11-13 feet bgs
25SB-DUP-2 (25SB-12)	11-13 feet bgs
MS/MSD-2 (25SB-1)	0-2 feet bgs
25SB-DUP-3 (25SB-7)	0-2 feet bgs
MS/MSD-3 (25SB-8)	0-2 feet bgs
DUP-4(0-2) (25SB-16)	0-2 feet bgs
MS/MSD-4 (25SB-17)	12-14 feet bgs

Soil samples were analyzed at NYSDOH ELAP-certified laboratory for the presence of Part 375 Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260, TCL semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides by EPA Method 8081, Polychlorinated biphenyls (PCBs) by EPA Method 8082, Target Analyte List (TAL) metals including chromium, hexavalent and chromium, trivalent by EPA Methods 6010/7473/7196, 1,4-dioxane by EPA Method 8270 SIM, and 40 per- and polyfluoroalkyl substances (PFAS) compounds via EPA Method 1633.

4.2.2 Soil Investigation (Lot 12)

Coastal was retained to install a total of three soil borings across Lot 12 of the Site on February 4, 2026. Soil boring 26SB-1 was installed to an approximate depth of 27 feet below grade, utilizing a direct-push probe Geoprobe® 6011DT drill rig. Soil borings 26SB-2 and 26SB-4 were installed to approximate depth of 20 feet below grade, utilizing a direct-

push probe Geoprobe® 420M drill rig. Figure 4 shows the location of soil borings installed during the RI. Soil boring logs are provided in Appendix C. Figures 9 and 10 shows the geologic cross-sections of soil borings installed during the RI.

Soil samples were collected continuously into 5-foot-long sample barrels lined with dedicated acetate sleeves at 26SB-1. Soil samples were collected continuously into 2-foot-long sample barrels lined with dedicated acetate sleeves at 26SB-2 and 26SB-4. Continuous soil samples were collected from each boring and field screened for presence of VOCs with a Photo Ionization Detector (PID) and visually inspected for evidence of contamination. No elevated PID readings or olfactory odors were identified during the RI.

Three samples were collected from each soil boring and a total of nine soil samples, one duplicate samples, and one matrix spike/matrix spike duplicate (MS/MSD) samples were collected for chemical analysis during the RI. At the RI boring locations, one soil sample was collected from the fill layer at 0 to 2 feet bgs, one sample below the historic fill layer, and one sample immediately above the groundwater table.

All soil samples were collected using a dedicated, disposable sampling scoop to prevent cross-contamination. VOC samples were collected via a dedicated one-time use 5g Terra-core sampler tool provided by the laboratory for each sample. Soil samples were immediately containerized in pre-cleaned, laboratory-supplied glassware, stored in a chilled cooler (4 °C), and submitted to York Analytical Laboratories (York) of Stratford, CT, under proper chain of custody procedures.

Approximate corresponding datum depths are as follows:

Sample ID	**Sample Intervals**
26SB-1	0-2 feet bgs, 6-8 feet bgs, 15-17 feet bgs
26SB-2	0-2 feet bgs, 7-9 feet bgs, 17-19 feet bgs
26SB-4	0-2 feet bgs, 5-7 feet bgs, 17-19 feet bgs
Field Dup-020426 (26SB-1)	15-17 feet bgs
MS/MSD-1 (26SB-4)	17-19 feet bgs

Soil samples were analyzed at NYSDOH ELAP-certified laboratory for the presence of Part 375 Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260, TCL semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides by EPA Method 8081, Polychlorinated biphenyls (PCBs) by EPA Method 8082, Target Analyte List (TAL) metals including chromium, hexavalent and chromium, trivalent by EPA Methods 6010/7473/7196, 1,4-dioxane by EPA Method 8270 SIM, and 40 per- and polyfluoroalkyl substances (PFAS) compounds via EPA Method 1633.

4.3 Groundwater Investigation

4.3.1 Groundwater Investigation (Lots 5 and 16)

Six permanent groundwater monitoring wells designated as MW-1I, MW-1D, and MW-4 through MW-7 were installed across the Site between May 2 and May 27, 2025. The groundwater monitoring wells were sampled initially on May 5, 2025, and subsequently on June 4, 2025 for monitoring well locations that were newly installed or had low groundwater recharge. Four monitoring wells were installed via a direct push Geoprobe® 6011DT drill rig to approximate depths between 15 and 20 feet bgs. Two monitoring wells (MW-1I and MW-1D) were installed with a direct-push probe Geoprobe® 7822 drill rig to approximate depths of 25 and 35 feet bgs. The monitoring wells were constructed of polyvinyl chloride (PVC) and had a 10-foot well screen set at various terminal depths. Three one-inch (MW-1, MW-2, and MW-3) and six two-inch diameter wells were installed during the Remedial Investigation as follows:

Installed Monitoring Well Construction Information

Monitoring Well ID	Well Diameter	Installed Depth *	Depth of Groundwater*	Bottom of Screen *	Top of Screen *	Total Screen Depth *
MW-1	1-Inch**	17.38	15.46	17.38	7.38	10
MW-1I	2-Inch	25	15.41	25	70	10
MW-1D	2-Inch	35	15.71	35	70	10
MW-2	1-Inch**	17.18	15.68	17.18	7.18	10
MW-3	1-Inch**	17.76	13.55	17.76	7.76	10
MW-4	2-Inch	20.05	15.84	20.05	10.05	10
MW-5	2-Inch	15.33	12.44	15.33	5.33	10
MW-6	2-Inch	20.13	15.6	20.13	10.13	10
MW-7	2-Inch	19.24	16.06	19.24	9.24	10

* All measurements above are from grade level.

** One-inch diameter wells were installed during the Phase II ESA prior to acceptance into the BCP.

Figure 4 shows the location of groundwater monitoring wells installed during the RI. Monitoring well construction logs are provided in Appendix D.

All monitoring wells were developed followed by installation using a submersible pump until the water was clear and turbidity was less than 50 Nephelometric Turbidity Units (NTUs). Monitoring wells were gauged and surveyed by Montrose Surveying Co. LLP. Groundwater elevations ranged from el. 14.68 feet North American Vertical Datum 1988 (NAVD88) in MW-5 to el. 17.36 feet (NAVD88) in MW-6.

One groundwater sample (total of nine) was collected from each monitoring well, plus one duplicate groundwater sample from MW-3 and one MS/MSD sample from MW-1, utilizing USEPA low-flow groundwater sampling techniques one week after well

development. The groundwater monitoring wells were purged approximately three well volumes prior to sampling utilizing a peristaltic pump. Groundwater field parameters, including pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, temperature, and turbidity were measured during purging, except for monitoring wells MW-2, MW-5 and MW-6, where low groundwater recharge was observed during sampling. The tubing was changed between each monitoring well to prevent cross-contamination, and the low-flow sampling equipment was cleaned with Alconox and distilled water. Samples were collected with a peristaltic pump with dedicated high density polyethylene tubing. Groundwater samples were placed into laboratory-supplied glassware and stored in a chilled cooler (4^{o}C), and submitted to York of Stratford, CT, under proper chain of custody procedures.

Groundwater samples plus the duplicate and MS/MSD groundwater samples collected at groundwater interface were submitted to York Analytical Laboratories, an ELAP certified laboratory, for analysis for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, pesticides by EPA Method 8081, PCBS by EPA Method 8082, and TAL metals (total and dissolved) via EPA Method 6010, 40 per- and polyfluoroalkyl substances (PFAS) compounds via EPA Method 1633, and 1,4-dioxane via 8270 SIM.

All groundwater monitoring wells were surveyed to a common datum on May 13, 2025. The monitoring wells gauged during the survey on May 13, 2025. A groundwater contour map showing groundwater flow direction is provided on Figure 5. Groundwater sampling logs are provided in Appendix E.

4.2.2 Groundwater Investigation (Lot 12)

One permanent groundwater monitoring well designated as 26MW-1 was installed at the Site on February 4, 2026. The groundwater monitoring well was sampled on February 11, 2026. The monitoring well was installed via a direct push Geoprobe® 6011DT drill rig to an approximate depth of 27 feet bgs. The monitoring well is constructed of polyvinyl chloride (PVC) and had a 10-foot well screen set at various terminal depths. One one-inch diameter well was installed during the Remedial Investigation as follows:

Monitoring Well ID	Well Diameter	Installed Depth *	Depth of Groundwater*	Bottom of Screen *	Top of Screen *	Total Screen Depth *
26MW-1	1-Inch**	27	20	27	17	10

* All measurements above are from grade level.

** A one-inch diameter well was installed due to limitations of the drill rig and site logistics.

Figure 4 shows the location of groundwater monitoring wells installed during the RI. Monitoring well construction logs are provided in Appendix D.

The monitoring well was developed, followed by installation using a bailer until the water was clear and turbidity was less than 50 Nephelometric Turbidity Units (NTUs).

One groundwater sample was collected from the monitoring well. Due to poor recharge rates of the monitoring well, QA/QC samples could not be collected. The groundwater monitoring well was purged with a bailer approximately three well volumes prior to sampling. Groundwater field parameters, including pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, temperature, and turbidity were not measured during purging, as low groundwater recharge was observed during sampling, and samples were collected with a bailer. Groundwater samples were placed into laboratory-supplied glassware and stored in a chilled cooler (4^{o}C), and submitted to York of Stratford, CT, under proper chain of custody procedures.

Groundwater samples collected at the groundwater interface were submitted to York Analytical Laboratories, an ELAP-certified laboratory, for analysis for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method, and TAL metals (total and dissolved) via EPA Method 6010.

4.4 Soil Vapor Investigation

4.4.1 Soil Vapor Investigation (Lots 5 and 16)

Five soil vapor probes (designated as 25SV-1, 25SV-2, 25SV-3, 25SV-4, and 25SV-5) were installed via a Geoprobe® 6011DT direct push-probe drill rig at approximately 12 feet bgs across the Site with the exception of soil vapor probe location 25SV-3, which was installed at 6 feet bgs as groundwater was encountered at 8 feet bgs at this location. One duplicate soil vapor sample was collected at soil vapor probe location 25SV-DUP-1 and an outdoor ambient) air sample, 25OA-1, was also collected adjacent to the southeastern perimeter of the Site.

The construction of the vapor points followed the design of the NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 with updates. For the installation of the soil vapor points were connected to ¼-inch outer diameter inert polyethylene, Teflon-lined, tubing which extended above ground surface to allow for purging and sampling. Prior to testing, the integrity of the seal was tested by placing a plastic shroud over the vapor points to isolate them from ambient air. Then, a helium tracer gas was applied into the shroud and was screened utilizing a helium detector for presence of helium. No helium was detected in any of the vapor points; therefore, the sampling points were confirmed to be sealed properly prior to sampling.

After purging approximately three volumes of air from each vapor point at a flow rate less than 200 milliliters per minute, representative samples were collected for laboratory analysis utilizing 6-liter SUMMA canisters fitted with 8-hour flow controllers during the sampling events on May 7, 2025. One outdoor ambient air sample was collected at breathing height as a background sample. The outdoor air sample was collected over an 8-

hour sampling period concurrently with the soil vapor samples. Flow controllers were set to not to exceed 0.2 liters per minute, as established by the NYSDOH Guidance document. Upon completion of the vapor sampling, all canisters were labeled properly with the sample ID numbers, and vacuum pressure readings in the canisters before and after the sample collection. The vapor samples were submitted to York of Stratford, CT, under proper chain of custody procedures. Soil vapor samples were analyzed for VOCs via USEPA Method TO-15.

Soil vapor and outdoor ambient air sampling locations from the sampling event are shown in Figure 4. Soil vapor sampling logs are included in Table 2.

4.4.2 Soil Vapor Investigation (Lot 12)

Two soil vapor probes (designated as 26SV-2 and 26SV-3) were installed via a Geoprobe® 420M direct push-probe drill rig at approximately 5 feet bgs on the eastern perimeter of the Site, 26SS-1 was installed utilizing a portable hammer drill. One duplicate soil vapor sample was collected at soil vapor probe location DUP (collected alongside 26SV-3) and an outdoor ambient) air sample, 26OA-1, was also collected adjacent to the northeastern perimeter of the Site.

The construction of the vapor points followed the design of the NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 with updates. For the installation of the soil vapor points were connected to ¼-inch outer diameter inert polyethylene, Teflon-lined, tubing which extended above ground surface to allow for purging and sampling. Prior to testing, the integrity of the seal was tested by placing a plastic shroud over the vapor points to isolate them from ambient air. Then, a helium tracer gas was applied into the shroud and was screened utilizing a helium detector for presence of helium. No helium was detected in any of the vapor points; therefore, the sampling points were confirmed to be sealed properly prior to sampling.

After purging approximately three volumes of air from each vapor point at a flow rate less than 200 milliliters per minute, representative samples were collected for laboratory analysis utilizing 6-liter SUMMA canisters fitted with 8-hour flow controllers during the sampling events on February 11, 2025. One outdoor ambient air sample was collected at breathing height as a background sample. The outdoor air sample was collected over an 8-hour sampling period concurrently with the soil vapor samples. Flow controllers were set to not to exceed 0.2 liters per minute, as established by the NYSDOH Guidance document. Upon completion of the vapor sampling, all canisters were labeled properly with the sample ID numbers, and vacuum pressure readings in the canisters before and after the sample collection. The vapor samples were submitted to York of Stratford, CT, under proper chain of custody procedures. Soil vapor samples were analyzed for VOCs via USEPA Method TO-15.

Soil vapor and outdoor ambient air sampling locations from the sampling event are shown in Figure 4. Soil vapor sampling logs are included in Table 2.

4.5 Quality Assurance / Quality Control Sampling

During the RI on Lots 5 and 16, field blanks, trip blanks, field duplicate samples, matrix spike/matrix spike duplicate (MS/MSD) samples, and an outdoor ambient air sample were collected and submitted for laboratory analysis. QA/QC samples include the following quality control samples:

Soil QA/QC samples

- Four field blanks:

  FB-1 (5/2/2025), FB-2 (5/5/2025), FB-3 (5/6/2025), and FB-4 (5/6/2025)

- Four trip blanks:

  TB-1 (5/2/2025), TB-2 (5/5/2025), TB-3 (5/6/2025), and TB-4 (5/27/2025)

- Four field duplicate samples:

  25SB-DUP-1 (0-2') [25SB-2 (0-2')], 25SB-DUP-2 (11-13') [25SB-12 (11-13')], 25SB-DUP-3 (0-2') [25SB-7 (0-2')], and DUP-4(0-2') [25SB-16 (0-2')]

- Four MS/MSD samples:

  25-SB-MS/MSD-1 [25SB-4 (11-13')], 25-SB-MS/MSD-2 [25SB-1 (0-2')], 25-SB-MS/MSD-3 [25SB-8 (0-2')], and MS/MSD-4 [25SB-17 (0-2')]

Groundwater QA/QC samples

- Five field blank samples:

  FB-1 (5/13/2025), FB-2 (5/15/2025), FB-3 (6/4/2025), FB-4 (6/5/2025), and FB-5 (6/6/2025)

- Five trip blank samples:

  TB-1 (5/13/2025) and TB-2 (5/13/2025), TB-3 (6/4/2025), TB-4 (6/5/2025), and TB-5 (6/6/2025)

- One field duplicate sample:

  MW-DUP-1 (MW-3) (5/15/2025)

- One MS/MSD sample:

  MS-1 and MSD-1 (5/19/2025) (MW-1)

Soil Vapor QA/QC samples

- One outdoor ambient air sample:

  25OA-1

- One field duplicate soil vapor sample:

  25SV-DUP-1 (25SV-2)

During the RI on Lot 12, field blanks, trip blanks, field duplicate samples, matrix spike/matrix spike duplicate (MS/MSD) samples, and an outdoor ambient air sample were collected and submitted for laboratory analysis. QA/QC samples include the following quality control samples:

Soil QA/QC samples

- One field blank:

  Field Blank (2/4/2026)

- One trip blank:

  Trip Blank (2/4/2026)

- One field duplicate sample:

  Field Dup-020426 [26SB-1 (15-17')

- One MS/MSD sample:

  26-MS/MSD [26SB-4 (17-19')]

Groundwater QA/QC samples

- One field blank sample:

  FB (2/11/2026)

- One trip blank sample:

  Trip Blank- (2/11/2026)

Soil Vapor QA/QC samples

- One outdoor ambient air sample:

  26OA-1

- One field duplicate soil vapor sample:

  DUP (26SV-3)

Field duplicates were collected to assess the accuracy of the analytical methods relative to the sample matrix. The duplicates were collected from the same sample media as the primary sample by splitting the volume of homogenized sample collected in the field into two sample containers. Duplicate soil, groundwater, and soil vapor samples were collected at the rate of one per 20 samples and submitted to the laboratory. MS/MSD samples were collected at the rate of one per 20 samples and submitted to the laboratory.

Trip blank samples were collected to assess the potential for contamination of the sample containers and samples during the trip from the laboratory to the field, and back to the laboratory for analysis. Trip blanks contain approximately 40 milliliters of acidic water (doped with hydrochloric acid) that is sealed by the laboratory when the empty sample containers are shipped to the field and unsealed and analyzed by the laboratory when the sample shipment is received from the field. Trip blanks accompanied samples each time they were transported to the laboratory and were analyzed for VOCs.

Field blank samples were collected to determine the effectiveness of the decontamination procedures for the groundwater sampling equipment train and the cleanliness of unused nitrile gloves and acetate liners used to collect soil samples. Field blank samples consisted of deionized, distilled water provided by the laboratory that has passed through the sampling.

4.6 Reporting

Daily reports were provided to NYSDEC including a summary of Site activities, investigation progress updates, and photographs of fieldwork. Copies of the submitted daily reports are included in Appendix F.

4.7 Community Air Monitoring Program

Air monitoring was conducted to characterize any personnel exposures and fugitive emissions generated from the performance of the investigation activities. Air monitoring was performed in accordance with the Community Air Monitoring Program (CAMP)/Health and Safety Plan (HASP) prepared for this investigation.

Calibrated air monitoring instruments were used to monitor for potential releases of volatile organic vapors and soil particulates from the Site. Upwind and downwind air monitoring stations were established relative to each drilling location. A portable data logging Photo Ionization Detector and particulate meter were utilized during all invasive activities. The air monitoring instruments were calibrated on a daily basis prior to the start of field work. No elevated PID or dust readings were identified during the RI. Copies of the air monitoring field forms are included in the daily reports in Appendix F.

4.8 Data Validation

Laboratory reports included ASP Category B deliverables for use in the preparation of a data usability report (DUSR). All analyses were reported using NYSDEC ASP Category B deliverables. Laboratory data for all media (soil, groundwater, soil vapor) during the RI was reviewed by Alpha Geoscience, a third-party validator. The DUSRs are applicable to all samples collected during the RI. Refer to Section 5.7 for further details.

4.9 Investigation Derived Waste

Investigation-derived wastes (IDW) generated during the RI were containerized as necessary. Since no evidence of contamination was observed in soil samples, the soil boring locations were backfilled with soil cuttings. Aqueous waste from monitoring well development and purging and decontamination water were placed into DOT-approved 55-gallon steel drums with sealed tops. The drums will be transported off-site by a licensed waste hauler and disposed of at a permitted facility.

5.0 REMEDIAL INVESTIGATION RESULTS

All media including soil, groundwater, and soil vapor have been sampled and evaluated in this RIR. Discrete (grab) samples have been used for delineating the nature and extent of contamination and to determine the impact of contaminants on public health and the environment.

Soil results are compared to the 6 NYCRR Part 375 Unrestricted Use, Restricted Residential Use SCOs, and Protection of Groundwater SCOs as applicable.

Groundwater results are compared to the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) AWQS and Guidance Values published in "Sampling, Analysis and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs".

Soil vapor and air results were reviewed in conjunction with groundwater and soil data. Concentrations of VOCs in samples were evaluated by comparison to the Air Guidance Values (AGVs) presented in the NYSDOH 2006 guidance document with updates. The risk of vapor intrusion was evaluated by comparison to the NYSDOH Decision Matrices A through F.

5.1 Fish and Wildlife Remedial Impact Analysis

The Site provides no wildlife habitat or food value. There are no natural waterways, wetlands, resources, or critical habitats of endangered species present on or adjacent to the Site. Therefore, a fish and wildlife remedial impact analysis is not required.

5.2 Geological and Hydrogeological Conditions

5.2.1 Stratigraphy

The stratigraphy of the Site, from the surface down, consists of a historic urban fill layer extending to approximately 5 feet below the majority of Site and consisting primarily of brown and dark brown fine to medium sand with varying amounts of gravel, concrete, asphalt, glass, and silt, and native soils from 5 to 15 feet consisted of primarily brown sand/silt mixtures, with traces of gravel and some weathered rock. However, no competent bedrock was encountered in any soil boring during the RI. According to the USGS the inferred depth to bedrock at the Site is approximately 95 feet bgs.

5.2.2 Hydrogeology

Groundwater head measurements were collected utilizing a Solinst® 122 Oil/Water Interface probe. The interface probe can measure depths to water to 0.01 inch. No free product was observed within any of the monitoring wells. Ground elevation ranges between approximately 25 feet (NAVD88) in the northern portion to 37 feet (NAVD88) in the central east portion of the Site. The depth to water readings were obtained by utilizing an interface probe during the RI. Average depth to groundwater was observed between

approximately 14.5 to 20 feet or el. 14.68 and 17.36 North American Vertical Datum 1988 (NAVD88) during the RI. Based on the findings of the RI synoptic groundwater gauging event, groundwater beneath the Site generally flows from northwest to southeast.

A table of water level data for all monitor wells is included in Table 1. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 5.

5.3 Geophysical Investigation Findings

Coastal did not identify any anomalies or areas of concern indicative of potential USTs during either of the geophysical surveys during the RI. Approximate locations of floor drains and utility lines at the Site are provided in Figure 3.

The geophysical investigation report is provided in Appendix B.

5.4 Soil Results

Figure 4 provides the soil boring locations installed during investigations. Figure 6 provides a summary of soil exceedances identified during the RI by including SVOCs, pesticides, and metals. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, are reported in Tables 3 through 8. Laboratory analytical deliverables for soil samples are provided in Appendix G.

5.4.1 Soil Chemistry

A total of sixty-six soil samples plus five soil duplicate (DUP) samples and five sets MS/MSD samples, were collected from 22 soil borings 25SB-1 through 25SB-17, 25SV-2N, 25SV-2S, 26SB-1, 26SB-2, and 26SB-4 during the RI between May 2, 2025 through May 27, 2025 and February 4, 2026. These soil samples were analyzed for TCL VOCs, TCL SVOCs, pesticides, PCBs, TAL metals including chromium, hexavalent and chromium trivalent, 1,4-dioxane, and 40 PFAS compounds.

Soil results were compared to the NYSDEC Part 375 Unrestricted Use SCOs (UUSCOs) and Restricted Residential Use SCOs (RRSCOs). Emerging contaminant results were compared to the guidance values as established in the NYSDEC Guidance Document for Part 375 Remedial Programs. The qualifiers mentioned below are from the laboratory analytical reports and will be updated upon receipt of the DUSRs.

Volatile Organic Compounds

No VOCs were detected above Unrestricted Use SCOs. Acetone, which is a common laboratory artifact, was detected in several samples at low concentrations.

Semi-Volatile Organic Compounds

Eleven SVOCs, including polycyclic aromatic hydrocarbons (PAHs), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene,

chrysene, dibenzo(a,h)anthracene, dibenzofuran, indeno(1,2,3-cd)pyrene, naphthalene, and phenanthrene were detected at concentrations exceeding their respective UUSCOs. The RRSCO for two of these SVOCs [benzo(a)pyrene and dibenzo(a,h)anthracene] are the same as the UUSCOs and therefore, also exceeded their respective RRSCOs. Benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, and phenanthrene have differing UUSCOs and RRSCOs but were detected at concentrations above both UUSCOs and RRSCOs. Only dibenzofuran and naphthalene were detected at concentrations exceeding its respective UUSCO but below its RRSCO.

Contaminant	Sample ID and Depth	Concentration (ppm)	UUSCO/RRSCO/PGWSCO (ppm)
Benzo(a)anthracene	25SB-3 (0-2')	7.2 J-	UUSCO: 1 RRSCO: 1.4 PGWSCO: N/A
	25SB-12 (0-2')	31.4 D	
Benzo(a)pyrene	25SB-3 (0-2')	6.82 J-	UUSCO: 1 RRSCO: 1 PGWSCO: N/A
	25SB-12 (0-2')	29 D	
Benzo(b)fluoranthene	25SB-3 (0-2')	5.97 J-	UUSCO: 1 RRSCO: 1.4 PGWSCO: N/A
	25SB-10 (0-2')	1.29 J-	
	25SB-12 (0-2')	27.6 D	
Benzo(g,h,i)perylene	25SB-3 (0-2')	4.77 J-	UUSCO: 0.64 RRSCO: 4.9 PGWSCO: N/A
	25SB-10 (0-2')	0.839 J-	
	25SB-12 (0-2')	22.1 D	
Benzo(k)fluoranthene	25SB-3 (0-2')	5.29 J-	UUSCO: 0.8 RRSCO: 4.9 PGWSCO: N/A
	25SB-12 (0-2')	26 D	
Chrysene	25SB-3 (0-2')	7.45 J-	UUSCO: 1 RRSCO: 4.9 PGWSCO: N/A
	25SB-12 (0-2')	28.8 D	
Dibenzo(a,h)anthracene	25SB-3 (0-2')	1.23 J	UUSCO: 2.1 RRSCO: 18 PGWSCO: N/A
	25SB-12 (0-2')	4.18 JD	
Dibenzofuran	25SB-12 (0-2')	7.14 D	UUSCO: 0.33 RRSCO: 0.33 PGWSCO: N/A
Indeno(1,2,3-cd)pyrene	25SB-2 (0-2')	0.628 J	UUSCO: 0.5 RRSCO: 1.4 PGWSCO: N/A
	25SB-3 (0-2')	4.12 J-	
	25SB-10 (0-2')	0.72 J	
	25SB-12 (0-2')	24.6 J	

Contaminant	Sample ID and Depth	Concentration (ppm)	UUSCO/RRSCO/PGWSCO (ppm)
Naphthalene	25SB-12 (0-2')	15.3 D	UUSCO: 12 RRSCO: 100 PGWSCO: N/A
Phenanthrene	25SB-3 (0-2')	3.2 J-	UUSCO: 1.1 RRSCO: 4.9 PGWSCO: N/A
	25SB-12 (0-2')	71.4 D	

Pesticides

Four pesticides, 4,4'-DDE, 4,4'-DDT, alpha-chlordane, and heptachlor epoxide were detected at concentrations exceeding their respective UUSCOs in four soil samples. Two pesticides, alpha-Chlordane and heptachlor epoxide, also exceeded their respective RRSCOs in one soil sample (26SB-2 (0-2)) as follows:

Contaminant	Sample ID and Depth	Concentration (ppm)	UUSCO/RRSCO/PGWSCO (ppm)
4,4'-DDE	26SB-2 (0-2)	0.0392 DP	UUSCO: 0.0033 RRSCO: 3.4 PGWSCO: N/A
4,4'-DDT	26SB-1 (6-8)	0.00387 D	UUSCO: 0.0033 RRSCO: 3.8 PGWSCO: N/A
	25SB-10 (0-2)	0.00487 D	
alpha-Chlordane	26SB-2 (0-2')	4.24 D	UUSCO: 0.014 RRSCO: 0.65 PGWSCO: N/A
	26SB-2 (7-9)	0.0889 D	
Heptachlor epoxide	26SB-2 (0-2')	1.37 D	UUSCO: 0.013 RRSCO: 0.53 PGWSCO: N/A
	26SB-2 (7-9)	0.0274 D	

Polychlorinated Biphenyls

PCBs were not detected in any of the soil samples above laboratory reporting limits.

Metals

One or more of up to four metals, including copper, lead, zinc, and mercury, were detected at concentrations exceeding their respective UUSCOs in thirteen soil samples and one soil duplicate sample. Two metals, lead and mercury, also exceeded their respective RRSCOs in two shallow and one intermediate soil samples as follows:

Contaminant	Sample ID and Depth	Concentration (ppm)	UUSCOs/RRSCOs /PGWSCOs (ppm)
Lead	25SB-10 (0-2')	448 J-	UUSCO: 63 RRSCO: 400 PGWSCO: N/A
	25SB-12 (0-2')	3,720 J	
Mercury	25SB-10 (0-2')	0.388 J-	UUSCO: 0.18 RRSCO: 0.3 PGWSCO: N/A
	25SB-12 (0-2')	0.563	
	25SB-12 (3-5')	0.319	

Emerging Contaminants

PFAS compounds and 1,4-dioxane were not detected in any of the soil samples above laboratory reporting limits.

Summary of Soil Analytical Results

- A total of 66 soil samples, five soil duplicate, and five sets of MS/MSD samples were collected and analyzed for full-suite analysis during the investigations.
- No VOCs were detected above Unrestricted Use SCOs. Acetone, which is a common laboratory artifact, was detected in several samples at low concentrations.
- Eleven SVOCs, including polycyclic aromatic hydrocarbons (PAHs), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, dibenzofuran, indeno(1,2,3-cd)pyrene, naphthalene, and phenanthrene were detected at concentrations exceeding their respective UUSCOs. Nine out of eleven of these SVOCs were detected at concentrations above their respective RRSCOs with the exception of dibenzofuran and naphthalene, which were the only SVOCs deted above their UUSCOs and below its RRSCO. The exceedances were identified in the samples collected from shallow depths consisting of historical fill material at four soil boring locations in the 0-to-2-foot interval.
- Four pesticides, 4,4'-DDE, 4,4'-DDT, alpha-chlordane, and heptachlor epoxide were detected at concentrations exceeding their respective UUSCOs in four soil samples. Two pesticides, alpha-Chlordane and heptachlor epoxide, also exceeded their respective RRSCOs in one soil sample (26SB-2 (0-2))
- PCBs were not detected in any of the soil samples.

- One or more of up to four metals, including copper, lead, zinc, and mercury, were detected at concentrations exceeding their respective UUSCOs in thirteen soil samples and one soil duplicate sample. Of the four metals detected, two metals lead and mercury, were detected at concentrations exceeded their respective RRSCOs in two shallow (0-to-2-foot interval) soil samples, 25SB-10 (0-2') and 25SB-12 (0-2'). Mercury was also detected in one intermediate (3-to-5-foot interval) soil sample 25SB-12 (3-5).
- PFAS compounds were not detected in any of the soil samples
- 1,4-dioxane was not detected in any of the soil samples.

5.5 Groundwater Results

Figure 4 provides the monitoring well locations installed and/or sampled during the RI and past investigation. Figure 7 provides a summary of groundwater exceedances identified during the RI. A summary table of data for chemical analyses performed on groundwater samples are included in Tables 9 through 14. Laboratory analytical deliverables for groundwater samples evaluated in the RIR are provided in Appendix H.

5.5.1 Groundwater Chemistry

A total of ten groundwater samples plus one duplicate groundwater sample and one set of MS/MSD samples were collected from nine monitoring wells MW-1, MW-1I, MW-1D, MW-2 through MW-7, and 26MW-1 during the RI between May 5, 2025 and June 4, 2025, and February 11, 2026. All groundwater samples were analyzed for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, pesticides by EPA Method 8081, PCBS by EPA Method 8082, and TAL metals (total and dissolved) via EPA Method 6010, 40 PFAS compounds via Modified EPA Method 1633, and 1,4-dioxane via 8270 SIM.

Groundwater results are compared to the NYSDEC Division of Water TOGS 1.1.1 Ambient AWQS and the Guidance Values published in "Sampling, Analysis and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs".

Volatile Organic Compounds

Five VOCs, including chloroform, tetrachloroethylene (PCE), toluene, trichloroethylene (TCE), and trichlorofluoromethane, were detected above their respective AWQS in five groundwater samples. The findings were as follows:

Contaminant	Sample ID	Concentration (µg/L)	AWQS (µg/L)
Chloroform	26MW-1	7.53	7

Contaminant	Sample ID	Concentration (µg/L)	AWQS (µg/L)
Tetrachloroethylene (PCE)	MW-1	54	5
	MW-1I	10.1	
	MW-4	15	
	MW-7	42	
Toluene	MW-1I	6.27	5
	MW-4	15	
Trichloroethylene (TCE)	MW-1	11	5
	MW-4	26	
	MW-7	79	
Trichlorofluoromethane	MW-5	82	5

Semi-Volatile Organic Compounds

One SVOC, acenaphthylene, was detected at a concentration of 0.288 µg/L and does not have a respective AWQS. Two SVOCs; Bis(2-chloroethyl)ether, was detected at a concentration of 1.25 µg/L above its respective AWQS of 1 µg/L in groundwater sample 26MW-1, and hexachlorocyclopentadiene, was detected at a concentration of 6.25 µg/L above its respective AWQS of 5 µg/L in groundwater sample 26MW-1. No other SVOCs were detected above laboratory reporting limits.

Pesticides

One pesticide, dieldrin, was detected at a concentration of 0.149 µg/L above its respective AWQS of 0.004 µg/L in groundwater sample MW-7. No other pesticides were detected in the groundwater samples above laboratory reporting limits.

Polychlorinated Biphenyls

No PCBs were detected in the groundwater samples above laboratory reporting limits.

Total Metals

A total of thirteen metals, including ten naturally occurring metals (arsenic, barium, cadmium, copper, magnesium, manganese, nickel, selenium, sodium, and zinc), and three non-naturally occurring heavier metals chromium (total and hexavalent) and lead were detected at concentrations exceeding their respective AWQS in the total metals analysis groundwater samples as follows:

Total Metals	Sample ID	Exceedance (µg/L)	AWQS (µg/L)
Arsenic	26MW-1	101	25
Barium	MW-1-DUP (MW-3)	1,090	1,000
	26MW-1	9,950	
Cadmium	26MW-1	11.9	5
Chromium (Total)	MW-1	69.2	50
	MW-2	75	
	MW-DUP-1 (MW-3)	94	
	MW-6	52.8	
	26MW-1	3,140	
Chromium	MW-1	74.6	50
Copper	26MW-1	5,950	200
Lead	MW-3	55	25
	MW-DUP-1 (MW-3)	55	
	MW-6	77.1	
	26MW-1	1,040	
Magnesium	MW-1	35,600	35,000
	MW-1D	74,700	
	MW-3	42,400	
	MW-DUP-1 (MW-3)	60,800	
	MW-5	62,000	
	MW-7	49,600	
	26MW-1	2,040,000	
Manganese	MW-1D	676	300
	MW-3	4,600	
	MW-DUP-1 (MW-3)	7,430	
	MW-4	1,400	
	MW-6	1,040	
	26MW-1	49,400	

Total Metals	Sample ID	Exceedance (µg/L)	AWQS (µg/L)
Nickel	MW-DUP-1 (MW-3)	135	100
	26MW-1	2,840	
Sodium	MW-1	192,000	20,000
	MW-1I	187,000	
	MW-1D	104,000	
	MW-2	156,000	
	MW-3	277,000	
	MW-DUP-1 (MW-3)	309,000	
	MW-4	29,300	
	MW-5	111,000	
	MW-6	137,000	
	MW-7	43,800	
	26MW-1	404,000	
Selenium	MW-5	15.9	10
	MW-7	13.5	
	26MW-1	133	
Zinc	26MW-1	6,850	2,000

Dissolved Metals

A total of four metals, including three naturally occurring metals including magnesium, selenium, and sodium, and one non-naturally occurring heavier metal including chromium (total) were detected at concentrations exceeding their respective AWQS in the dissolved metals analysis for groundwater samples as follows:

Dissolved Metals	Sample ID	Exceedance (µg/L)	AWQS (µg/L)
Chromium	MW-2	63.1	50
Magnesium	MW-1I	35,100	35,000
	MW-1D	52,100	
	MW-5	58,300	
	MW-7	47,100	
	26MW-1	101,000	

Dissolved Metals	Sample ID	Exceedance (µg/L)	AWQS (µg/L)
Sodium	MW-1	182,000	20,000
	MW-1I	186,000	
	MW-1D	108,000	
	MW-2	141,000	
	MW-3	277,000	
	MW-DUP-1 (MW-3)	275,000	
	MW-4	33,900	
	MW-5	115,000	
	MW-6	134,000	
	MW-7	44,200	
	26MW-1	385,000	
Selenium	MW-5	13.1	10
	MW-7	10.5	

Emerging Contaminants

Two PFAS compounds, Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA), were detected above the Part 375 Remedial Program Guidance Values (GV) for Water as follows:

PFAS	Sample ID	Exceedance (ng/L)	GV (ng/L)
PFOS	MW-4	10.7	10
PFOA	MW-1	43	10
	MW-1I	32.7	
	MW-1D	74.6	
	MW-2	32.8	
	MW-3	170	
	MW-DUP-1 (MW-3)	134	
	MW-4	77.3	
	MW-5	31.1	
	MW-7	42.1	

1,4-dioxane was not detected in any of the groundwater samples.

Summary of Groundwater Analytical Results

- Five VOCs, including chloroform, tetrachloroethylene (PCE), toluene, trichloroethylene (TCE), and trichlorofluoromethane, were detected above its respective AWQS in five groundwater samples. Although not exceeding regulatory SCOs, VOCs, PCE and TCE were also detected in soil samples at trace concentrations. Therefore, the presence of VOCs and CVOCs compounds in groundwater could be attributed to an on-site source.
- One SVOC, acenaphthylene, was detected at a concentration of 0.288 µg/L and does not have a respective AWQS. No other SVOCs were detected above laboratory reporting limits.
- One pesticide, dieldrin, was detected at a concentration of 0.149 µg/L above its respective AWQS of 0.004 µg/L in groundwater sample MW-7.
- No PCBs were detected in any of the groundwater samples above laboratory reporting limits.
- Ten naturally occurring metals, including arsenic, barium, cadmium, copper, magnesium, manganese, nickel, selenium, sodium, and zinc, were detected in both the total and dissolved groundwater samples across the Site above their respective AWQS. It should be noted that naturally occurring metal contaminants in groundwater are not site-specific contaminants of concern and will not be addressed by a remedy.
- Two non-naturally occurring metals chromium and lead was detected in total and dissolved groundwater samples in monitoring well MW-2 in the central portion of the Site and 26MW-1 in the northern portion of the Site.
- Two PFAS compounds, PFOS and PFOA, were detected above the regulatory limits, PFOS in one sample and PFOA in nine groundwater samples. PFAS samples were not detected in any of the soil samples above laboratory reporting limits. Therefore, the presence of PFAS compounds in groundwater is likely due to an off-site source.
- It should be noted that the groundwater sample 26MW-1, was turbid at the time of sampling.

5.6 Soil Vapor Results

Figure 4 provides the soil vapor and ambient air sampling locations. Figure 8 provides a summary of findings with detected concentrations. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 15. Laboratory data deliverables for all samples evaluated in the RIR are provided in Appendix I.

5.6.1 Soil Vapor Results

Soil Vapor

Total concentrations of petroleum-related VOCs, specifically benzene, toluene, ethylbenzene and xylenes (BTEX), ranged from 4.37 µg/m^3 in 26SV-3 to 24 µg/m^3 in 25SV-4 beneath the Site and was detected at a total concentration of 6.3 µg/m^3 in the outdoor ambient air sample 25OA-1 and 5.3 µg/m^3 in the outdoor ambient air sample 26OA-1. Results further showed concentrations of CVOCs in all soil vapor samples. The highest concentrations of CVOCs detected were of PCE at 25SV-2 (5,900 µg/m^3) and TCE at 25SV-2 (4,200 µg/m^3), located in the central portion of the Site.

- 1,1,1-Trichloroethane was detected in five soil vapor samples and duplicate sample ranging from 1.1 µg/m^3 in 25SV-1 to 83 µg/m^3 in 26SS-1.
- 1,1-Dichloroethane was not detected in any soil vapor samples or the outdoor ambient air sample.
- Carbon tetrachloride was detected in all soil vapor samples and duplicate sample, ranging from 0.27 µg/m^3 in 26SS-1/26SV-3 to 8.3 µg/m^3 in 25SV-2. Carbon tetrachloride was also detected in both outdoor ambient air samples at concentrations ranging from 0.14 µg/m^3 (260A-1) to 0.51 µg/m^3 (25-0A-1).
- Cis-1,2-Dichloroethylene was detected in one soil vapor sample and duplicate sample at a concentration of 2.2 µg/m^3.
- Methylene chloride and vinyl chloride were not detected in any of the soil vapor samples or the outdoor ambient air sample.
- PCE was detected in eight soil vapor samples and the two duplicate soil vapor samples, ranging from 1.6 µg/m^3 in 25SV-5 to 7,300 µg/m^3 in 25SV-DUP-1 (collected from the 25SV-2 location). PCE was not detected in the outdoor ambient 25OA-1 sample; however, PCE was detected at 0.88 µg/m^3 in the outdoor ambient 26OA-1 sample.
- TCE was detected in six soil vapor samples and the two duplicate soil vapor samples, ranging from 3.9 µg/m^3 in 26SV-3 to 4,200 µg/m^3 in 25SV-2. TCE was not detected in the outdoor ambient air samples.
- Trichlorofluoromethane (Freon 11) was detected in four soil vapor samples and the duplicate soil vapor sample, ranging from 2.1 µg/m^3 in 26SV-2 to 3,300 µg/m^3 in 25SV-2. Trichlorofluoromethane (Freon 11) was detected at 1.2 µg/m^3 in the outdoor ambient 26OA-1 sample.

Outdoor Air

The total concentrations of BTEX ranged in the background ambient air samples from 5.3 ug/m^3 in 26OA-1 to 6.3 ug/m^3 in 25OA-1. Results further showed detected concentrations

of chlorinated VOCs (CVOCs) in both background ambient air samples 25OA-1 and 26OA-1. Carbon tetrachloride was detected at 0.51 µg/m^3 in 25OA-1 and 0.14 µg/m^3 in 26OA-1, and tetrachloroethylene was detected at 0.88 µg/m^3 in 26OA-1. 1,1,1-Trichloroethane, 1,1-dichloroethane, cis-1,2-dichloroethylene, methylene chloride, PCE, and vinyl chloride were not detected in the outdoor ambient air samples.

Summary of Soil Vapor Analytical Results

Results showed low concentrations of petroleum-related VOCs and elevated concentrations of CVOCs in soil vapor samples. BTEX was identified between 4.37 µg/m^3 in 26SV-3 to 24 µg/m^3 in 25SV-4. The highest concentrations of CVOCs detected were of PCE at 25SV-2 (5,900 µg/m^3) and 7,300 µg/m^3 in 25SV-DUP-1 (collected from the 25SV-2 location), and TCE at 25SV-2 (4,200 µg/m^3), which is located in the central portion of the Site.

5.7 Data Usability Summary

New York Analytical Services Protocols (ASP) Category B laboratory reports for the soil, groundwater, and soil vapor for the RI were provided by York Analytical Laboratories and sent to be validated by Alpha Geoscience, a third-party data validator. The DUSRs are included in their respective Appendix G for soil, Appendix H for groundwater, and Appendix I for soil vapor.

Soil:

The data are mostly usable and acceptable.

The following were rejected:

- “not detected” volatile results for 1,4-dioxane for samples TB-1 and FB-1
- “not detected” volatile results for target compounds for sample 25SB-11 (0-1.5)
- “not detected” volatile results for all target compounds for sample 25SB-5 (11-13)
- “not detected” semi-volatile results for 15 acid extractable compounds for sample 25SB-4 (0-2), 25SB-4 (3-5), 25SB-4 (11-13), 25SB-10 (0-2), 25SB-10 (2-4), 25SB-11 (0-1.5), and 25SB-10 (11-13)
- “not detected” SIM semi-volatile result for n-nitrosodimethylamine for sample FB-1
- not detected” semi-volatile results for benzoic acid for samples 25SB-12 (0-2), 25SB-12 (3-5), 25SB-12 (11-13), 25SB-13 (0-2), 25SB-13 (3-5), 25SB-9 (0-2), 25SB-9 (2-4), 25SB-9 (12-14), 25SB-6 (0-2), and 25SB-5 (0-2)
- “not detected” semi-volatile results for 2,4-dinitrophenol for samples 25SB-5 (3-5), 25SB-5 (11-13), 25SB-6 (3-5), and 25-SB-DUP-2 (11-13)
- “not detected” semi-volatile results for 4-nitrophenol and pyridine for sample FB-2

- "not detected" SIM semi-volatile results for hexachlorobutadiene and n-nitrosodimethylamine for sample FB-2
- "not detected" semi-volatile results for 4-nitroaniline for samples 25SB-15 (0-2), 25SB-15 (4-6), 25SB-15 (10-12), 25SB-1 (0-2), and 25SB-1 (2-4)
- "not detected" semi-volatile result for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocylopentadiene for sample 25SB-1 (0-2)
- "not detected" semi-volatile result for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, benzoic acid, hexachlorocylopentadiene, n-nitrosodimethylamine, and pyridine for sample 25SB-8 (0-2)
- "not detected" semi-volatile results for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, phenol, and hexachlorocyclopentadiene, and pyridine for sample FB-3
- "not detected" semi-volatile results for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocyclopentadiene for samples 26SB-1 (0-2), 26SB-1 (6-8), and 26SB-1 (15-17)
- "not detected" semi-volatile result for pyridine for the field blank
- "not detected" SIM semi-volatile result for n-nitrosodimethylamine and pentachlorophenol for the field blank
- "not detected" semi-volatile results for 67 compounds for sample 26SB-2 (0-2)
- "not detected" semi-volatile results for 7 compounds for sample 26SB-4 (17-19)
- "not detected" pesticide results for target pesticides for sample 26SB-4 (0-2)
- "not detected" PCB results for target aroclors for sample 26SB-4 (0-2)
- "not detected" PFAS results for PFBA for samples 25SB-12 (3-5), 25SB-12 (11-13), 25SB-5 (0-2), 25SB-5 (3-5), 25SB-5 (11-13), 25-SB-DUP-2 (11-13), 25SB-13 (3-5), 25SB-4 (11-13), 25SB-10 (2-4), 25SB-10 (11-13), FB-1, and FB-2
- "not detected" PFAS results for PFMPA for all 15 soil samples, FB-2 and the field duplicate
- "not detected" PFAS results for PFBA for samples 25SB-15 (0-2). 25SB-15 (10-12). 25SB-1 (0-2), 25SB-1 (2-4), 25SB-1 (11-13), 25SB-14 (0-2), 25SB-14 (4-6), 25SB-14 (10-12), 25SB-11 (0-1.5), 25SB-7 (0-2), 25SB-7 (3-5), 25SB-7 (6-8), 25SB-3 (4-6), 25SB-3 (11-13), 25SB-8 (0-2), 25SB-15 (4-6), and FB-3
- "not detected" PFAS results for PFPeA for samples 25SB-15 (4-6), 25SB-14 (10-12), and 25SB-3 (11-13)

- "not detected" PFAS results for PFMPA for all 19 soil samples, FB-3, and the field duplicate

  Please note that although the data for 1,4-dioxane was rejected only under the VOCs list when analyzed via EPA Method 8260. Reporting limits (RLs) via EPA Method 8260 are higher and QC recoveries are always poor and therefore, qualified/rejected data for this one compound via EPA Method 8260 is common. RLs for 8270SIM are lower and as a result, have much better QC recoveries.

Groundwater:

The data are mostly usable and acceptable.

The following data were rejected:

- "not detected" SVOC result for n-nitrosodimethylamine in sample FB-1
- "not detected" SVOC results for hexachlorocyclopentadiene in samples MW-3, MW-DUP-1, and MW-7
- "not detected" SVOC results for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, hexachlorocyclopentadiene, and pyridine in samples MW-lD, MW-2, and MW-4
- "not detected" SVOC results for 4-nitrophenol, benzaldehyde, caprolactam, phenol, and pyridine in samples 26MW-1 and FB
- "not detected" SVOC-SIM results for N-nitrosodimethylamine in samples MW-lD, MW-2, MW-4, MW-II, MW-6, and MW-5
- "not detected" SIM SVOC results for n-nitrosodimethylamine in samples 26MW-1 and FB
- "not detected" PFAS results for PFTrDA, PFTeDA, N-EtFOSE, and N-MeFOSE in sample MW-2
- "not detected" PFAS results for PFBA, PFPeA, PFMPA, PFMBA, and 3 :3FTCA in sample FB-4
- "not detected" PFAS results for perfluoro-4-oxapentanoic acid (PFMPA) in samples MW-6 and FB
- "not detected" PFAS results for PFBA in samples MW-6, FB-5, and FB-1
- "not detected" wet chemistry result for hexavalent chromium in samples MW-2 and MW-6

Please note that although the data for 1,4-dioxane was rejected only under the VOCs list when analyzed via EPA Method 8260. Reporting limits (RLs) via EPA Method 8260 are higher and QC recoveries are always poor and therefore, qualified/rejected data for this

one compound via EPA Method 8260 is common. RLs for 8270SIM are lower and as a result, have much better QC recoveries.

Soil Vapor:

The data are mostly acceptable, and no soil vapor data were rejected.

All data that are considered usable with estimated (J, J+, or UJ) data associated with a higher level of quantitative uncertainty. All data that are not qualified rejected (R) are considered usable with estimated (J+, J, J-, UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews. Validated data, provided in ASP Category B Packages are submitted to the NYSDEC EQUIS database in an Electronic Data Deliverable (EDD) format.

5.8 Green Remediation and Sustainability

Green and Sustainable Remediation (GSR) principles were incorporated into both the Remedial Investigation and will be carried forward into the evaluation aand implementation of remedial alternatives in accordance with NYSDEC DER-31 guidance. The RI was completed using methods intended to minimize environmental footprint, reduce waste, and improve the overall sustainability of investigation activities.

5.8.1 GSR Objectives

The primary objectives of incorporating GSR into the remedial program include:

- Minimizing greenhouse gas (GHG) emissions and criteria air pollutants
- Reducing energy consumption and promoting use of renewable energy where feasible
- Conserving water resources during remedial implementation
- Minimizing generation of investigation-derived and remediation-derived waste
- Reducing impacts to the surrounding community, including noise, traffic, and air emissions

5.8.2 RI Phase Sustainability Measures

GSR measures implemented during the RI included:

- Consolidation of field activities to reduce mobilizations and associated fuel use
- Use of properly maintained, low-emission drilling equipment and enforcing anti-idling requirements.
- Use of direct-push drilling methods to minimize soil disturbance and waste generation
- Implementation of low-flow groundwater sampling techniques to minimize purge water generation

- Use of properly maintained low-emission equipment and adherence to anti-idling requirements
- Segregation and appropriate recycling/disposal of IDW streams
- Implementing the Community Air Monitoring Plan (CAMP) to protect nearby receptors and reduce air impacts.

Climate resiliency considerations included:

- Screening for potential flood, extreme precipitation, and heat-related vulnerabilities based on current NYSDEC climate-resiliency criteria.
- Scheduling intrusive work to avoid storm events and securing boring locations to prevent infiltration.
- Evaluating potential impacts of future climate conditions (e.g., increased rainfall, stormwater intrusion) on any future remedial components.

5.8.3 Environmental Footprint Analysis

As part of the remedial program and in accordance with DER-31 Green Remediation, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis was completed. The environmental footprint analysis was completed using an accepted environmental footprint analysis calculator, SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA). SEFA sheets are provided in Appendix J. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction, and material use were estimated, and goals for the project related to these green and sustainable remediation metrics. The following footprint was calculated at the Site between May 2, 2025, through February 11, 2026.

- It was estimated that approximately 12,925 pounds of greenhouse gas emissions (GHG) emissions (carbon dioxide equivalents of global warming potential), 134 pounds of NOx emissions, 229 pounds of SOx emissions, 36 pounds of particulate matter (PM) emissions, and 25 pounds of hazardous air pollutants (HAPs) were emitted during the Remedial Investigation at the Site.

6.0 CONCEPTUAL SITE MODEL

The Conceptual Site Model (CSM) integrates Site history, subsurface conditions, and analytical results to characterize the nature and extent of contamination identified beneath the Site. Investigation results were compared to the following applicable standards and guidance values, and four areas of concern were identified:

- NYSDEC Part 375 Unrestricted Use SCOs, Restricted Residential Use SCOs, and Protection of Groundwater SCOs
- NYSDEC TOGS 1.1.1 AWQS and NYSDEC Guidance Values

6.1 Site Contaminants

The following contaminants of concern were identified at the Site:

- PAHs and Metal Impacts in Soil
- CVOCs in Soil, Groundwater, and Soil Vapor
- Metals in Groundwater
- PFAS compounds in Groundwater

6.1.1 SVOCs (PAHs) and Metal Impacts in Soil

Contaminants associated with urban fill from unknown sources were identified across the Site. A historic urban fill layer extending down to approximately 5 feet below the majority of the Site. The fill material predominantly consists of primarily brown and dark brown fine to medium sand with varying amounts of gravel, concrete, asphalt, glass, and silt. Based on the investigation results, these fill layers have detections of SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), and metals. Eleven SVOCs, including polycyclic aromatic hydrocarbons (PAHs), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, dibenzofuran, indeno(1,2,3-cd)pyrene, naphthalene, and phenanthrene were detected at concentrations exceeding their respective UUSCOs. The RRSCO for two of these SVOCs [benzo(a)pyrene and dibenzo(a,h)anthracene] are the same as the UUSCOs and therefore, also exceeded their respective RRSCOs. Benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, and phenanthrene have differing UUSCOs and RRSCOs but were detected at concentrations above both UUSCOs and RRSCOs. Only dibenzofuran and naphthalene were detected at concentrations exceeding its respective UUSCO but below its RRSCO.

Four metals (copper, lead, zinc, and mercury) were detected at concentrations exceeding their respective UUSCOs in twelve soil samples and one soil duplicate sample. Of these, two metals, lead and mercury also exceeded their respective RRSCOs in two shallow soil samples. Mercury also exceeded its respective RRSCO in one intermediate soil sample.

The SVOC and metal exceedances in soil were identified in generally shallow depths, specifically the 0-to-2-foot interval and 3-to-5-foot interval, and can be attributed to the presence of historic fill at the Site.

6.1.2 CVOCs in Soil, Groundwater and Soil Vapor

Four VOCs, including tetrachloroethylene (PCE), toluene, trichloroethylene (TCE), and trichlorofluoromethane, were detected above their respective AWQS in five groundwater samples. The petroleum-related VOC toluene was detected in two groundwater samples in the western and central portions of the Site, slightly above its AWQS of 5 ug/L (6.27 ug/L in MW-1I and 15 ug/L in MW-4). The three CVOCs, PCE, TCE, and trichlorofluoromethane (Freon 11) were detected at concentrations ranging from 10.1 µg/L to 82 µg/L above the AWQS of 5 ug/L for all three CVOCs. PCE exceedances were detected in four monitoring wells, MW-1, MW-1I, MW-4, and MW-7, located in the southwestern and south-central portion of the Site, with concentrations 10.1 µg/L to 42 µg/L. TCE exceedances were detected in three monitoring wells, MW-1, MW-4, and MW-7, with concentrations 11 µg/L to 79 µg/L. Both PCE and TCE exceedances were identified in monitoring wells located in the southwestern and south-central portions of the Site. Trichlorofluoromethane only exceeded AWQS in one monitoring well, MW-5, at a concentration of 82 µg/L in the southeastern portion of the Site.

Soil vapor results showed concentrations of CVOCs in all soil vapor samples. The highest concentrations of CVOCs detected were of PCE at 25SV-2 (5,900 µg/m^3) and TCE at 25SV-2 (4,200 µg/m^3), located in the central portion of the Site. PCE was detected in eight soil vapor samples and the two duplicate soil vapor samples, ranging from 1.6 µg/m^3 in 25SV-5 to 7,300 µg/m^3 in 25SV-DUP-1 (collected from the 25SV-2 location). PCE was not detected in the outdoor ambient 25OA-1 sample; however, PCE was detected at 0.88 µg/m^3 in the outdoor ambient 26OA-1 sample. TCE was detected in six soil vapor samples and the two duplicate soil vapor samples, ranging from 3.9 µg/m^3 in 26SV-3 to 4,200 µg/m^3 in 25SV-2. TCE was not detected in the outdoor ambient air samples. Trichlorofluoromethane (Freon 11) was detected in four soil vapor samples and the duplicate soil vapor sample, ranging from 2.1 µg/m^3 in 26SV-2 to 3,300 µg/m^3 in 25SV-2. Trichlorofluoromethane (Freon 11) was detected at 1.2 µg/m^3 in the outdoor ambient 26OA-1 sample.

The highest CVOC concentrations in both groundwater and soil vapor are in proximity to one another in the south and central portions of the Site. Since concentrations of CVOCs were also detected in the soil, the presence of CVOCs in groundwater and soil vapor is indicative of an on-site source.

6.1.3 Metals in Groundwater

A total of thirteen metals, including arsenic, barium, cadmium, chromium (total and hexavalent), copper, lead, magnesium, manganese, nickel, selenium, sodium, and zinc, were detected at concentrations exceeding their respective AWQS in both the total and dissolved

metals analysis. Of these metals, arsenic, barium, cadmium, copper, magnesium, manganese, nickel, selenium, sodium, and zinc. Only two non-naturally occurring metals, chromium (total and hexavalent) and lead, were detected in total and dissolved groundwater samples in monitoring well MW-2 in the central portion of the Site and 26MW-1 in the northern portion of the Site. During the RI, MW-2 and 26MW-1 were observed to have low groundwater recharge, and the well could not be properly sampled using low flow techniques to have the groundwater quality parameters stabilize prior to collecting a sample due to low volume. This slight exceedance can be attributed to excessive entrained sediment due to the need to collect a groundwater sample from this monitoring well location without having the turbidity drop to stabilized levels and is not likely attributable to an on-site source.

6.1.4 PFAS Compounds in Groundwater

A total of two PFAS compounds, including Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA), were detected at concentrations exceeding their respective NYSDEC Part 375 PFAS Remedial Program guidance values. PFOS was detected at a concentration of 10.7 ng/L, slightly exceeding its NYSDEC Part 375 Remedial Program guidance value of 10 ng/L in one groundwater sample collected at monitoring well MW-4 located in the south-central portion of the Site. PFOA was detected in all groundwater samples except for the groundwater sample collected from monitoring well MW-6. The highest concentration of PFOA was detected at 170 ng/L in MW-3, located in the northeastern portion of the Site. However, no PFAS compounds were detected in soil. Based on this, the presence of PFAS Compounds in groundwater is likely attributed to an off-site source.

7.0 QUALITATIVE EXPOSURE ASSESSMENT

The objective of the qualitative exposure assessment is to identify potential receptors and pathways for human exposure to the contaminants of concern (COC) that are present at, or migrating from, the Site. Human health exposure risk was evaluated in accordance with Appendix 3B NYSDOH Qualitative Human Health Exposure Assessment and Section 3.3(c)4 of the NYSDEC DER-10. The five elements of an exposure pathway are the (1) source of contamination; (2) environmental media and transport mechanisms; (3) point of exposure; (4) route of exposure; (5) receptor population based on past, present or future events. The potentially exposed receptors and how any unacceptable exposures may be eliminated are determined from an assessment of the primary use of the area, actual and potential use of ground and surface waters that are impacted or threatened, and how any potential routes of exposure may be eliminated.

7.1 Contaminant Sources

Based on the results of the RI, on-site contaminants to be evaluated for human health exposure risk include contaminants of concern at the Site include PAHs and metals in soil, chlorinated solvents in soil, groundwater and soil vapor, metals and PFAS Compounds in groundwater.

The PAHs and metals detections in soil samples are generally consistent with historic fill material observed throughout NYC and not likely attributed to historic uses or a source at the Site.

Low concentrations of CVOCs were identified in soil samples at the Site. The groundwater and soil vapor in the southern and central portions of the Site are impacted with chlorinated solvents, specifically PCE, TCE, and trichlorofluoromethane (Freon 11), which were detected at elevated concentrations. However, across the entire Site, no VOCs were detected above Unrestricted Use SCOs, and only trace detections above laboratory reporting limits of the CVOCs found in groundwater and soil vapor were detected in soil. The Site has historical records of halogenated solvent waste generation. Although concentrations of CVOCs did not exceed regulatory SCOs, CVOCs were also detected in the soil, indicating that the presence of CVOCs in groundwater and soil vapor is indicative of an on-site source.

Although elevated metals were detected in groundwater, ten out of thirteen of the metals exceeding their AWQS were arsenic, barium, cadmium, copper, magnesium, manganese, nickel, selenium, sodium, and zinc, which are known to be naturally occurring metals. The three non-naturally occurring metals exceeding its AWQS was chromium (total and hexavalent) and lead at the location of monitoring well MW-2 and 26MW-1, which were observed to have low groundwater recharge. Groundwater samples were collected from this well without letting the groundwater quality parameters stabilize via low flow sampling techniques and the exceedances are likely attributable to entrained sediment due

to high turbidity at the time of sampling. Chromium and lead were not detected above its AWQS in any other well and these exceedances are unlikely to be attributed to an on-Site source. The groundwater across the Site is impacted with PFAS Compounds, specifically PFOS and PFOA were detected at elevated concentrations. PFOS was detected at a concentration of 10.7 ng/L, slightly exceeding its NYSDEC Part 375 Remedial Program guidance value of 10 ng/L in one groundwater sample collected at monitoring well MW-4 located in the south-central portion of the Site. PFOA was detected in all groundwater samples except for the groundwater sample collected from monitoring well MW-6. However, no PFAS compounds were detected in soil. Based on this, the presence of PFAS Compounds in groundwater is likely attributed to an off-site source.

7.2 Current Conditions

The Site is located in a densely developed part of Long Island City, New York. The Site is currently vacant. The ground surfaces are currently covered by the former buildings' concrete slabs and an asphalt-paved parking lot. Cracks, drains, or damage to concrete slabs and asphalt can act as preferential pathways for contaminated soil vapor. Therefore, human exposure to contaminated soil through dermal absorption, inhalation, and ingestion is limited but not unlikely.

As groundwater in this area of New York City is not used as a potable water source, a complete exposure pathway to groundwater under current site conditions is unlikely.

Although the Site is covered with the current buildings' concrete slabs and asphalt pavement, cracks, drains, or damage to concrete slabs and asphalt were observed and can act as preferential pathways for contaminated soil vapor.

7.3 Exposure Route

An exposure route is the mechanism by which a receptor comes into contact with a chemical. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill, and/or soil;
- Inhalation of vapors and/or particulates; and
- Dermal contact with water, fill, soil, and/or building materials.

7.4 Potential Sensitive Receptors

On-Site Receptors: The site is currently vacant and capped with the existing buildings' concrete slab and an asphalt-paved parking lot. The Site is secured with locked roll-up metal doors and typical doorways for both Site buildings, and the entrance to the parking lot is controlled by a locked gate. Onsite receptors are limited to workers, trespassers, site representatives and visitors granted access to the property. Under proposed future conditions, potential on-site receptors include workers, residents, and visitors.

Off-Site Receptors: Potential off-site receptors within a 500-foot radius of the Site include adult and child residents; commercial and construction workers; pedestrians; and trespassers based on the following land uses within 500 feet of the Site:

1. Commercial Businesses – existing and future
2. Residential Buildings – existing and future
3. Building Construction/ Renovation – existing and future
4. Pedestrians, Trespassers, Cyclists – existing and future
5. Schools – existing and future

Community Air Monitoring Program (CAMP) will be implemented at the Site during intrusive activities to monitor air quality the public.

7.5 Potential Exposure Pathways

On-Site: Although the Site is covered with the former buildings' concrete slabs and asphalt pavement, cracks, drains, or damage to concrete slabs and asphalt were observed, and can act as preferential pathways for contaminated soil vapor. Human exposure to contaminated soil through dermal absorption, inhalation, and ingestion is likely due to the condition of the current site cover.

As groundwater in this area of New York City is not used as a potable water source, a complete exposure pathway to groundwater under current site conditions is unlikely.

Although the Site is covered with the former buildings' concrete slabs and asphalt pavement, cracks, drains, or damage to concrete slabs and asphalt were observed, and can act as preferential pathways for contaminated soil vapor. Once construction activities begin, a potential exposure pathway may exist for construction workers and inspectors to come into direct contact with soil. Any future site remediation activities would be conducted under a HASP, which would control and limit human exposure to on-site contaminants.

Off-Site: There is an existing potential exposure pathway from soil gas emanating from on-site CVOCs entering neighboring properties as a result of any floor or wall openings/cracks, although these CVOCs are likely attributed to an off-site soil vapor source. Although it is unlikely, the indoor air quality at the adjoining properties may be susceptible to contamination from subsurface vapor intrusion attributable to CVOCs in the area. The potential receptors from such a migration pathway into the building would be to: off-site construction and commercial workers, adult and child residents, and visitors. The primary route of exposure would be inhalation.

During the redevelopment (excavation activities), the potential exists for off-site vapor intrusion risk to off-site receptors. In the absence of a CAMP and HASP, during ground intrusive activities, off-site receptors could be exposed to particulates and vapors. The

implementation of a CAMP and HASP during intrusive work will monitor and limit off-site receptor's exposure to particulates and vapors.

As groundwater in this area of New York City is not used as a potable water source, a complete exposure pathway to groundwater under current site conditions is unlikely.

Once the redevelopment is completed, it is unlikely for a new foundation with the addition of a vapor barrier engineering control that would allow for vapor migration into the building. Based on the findings, the evaluation during the remedy will include a provision for implementing actions recommended to address exposures related to soil vapor intrusion.

7.6 Exposure Assessment Conclusions and Recommendations

Based upon this analysis, exposure to contaminants in soil and groundwater is not expected, but not unlikely under current conditions, as the site is capped with former buildings' concrete slabs and asphalt pavement with some cracks, and groundwater in this area of New York City is not used as a potable water source. There is an existing potential exposure pathway from soil gas emanating from CVOCs entering neighboring properties as a result of any possible floor or wall openings/cracks. Although it is unlikely, the indoor air quality at the adjoining properties may be susceptible to contamination from subsurface vapor intrusion attributable to CVOCs in the area. Once remediation/construction activities start, any potential exposure pathway will be monitored and controlled by implementation of a CAMP and HASP.

During redevelopment (excavation activities), the potential exists for off-site vapor intrusion risk to off-site receptors through inhalation. In the absence of a CAMP and HASP, during ground intrusive activities, off-site receptors could be exposed to particulates and vapors. Monitoring and control measures have been and will continue to be used during any investigation and any future planned remediation to prevent completion of this pathway. Under future conditions, the Site will be remediated, and engineering and institutional controls will be implemented, if necessary, to prevent completion of this pathway.

8.0 DEVIATIONS

No significant deviations from the NYSDEC- and NYSDOH-approved RIWP occurred during the investigations, except for the following:

- Additional borings (25SB-16, 25SB-17, 25SV-2N, and 25SV-2S) were installed during a second mobilization to complete the installation of monitoring wells on May 27, 2025, upon discussion with the NYSDEC on May 22, 2025. Two of these borings (25SV-2N and 25SV-2S) were installed in the immediate vicinity of 25SV-2, where the highest CVOCs were detected, and the remaining two borings (25SB-16 and 25SB-17) were installed in the western portion, where there was a data gap during the investigations.
- The RIWP did not include Lot 12 sampling as this parcel was acquired after the completion of RI.

9.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the RI, the following conclusions were made:

- The stratigraphy of the Site, from the surface down, consists of a historic urban fill layer extending to approximately 5 feet below the majority of Site and consisted of primarily of brown and dark brown fine to medium sand, with little silt with gravel, soil from 5 to 15 feet consisted of primarily brown sand/silt mixtures, with traces of gravel.
- The topography of the Site is relatively level at the Site, ranging from approximately 25 feet (NAVD88) in the southeastern portion to 37 feet (NAVD88) in the central east portion. The average depth to groundwater was determined was observed between approximately 14.5 to 20 feet or el. 14.68 and 17.36 North American Vertical Datum 1988 (NAVD88) during the RI.
- Geophysical surveys did not identify any areas of concern indicative of anomalies consistent with USTs.
- Although VOCs were detected in the soil samples, no VOCs were detected above their respective UUSCOs or PGWSCOs, as applicable.
- No PCBs were detected above Unrestricted Use SCOs in the soil samples.
- Eleven SVOCs, including polycyclic aromatic hydrocarbons (PAHs), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, dibenzofuran, indeno(1,2,3-cd)pyrene, naphthalene, and phenanthrene were detected at concentrations exceeding their respective UUSCOs. Nine out of eleven of these SVOCs were detected at concentrations above their respective RRSCOs with the exception of dibenzofuran and naphthalene, which were the only SVOCs deted above their UUSCOs and below its RRSCO. The exceedances were identified in the samples collected from shallow depths consisting of historical fill material at four soil boring locations in the 0-to-2-foot interval.
- One pesticide, 4,4'-DDT, was detected at a concentration slightly exceeding its respective UUSCO but below its RRSCO in one shallow soil sample 25SB-10 (0-2').
- One or more of up to four metals, including copper, lead, zinc, and mercury, were detected at concentrations exceeding their respective UUSCOs in twelve soil samples and one soil duplicate sample. Of the four metals detected, two metals lead and mercury, were detected at concentrations exceeding their respective RRSCOs in two shallow (0-to-2-foot interval) soil samples, 25SB-10 (0-2') and 25SB-12 (0-2'). Mercury was also detected in one intermediate (3-to-5-foot interval) soil sample 25SB-12 (3-5).

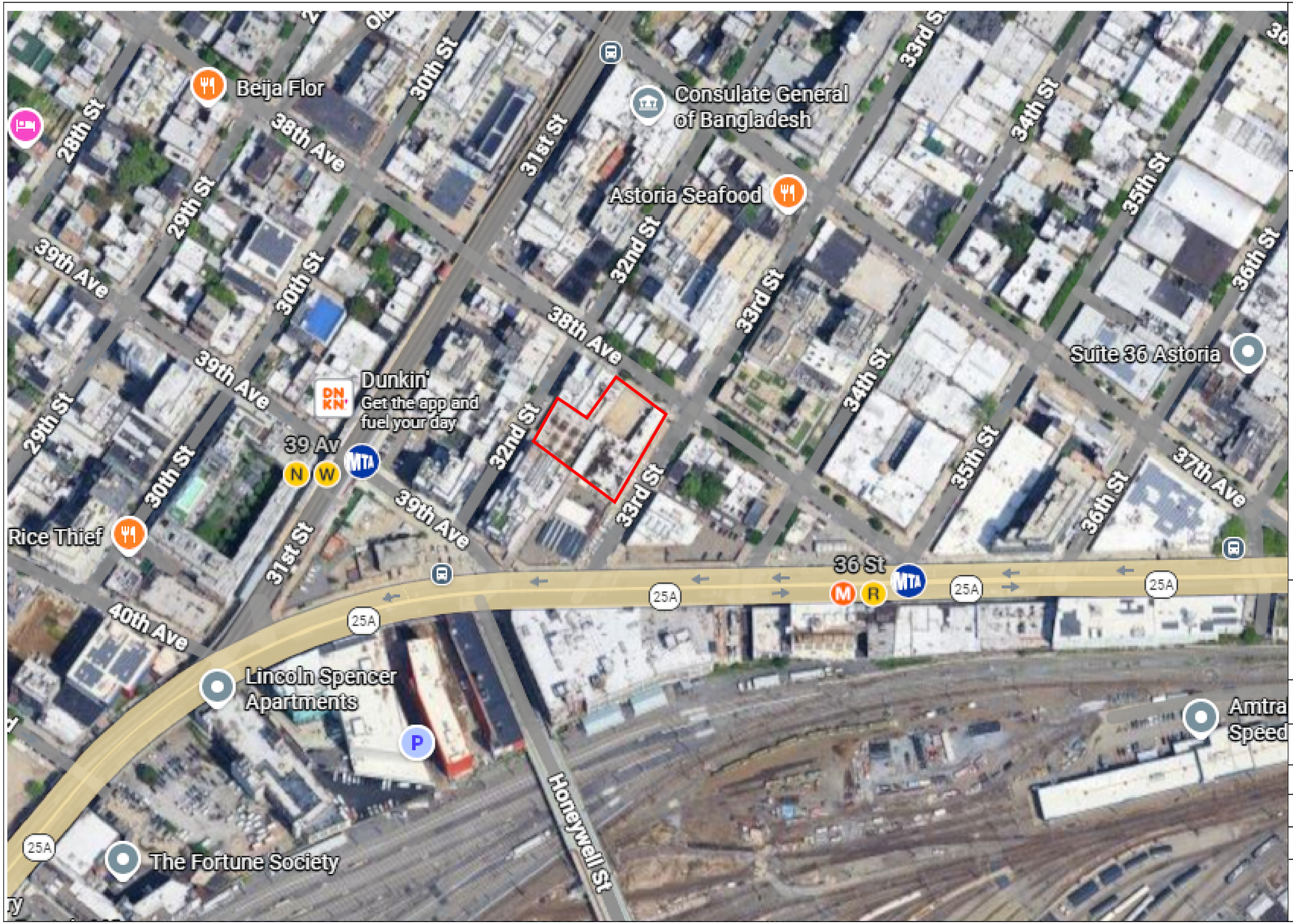
- No PFAS or 1,4-dioxane compounds were detected in any of the soil samples.
- Five VOCs, specifically chloroform, tetrachloroethylene (PCE), toluene, trichloroethylene (TCE), and trichlorofluoromethane, were detected above their respective AWQS in the groundwater samples. The Site has historical records of halogenated solvent waste generation. Although concentrations of CVOCs did not exceed regulatory SCOs in soil samples, they were detected in the soil, indicating that the presence of CVOCs in groundwater is indicative of an on-site source.
- No SVOCs were detected above their AWQS in any groundwater samples.
- One pesticide, dieldrin, was detected at a concentration of 0.149 µg/L above its respective AWQS of 0.004 µg/L in groundwater sample MW-7.
- No PCBs were detected above their AWQS in any groundwater samples.
- Non-naturally occurring metals chromium (max. of 3,140 µg/L in 26MW-1) was detected in the total analyses at a total concentration of 3,140 µg/L in monitoring well 26MW-1, and total and dissolved analyses at a dissolved concentration of 63.1 µg/L in monitoring well MW-2, both detections are above its AWQS of 50 µg/L; lead (max. of 1,040 µg/L in 26MW-1) was detected in the total analyses at a concentration of 1,040 µg/L in monitoring well 26MW-1, above its AWQS of 25 µg/L. Magnesium, selenium and sodium were also detected in both the total and dissolved analyses above their respective AWQS but are known to be naturally occurring metals. Arsenic, barium, cadmium, copper, nickel, selenium, and zinc, were detected at concentrations exceeding their respective AWQS in the total metals analysis in the one 26MW-1 groundwater sample. The exceedances are likely attributable to entrained sediment due to low groundwater recharge observed at this monitoring well at the time of sampling.
- Two PFAS compounds, PFOS and PFOA, were detected above the regulatory limits, PFOS in one sample and PFOA in nine groundwater samples.
- Elevated concentrations of chlorinated VOCs (CVOCs) were present in soil vapor samples. The highest concentrations of CVOCs detected were of PCE at 25SV-2 (5,900 µg/m3) and TCE at 25SV-2 (4,200 µg/m3), located in the southern and central portions of the Site. Although concentrations of CVOCs did not exceed regulatory SCOs in soil samples, they were detected in the soil and groundwater, indicating that the presence of CVOCs in soil vapor is indicative of an on-site source.

Based on the results of the RI, remedial action will be necessary. Applicable strategies and technologies may include, but are not limited to, historic fill removal in accordance with all applicable laws and regulations, and installation of engineering controls.

10.0 REFERENCES

- NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. New York: issued May 3, 2010, effective June 18, 2010.
- NYSDEC. 6 NYCRR Part 375 Environmental Remediation Programs, Environmental Remediation Programs, Subparts 375-1 to 375- 4 & 375-6. New York: Author, December 2006.
- Phase I Environmental Site Assessment at 32-20 38th Avenue, Queens, New York, by H2M Architects + Engineers, January 2023
- Phase I Environmental Site Assessment at 38-18 33rd Street, Queens, New York by H2M Architects + Engineers, January 2023
- Phase II Investigation Report by Vektor Consultants LLC dated August 2024
- Phase I Environmental Site Assessment Report by Vektor Consultants LLC, dated September 2024
- Phase II Investigation Report at 32-10 38th Avenue, Queens, New York by Vektor Consultants, November 2025
- NYSDEC, October 22, 1993, Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
- NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 with updates.
- United States Environmental Protection Agency (USEPA), Low Flow Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells, September 19, 2017.

FIGURES



vEKtor consultants

t: +1.347.871.0750
f: +1.347.402.7735
e: info@vektorconsultants.com
www.vektorconsultants.com

Legend:

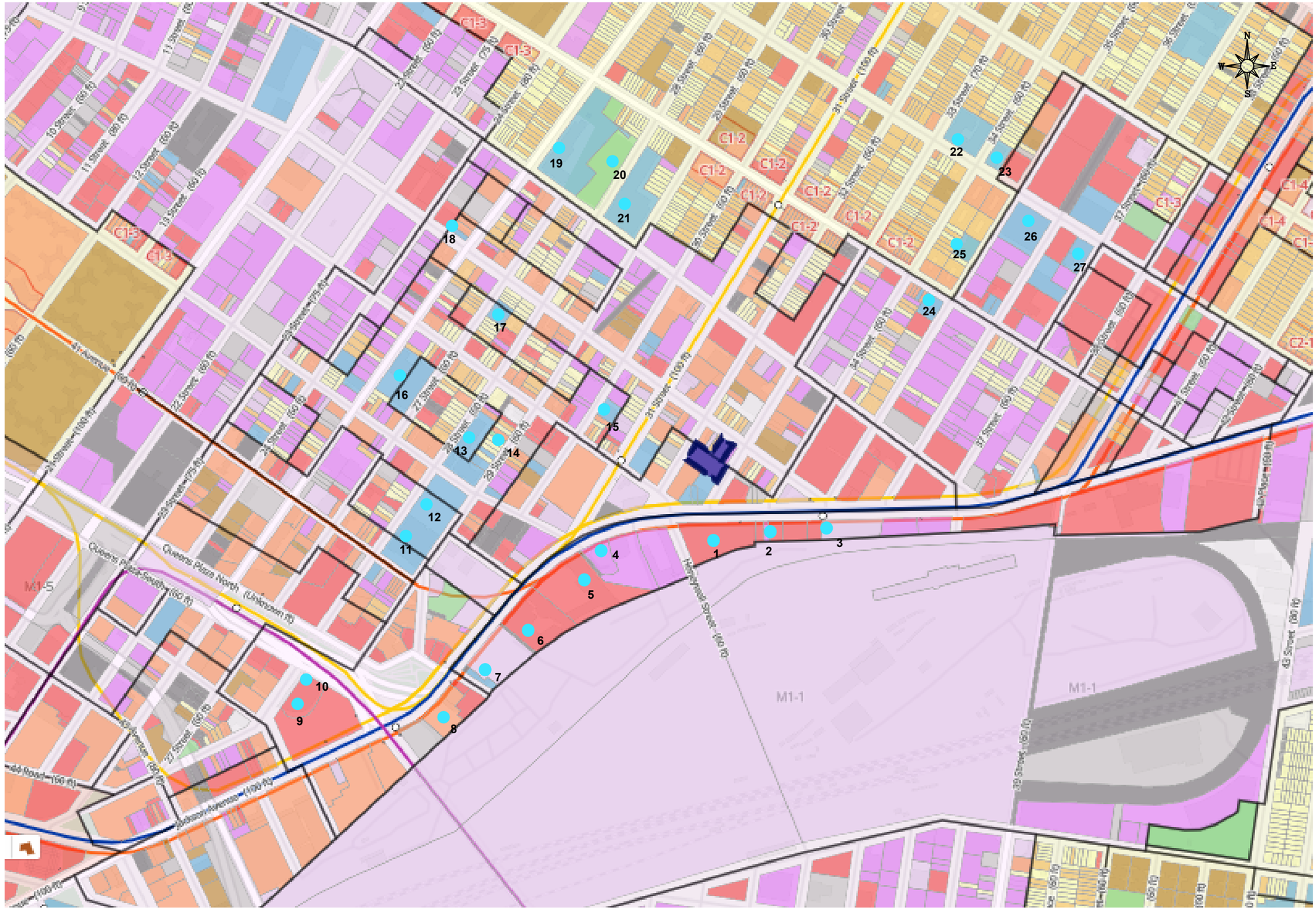
Approximate BCP Site Boundary

Notes:

1. Base Map provided by Google Earth

Scale: NOT TO SCALE

Figure No.	1
Figure Name:	SITE LOCATION MAP
Report:	RIR
Date:	9/20/2024
Drawn By:	KB
Site Address:	32-10 38TH AVENUE, 32-20 38TH AVENUE & 38-13 33RD STREET QUEENS, NEW YORK



vEKtor consultants

t: +1.347.871.0750
f: +1.347.402.7735
e: info@vektorconsultants.com
www.vektorconsultants.com

Legend:

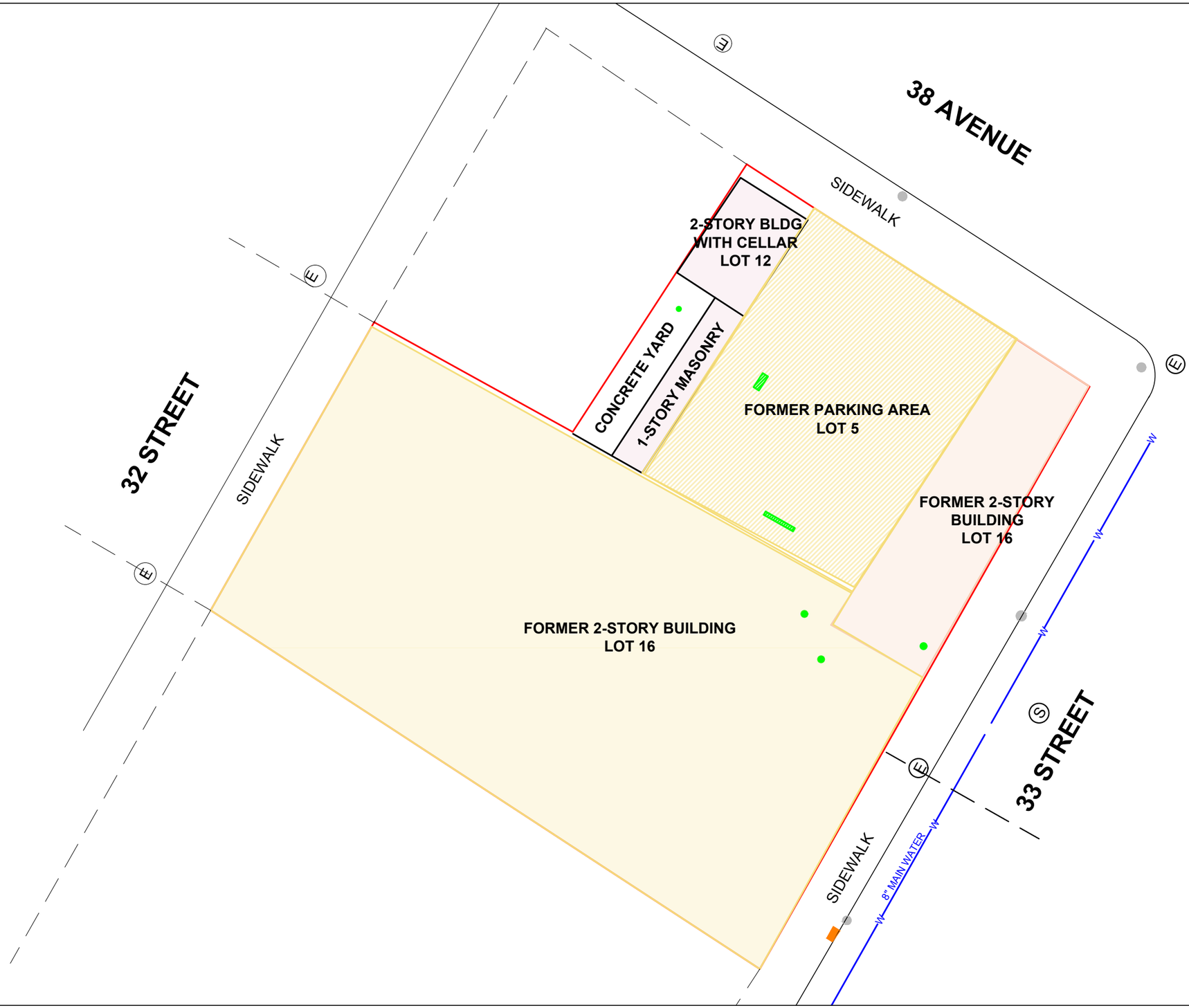
- One and Two Family Buildings
- Multi-Family Walk-Up Buildings
- Multi-Family Elevator Buildings
- Mixed Residential and Commercial Buildings
- Commercial and Office Buildings
- Industrial and Manufacturing
- Transportation and Utility
- Public Facilities and Institutions
- Open Space and Outdoor Recreation
- Parking Facilities
- Vacant Land
- Other
- Mandatory Inclusionary Housing Areas
- Sensitive Receptors and ID
- Site Boundary

Base map provided by NYC Planning

Scale:

0 600' 1,200'

Figure No.	2
Figure Name:	SITE BOUNDARY & SURROUNDING LAND USE
Report:	RIR
Date:	3/20/25
Drawn By:	DK
Site Address:	32-10 38TH AVENUE, 32-20 38TH AVENUE & 38-13 33RD STREET QUEENS, NEW YORK



vEKtor consultants

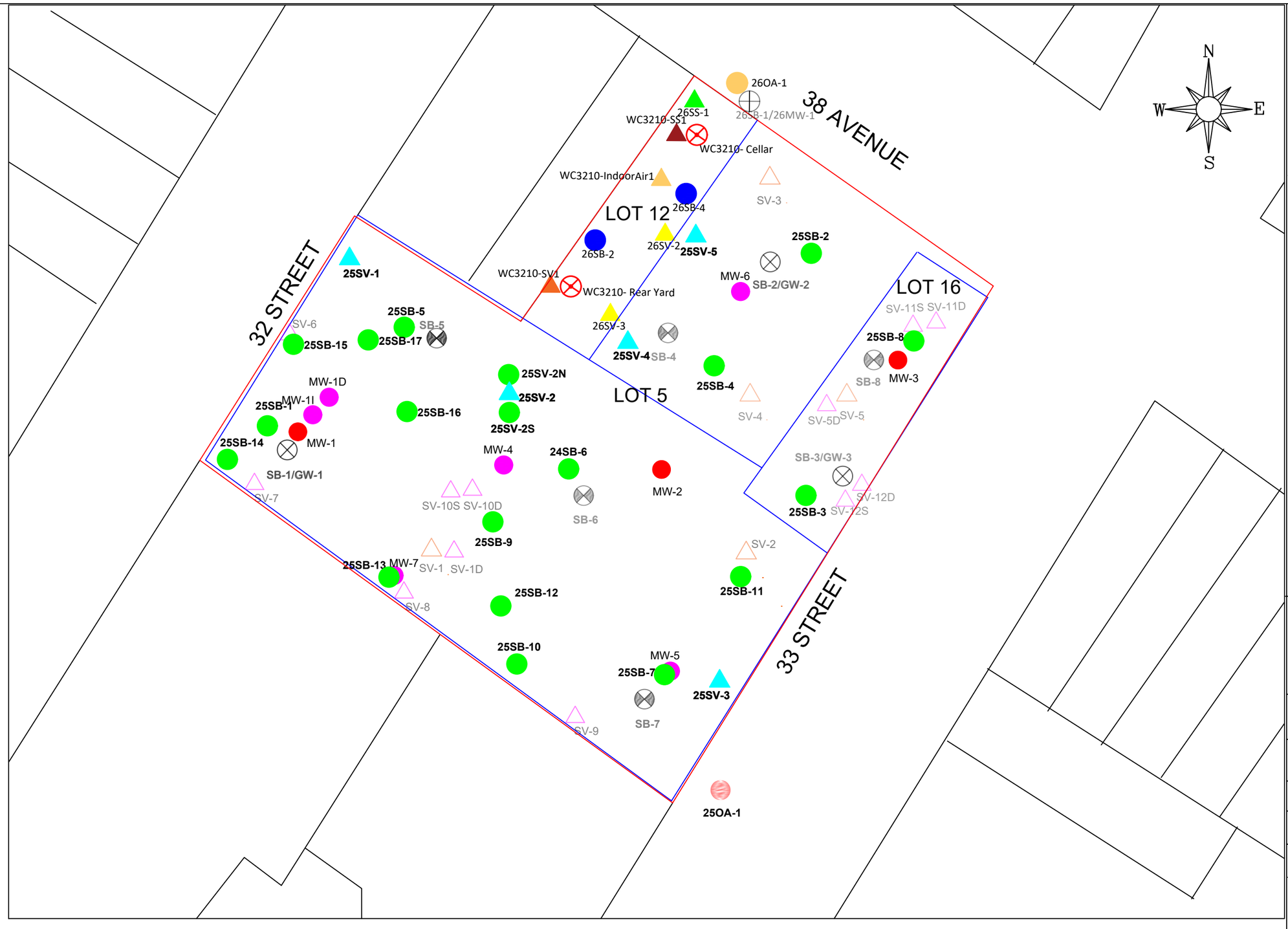
t: +1.347.871.0750
f: +1.347.402.7735
e: info@vektorconsultants.com
www.vektorconsultants.com

Legend:

- BCP Site Boundary
- Former Building Footprint on Lot 16
- Former Building Footprint on Lot 5
- Paved Parking Footprint on Lot 5
- Building Footprint on Lot 12
- Electrical Manhole
- Sewer Manhole
- Floor Drain
- Metal Cover
- Utility Pole

Scale: 0 25' 50'

Figure No.	3
Figure Name:	SITE PLAN
Report:	RIR
Date:	3/13/2026
Drawn By:	EK
Site Address:	32-10 38TH AVENUE, 32-20 38TH AVENUE & 38-13 33RD STREET QUEENS, NEW YORK



vEKtor consultants

t: +1.347.871.0750
f: +1.347.402.7735
e: info@vektorconsultants.com
www.vektorconsultants.com

Legend:

- BCP Site Boundary
- Building Boundary
- SB-X — Prior Soil Boring Location and ID (July 2024)
- SB-X/GW-X — Prior Soil Boring/Groundwater Sample Location and ID (July 2024)
- SV-X — Prior Soil Vapor Point Location and ID (July 2024)
- SV-X — Prior Soil Vapor Point Location and ID (August 2024)
- MW-X — Monitoring Well Location and ID (August 2024)
- MW-X — Monitoring Well Location and ID (May 2024)
- 25SB-X — Soil Boring Location and ID (May 2025)
- 25SV-X — Soil Vapor Point Location and ID (May 2025)
- 25OA-X — Outdoor Ambient Air Location and ID (May 2025)
- 26SB-X — Soil Boring Location and ID (February 2026)
- 26SV-X — Soil Vapor Location and ID (February 2026)
- 26SB-1/26MW-1 — Soil Boring/Monitoring Well Location and ID (February 2026)
- WCXX — Soil Vapor Location and ID (November 2025)
- WCXX — Soil Boring Location and ID (November 2025)
- 26OA-X — Outdoor Ambient Air Location and ID (2026)
- WCXX-IndoorAirX — Indoor Air Sample Location and ID (November 2025)
- 26SS-X — Sub-Slab Soil Vapor Location and ID (February 2026)
- WCXX — Sub-Slab Soil Vapor Location and ID (November 2025)

Scale: 0 25' 50'

Figure No.	4
Figure Name:	SAMPLING PLAN
Report:	RIR
Date:	3/12/2026
Drawn By:	KB
Site Address:	32-10 38TH AVENUE, 32-20 38TH AVENUE & 38-13 33RD STREET QUEENS, NEW YORK

vEKtor consultants

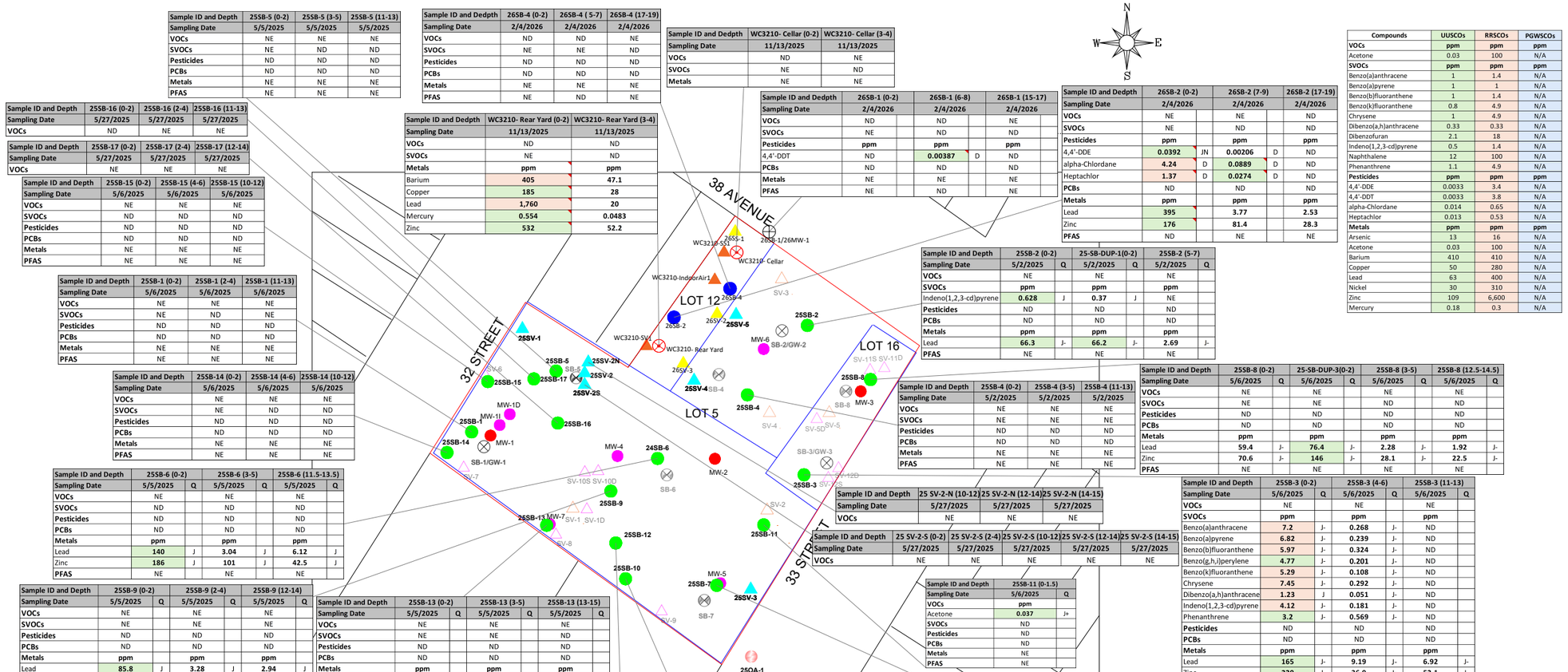
t: +1.347.871.0750
f: +1.347.402.7735
e: info@vektorconsultants.com
www.vektorconsultants.com

Legend:

- Property Boundary
- Monitoring Well
- 15.08 Groundwater Elevation (feet)
- Groundwater Elevation Contour Line (feet)
  Contour Interval = 0.5 feet
- 15.08 Groundwater Elevation (feet)
- Groundwater Flow Direction

Scale: 0 25' 50'

Figure No.	5
Figure Name:	GROUNDWATER CONTOUR PLAN
Report:	RIR
Date:	3/16/2026
Drawn By:	KB
Site Address:	32-10 38TH AVENUE, 32-20 38TH AVENUE & 38-13 33RD STREET QUEENS, NEW YORK



Sample ID and Depth	25SB-5 (0-2)	25SB-5 (3-5)	25SB-5 (11-13)
Sampling Date	5/5/2025	5/5/2025	5/5/2025
VOCs	NE	NE	NE
SVOCs	NE	ND	ND
Pesticides	ND	ND	ND
PCBs	ND	ND	ND
Metals	NE	NE	NE
PFAS	NE	NE	NE

Sample ID and Depth	25SB-16 (0-2)	25SB-16 (2-4)	25SB-16 (11-13)
Sampling Date	5/27/2025	5/27/2025	5/27/2025
VOCs	ND	NE	NE

Sample ID and Depth	25SB-17 (0-2)	25SB-17 (2-4)	25SB-17 (12-14)
Sampling Date	5/27/2025	5/27/2025	5/27/2025
VOCs	NE	NE	NE

Sample ID and Depth	25SB-15 (0-2)	25SB-15 (4-6)	25SB-15 (10-12)
Sampling Date	5/6/2025	5/6/2025	5/6/2025
VOCs	NE	NE	NE
SVOCs	ND	ND	ND
Pesticides	ND	ND	ND
PCBs	ND	ND	ND
Metals	NE	NE	NE
PFAS	NE	NE	NE

Sample ID and Depth	25SB-1 (0-2)	25SB-1 (2-4)	25SB-1 (11-13)
Sampling Date	5/6/2025	5/6/2025	5/6/2025
VOCs	NE	NE	NE
SVOCs	NE	ND	NE
Pesticides	ND	ND	ND
PCBs	ND	ND	ND
Metals	NE	NE	NE
PFAS	NE	NE	NE

Sample ID and Depth	25SB-14 (0-2)	25SB-14 (4-6)	25SB-14 (10-12)
Sampling Date	5/6/2025	5/6/2025	5/6/2025
VOCs	NE	NE	NE
SVOCs	NE	ND	ND
Pesticides	ND	ND	ND
PCBs	ND	ND	ND
Metals	NE	NE	NE
PFAS	NE	NE	NE

Sample ID and Depth	25SB-6 (0-2)		25SB-6 (3-5)		25SB-6 (11.5-13.5)	
Sampling Date	5/5/2025	Q	5/5/2025	Q	5/5/2025	Q
VOCs	NE		NE		NE	
SVOCs	ND		ND		ND	
Pesticides	ND		ND		ND	
PCBs	ND		ND		ND	
Metals	ppm		ppm		ppm	
Lead	140	J	3.04	J	6.12	J
Zinc	186	J	101	J	42.5	J
PFAS	NE		NE		NE	

Sample ID and Depth	25SB-9 (0-2)		25SB-9 (2-4)		25SB-9 (12-14)	
Sampling Date	5/5/2025	Q	5/5/2025	Q	5/5/2025	Q
VOCs	NE		NE		NE	
SVOCs	NE		NE		NE	
Pesticides	ND		ND		ND	
PCBs	ND		ND		ND	
Metals	ppm		ppm		ppm	
Lead	85.8	J	3.28	J	2.94	J
PFAS	NE		NE		NE	

Sample ID and Depth	26SB-4 (0-2)	26SB-4 (5-7)	26SB-4 (17-19)
Sampling Date	2/4/2026	2/4/2026	2/4/2026
VOCs	ND	ND	NE
SVOCs	NE	NE	ND
Pesticides	ND	ND	ND
PCBs	ND	ND	ND
Metals	NE	NE	NE
PFAS	NE	ND	NE

Sample ID and Depdth	WC3210- Rear Yard (0-2)	WC3210- Rear Yard (3-4)
Sampling Date	11/13/2025	11/13/2025
VOCs	ND	ND
SVOCs	NE	ND
Metals	ppm	ppm
Barium	405	47.1
Copper	185	28
Lead	1,760	20
Mercury	0.554	0.0483
Zinc	532	52.2

Sample ID and Depdth	WC3210- Cellar (0-2)	WC3210- Cellar (3-4)
Sampling Date	11/13/2025	11/13/2025
VOCs	ND	NE
SVOCs	NE	ND
Metals	NE	NE

Sample ID and Depdth	26SB-1 (0-2)		26SB-1 (6-8)		26SB-1 (15-17)	
Sampling Date	2/4/2026		2/4/2026		2/4/2026	
VOCs	ND		ND		NE	
SVOCs	NE		ND		ND	
Pesticides	ppm		ppm		ppm	
4,4'-DDT	ND		0.00387	D	ND	
PCBs	ND		ND		ND	
Metals	NE		NE		NE	
PFAS	NE		ND		NE	

Sample ID and Depth	26SB-2 (0-2)		26SB-2 (7-9)		26SB-2 (17-19)	
Sampling Date	2/4/2026		2/4/2026		2/4/2026	
VOCs	NE		NE		ND	
SVOCs	NE		ND		ND	
Pesticides	ppm		ppm		ppm	
4,4'-DDE	0.0392	JN	0.00206	D	ND	
alpha-Chlordane	4.24	D	0.0889	D	ND	
Heptachlor	1.37	D	0.0274	D	ND	
PCBs	ND		ND		ND	
Metals	ppm		ppm		ppm	
Lead	395		3.77		2.53	
Zinc	176		81.4		28.3	
PFAS	ND		NE		NE	

Sample ID and Depth	25SB-2 (0-2)		25-SB-DUP-1(0-2)		25SB-2 (5-7)	
Sampling Date	5/2/2025	Q	5/2/2025	Q	5/2/2025	Q
VOCs	NE		NE		NE	
SVOCs	ppm		ppm		ppm	
Indeno(1,2,3-cd)pyrene	0.628	J	0.37	J	NE	
Pesticides	ND		ND		ND	
PCBs	ND		ND		ND	
Metals	ppm		ppm		ppm	
Lead	66.3	J-	66.2	J-	2.69	J-
PFAS	NE		NE		NE	

Sample ID and Depth	25SB-4 (0-2)	25SB-4 (3-5)	25SB-4 (11-13)
Sampling Date	5/2/2025	5/2/2025	5/2/2025
VOCs	NE	NE	NE
SVOCs	NE	NE	NE
Pesticides	ND	ND	ND
PCBs	ND	ND	ND
Metals	NE	NE	NE
PFAS	NE	NE	NE

Sample ID and Depth	25SB-8 (0-2)		25-SB-DUP-3(0-2)		25SB-8 (3-5)		25SB-8 (12.5-14.5)	
Sampling Date	5/6/2025	Q	5/6/2025	Q	5/6/2025	Q	5/6/2025	Q
VOCs	NE		NE		NE		NE	
SVOCs	NE		NE		ND		ND	
Pesticides	ND		ND		ND		ND	
PCBs	ND		ND		ND		ND	
Metals	ppm		ppm		ppm		ppm	
Lead	59.4	J-	76.4	J-	2.28	J-	1.92	J-
Zinc	70.6	J-	146	J-	28.1	J-	22.5	J-
PFAS	NE		NE		NE		NE	

Sample ID and Depth	25 SV-2-N (10-12)	25 SV-2-N (12-14)	25 SV-2-N (14-15)
Sampling Date	5/27/2025	5/27/2025	5/27/2025
VOCs	NE	NE	NE

Sample ID and Depth	25 SV-2-S (0-2)	25 SV-2-S (2-4)	25 SV-2-S (10-12)	25 SV-2-S (12-14)	25 SV-2-S (14-15)
Sampling Date	5/27/2025	5/27/2025	5/27/2025	5/27/2025	5/27/2025
VOCs	NE	NE	NE	NE	NE

Sample ID and Depth	25SB-11 (0-1.5)
Sampling Date	5/6/2025
VOCs	ppm
Acetone	0.037 J+
SVOCs	ND
Pesticides	ND
PCBs	ND
Metals	NE
PFAS	NE

Sample ID and Depth	25SB-3 (0-2)		25SB-3 (4-6)		25SB-3 (11-13)	
Sampling Date	5/6/2025	Q	5/6/2025	Q	5/6/2025	Q
VOCs	NE		NE		NE	
SVOCs	ppm		ppm		ppm	
Benzo(a)anthracene	7.2	J-	0.268	J-	ND	
Benzo(a)pyrene	6.82	J-	0.239	J-	ND	
Benzo(b)fluoranthene	5.97	J-	0.324	J-	ND	
Benzo(g,h,i)perylene	4.77	J-	0.201	J-	ND	
Benzo(k)fluoranthene	5.29	J-	0.108	J-	ND	
Chrysene	7.45	J-	0.292	J-	ND	
Dibenzo(a,h)anthracene	1.23	J	0.051	J-	ND	
Indeno(1,2,3-cd)pyrene	4.12	J-	0.181	J-	ND	
Phenanthrene	3.2	J-	0.569	J-	ND	
Pesticides	ND		ND		ND	
PCBs	ND		ND		ND	
Metals	ppm		ppm		ppm	
Lead	165	J-	9.19	J-	6.92	J-
Zinc	220	J-	36.9	J-	52.1	J-
PFAS	NE		NE		NE	

Sample ID and Depth	25SB-13 (0-2)		25SB-13 (3-5)		25SB-13 (13-15)	
Sampling Date	5/5/2025	Q	5/5/2025	Q	5/5/2025	Q
VOCs	NE		NE		NE	
SVOCs	NE		NE		ND	
Pesticides	ND		ND		ND	
PCBs	ND		ND		ND	
Metals	ppm		ppm		ppm	
Zinc	39.2	J	121	J	25.3	J
PFAS	NE		NE		NE	

Sample ID and Depth	25SB-12 (0-2)		25SB-12 (3-5)		25SB-12 (11-13)	
Sampling Date	5/5/2025	Q	5/5/2025	Q	5/5/2025	Q
VOCs	NE		NE		NE	
SVOCs	ppm		ppm		ppm	
Benzo(a)anthracene	31.4	D	0.0539	JD	ND	
Benzo(a)pyrene	29	D	0.0733	JD	ND	
Benzo(b)fluoranthene	27.6	D	0.0927	D	ND	
Benzo(g,h,i)perylene	22.1	D	0.0611	JD	ND	
Benzo(k)fluoranthene	26	D	ND		ND	
Chrysene	28.8	D	ND		ND	
Dibenzo(a,h)anthracene	4.18	JD	ND		ND	
Dibenzofuran	7.14	D	ND		ND	
Indeno(1,2,3-cd)pyrene	24.6	J	0.0856	JD	ND	
Naphthalene	15.3	D	ND		ND	
Phenanthrene	71.4	D	0.0525	JD	ND	
Pesticides	ND		ND		ND	
PCBs	ND		ND		ND	
Metals	ppm		ppm		ppm	
Copper	172	J	27.7	J	16.3	J
Lead	3,720	J	39.5	J	3	J
Zinc	524	J	46.9	J	37.7	J
Mercury	0.563		0.319		ND	
PFAS	NE		NE		NE	

Sample ID and Depth	25SB-10 (0-2)		25SB-10 (2-4)		25SB-10 (11-13)	
Sampling Date	5/2/2025	Q	5/2/2025	Q	5/2/2025	Q
VOCs	NE		NE		NE	
SVOCs	ppm		ppm		ppm	
Benzo(b)fluoranthene	1.29	J-	0.384	J-	0.972	J-
Benzo(g,h,i)perylene	0.839	J	0.194	J	0.446	J
Indeno(1,2,3-cd)pyrene	0.72	J	0.185	J	0.425	J
Pesticides	ppm		ppm		ppm	
4,4'-DDT	0.00487	D	ND		ND	
PCBs	NE		ND		ND	
Metals	ppm		ppm		ppm	
Copper	101	J	30.7	J	37.9	J
Lead	448	J-	79	J-	69.6	J-
Zinc	392	J	128	J	133	J
Mercury	0.388	J-	0.184	J-	0.138	J-
PFAS	NE		NE		NE	

Sample ID and Depth	25SB-7 (0-2)		25SB-7 (3-5)		25SB-7 (6-8)	
Sampling Date	5/6/2025	Q	5/5/2025	Q	5/5/2025	Q
VOCs	NE		NE		NE	
SVOCs	NE		ND		NE	
Pesticides	ND		ND		ND	
PCBs	ND		ND		ND	
Metals	ppm		ppm		ppm	
Lead	96.3	J	4.55	J-	4.35	J-
PFAS	NE		NE		NE	

Compounds	UUSCOs	RRSCOs	PGWSCOs
VOCs	ppm	ppm	ppm
Acetone	0.03	100	N/A
SVOCs	ppm	ppm	ppm
Benzo(a)anthracene	1	1.4	N/A
Benzo(a)pyrene	1	1	N/A
Benzo(b)fluoranthene	1	1.4	N/A
Benzo(k)fluoranthene	0.8	4.9	N/A
Chrysene	1	4.9	N/A
Dibenzo(a,h)anthracene	0.33	0.33	N/A
Dibenzofuran	2.1	18	N/A
Indeno(1,2,3-cd)pyrene	0.5	1.4	N/A
Naphthalene	12	100	N/A
Phenanthrene	1.1	4.9	N/A
Pesticides	ppm	ppm	ppm
4,4'-DDE	0.0033	3.4	N/A
4,4'-DDT	0.0033	3.8	N/A
alpha-Chlordane	0.014	0.65	N/A
Heptachlor	0.013	0.53	N/A
Metals	ppm	ppm	ppm
Arsenic	13	16	N/A
Acetone	0.03	100	N/A
Barium	410	410	N/A
Copper	50	280	N/A
Lead	63	400	N/A
Nickel	30	310	N/A
Zinc	109	6,600	N/A
Mercury	0.18	0.3	N/A

vEKtor consultants

t: +1.347.871.0750
f: +1.347.402.7735
e: info@vektorconsultants.com
www.vektorconsultants.com

Legend:

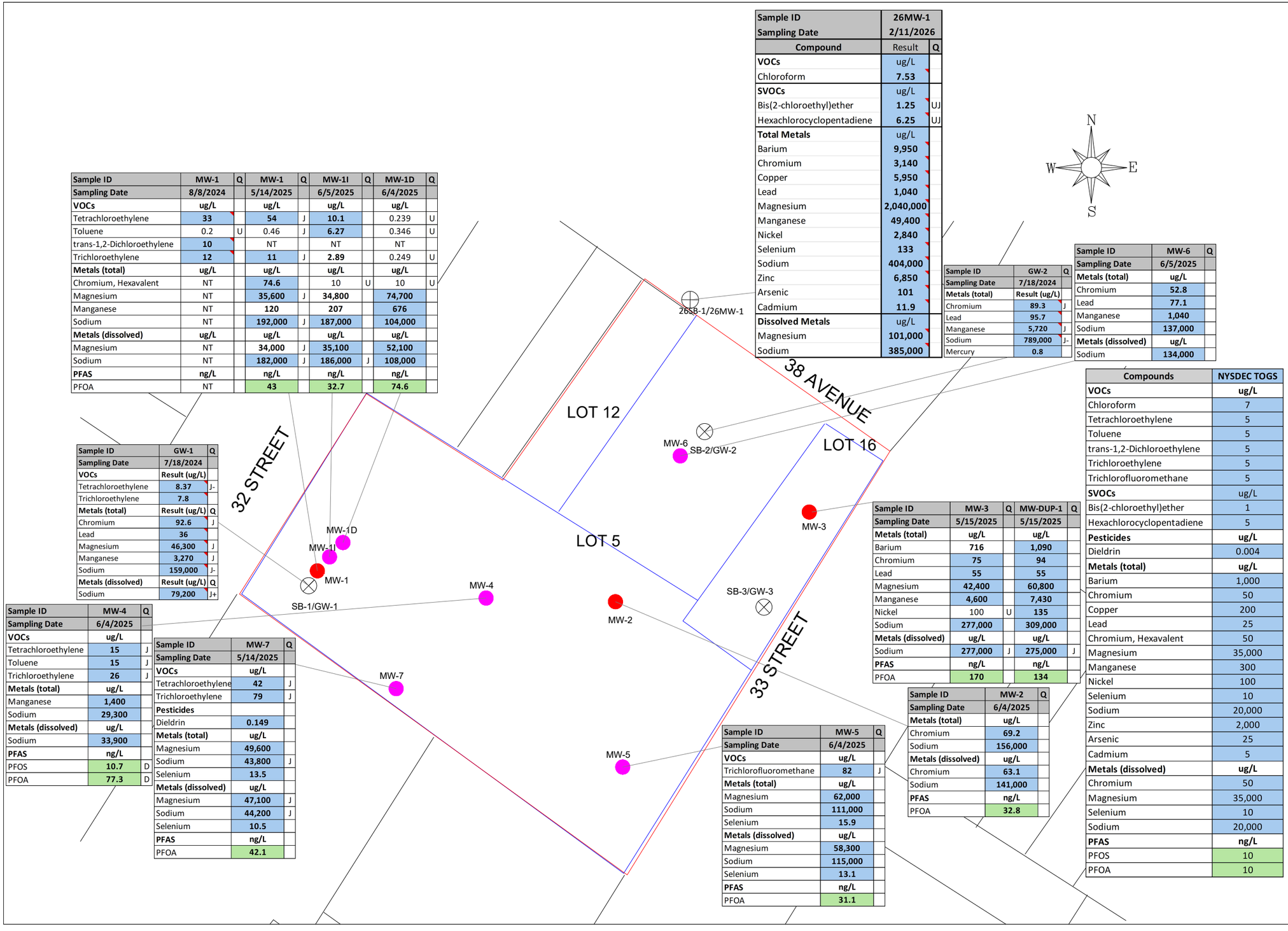
- BCP Site Boundary
- Building Boundary
- SB-X — Prior Soil Boring Location and ID (July 2024)
- SB-X/GW-X — Prior Soil Boring/Groundwater Sample Location and ID (July 2024)
- SV-X — Prior Soil Vapor Point Location and ID (July 2024)
- MW-X — Monitoring Well Location and ID (August 2024)
- MW-X — Monitoring Well Location and ID (May 2024)
- 25SB-X — Soil Boring Location and ID (May 2025)
- 25SV-X — Soil Vapor Point Location and ID (May 2025)
- 25OA-X — Outdoor Ambient Air Location and ID (May 2025)
- 26SB-X — Soil Boring Location and ID (February 2026)
- 25SS-X/SV-X — Soil Vapor Location and ID (February 2026)
- 26SB-1/26MW-1 — Soil Boring/Monitoring Well Location and ID (February 2026)
- WCXX — Soil Vapor Location and ID (November 2025)
- WCXX — Soil Boring Location and ID (November 2025)

Notes:

1. Green highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
2. Orange highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives
3. Blue highlighted values are concentrations above Part 375 Protection of Groundwater Soil Cleanup Objectives
4. Q is the Qualifier Column with definitions as follows:
   J = analyte detected at or above the method detection limit but below the Reporting Limit- data is estimated
   J- = Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
   J+ = Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
   N/A: Not Applicable
   NE: No Exceedance
   ND: No Detections
   UUSCO: Part 375 Unrestricted Use Soil Cleanup Objectives
   RRSCO: Part 375 Restricted Residential Use Soil Cleanup Objectives
   PGWSCO: Part 375 Protection of Groundwater Soil Cleanup Objectives
   ppm: Parts per million

Scale: 0 — 60

Figure No.	6
Figure Name:	SOIL EXCEEDANCE MAP
Report:	RIR
Date:	4/17/2026
Drawn By:	KB
Site Address:	32-10 38TH AVENUE, 32-20 38TH AVENUE & 38-13 33RD STREET QUEENS, NEW YORK



Sample ID	MW-1	Q	MW-1	Q	MW-1I	Q	MW-1D	Q
Sampling Date	8/8/2024		5/14/2025		6/5/2025		6/4/2025	
VOCs	ug/L		ug/L		ug/L		ug/L	
Tetrachloroethylene	33		54	J	10.1		0.239	U
Toluene	0.2	U	0.46	J	6.27		0.346	U
trans-1,2-Dichloroethylene	10		NT		NT		NT	
Trichloroethylene	12		11	J	2.89		0.249	U
Metals (total)	ug/L		ug/L		ug/L		ug/L	
Chromium, Hexavalent	NT		74.6		10	U	10	U
Magnesium	NT		35,600	J	34,800		74,700	
Manganese	NT		120		207		676	
Sodium	NT		192,000	J	187,000		104,000	
Metals (dissolved)	ug/L		ug/L		ug/L		ug/L	
Magnesium	NT		34,000	J	35,100		52,100	
Sodium	NT		182,000	J	186,000	J	108,000	
PFAS	ng/L		ng/L		ng/L		ng/L	
PFOA	NT		43		32.7		74.6	

Sample ID	GW-1	Q
Sampling Date	7/18/2024	
VOCs	Result (ug/L)	
Tetrachloroethylene	8.37	J-
Trichloroethylene	7.8	
Metals (total)	Result (ug/L)	Q
Chromium	92.6	J
Lead	36	
Magnesium	46,300	J
Manganese	3,270	J
Sodium	159,000	J-
Metals (dissolved)	Result (ug/L)	Q
Sodium	79,200	J+

Sample ID	MW-4	Q
Sampling Date	6/4/2025	
VOCs	ug/L	
Tetrachloroethylene	15	J
Toluene	15	J
Trichloroethylene	26	J
Metals (total)	ug/L	
Manganese	1,400	
Sodium	29,300	
Metals (dissolved)	ug/L	
Sodium	33,900	
PFAS	ng/L	
PFOS	10.7	D
PFOA	77.3	D

Sample ID	MW-7	Q
Sampling Date	5/14/2025	
VOCs	ug/L	
Tetrachloroethylene	42	J
Trichloroethylene	79	J
Pesticides		
Dieldrin	0.149	
Metals (total)	ug/L	
Magnesium	49,600	
Sodium	43,800	J
Selenium	13.5	
Metals (dissolved)	ug/L	
Magnesium	47,100	J
Sodium	44,200	J
Selenium	10.5	
PFAS	ng/L	
PFOA	42.1	

Sample ID	26MW-1
Sampling Date	2/11/2026
Compound	Result	Q
VOCs	ug/L	
Chloroform	7.53	
SVOCs	ug/L	
Bis(2-chloroethyl)ether	1.25	UJ
Hexachlorocyclopentadiene	6.25	UJ
Total Metals	ug/L	
Barium	9,950	
Chromium	3,140	
Copper	5,950	
Lead	1,040	
Magnesium	2,040,000	
Manganese	49,400	
Nickel	2,840	
Selenium	133	
Sodium	404,000	
Zinc	6,850	
Arsenic	101	
Cadmium	11.9	
Dissolved Metals	ug/L	
Magnesium	101,000	
Sodium	385,000	

Sample ID	GW-2	Q
Sampling Date	7/18/2024	
Metals (total)	Result (ug/L)	
Chromium	89.3	J
Lead	95.7	
Manganese	5,720	J
Sodium	789,000	J-
Mercury	0.8	

Sample ID	MW-6	Q
Sampling Date	6/5/2025	
Metals (total)	ug/L	
Chromium	52.8	
Lead	77.1	
Manganese	1,040	
Sodium	137,000	
Metals (dissolved)	ug/L	
Sodium	134,000	

Sample ID	MW-3	Q	MW-DUP-1	Q
Sampling Date	5/15/2025		5/15/2025	
Metals (total)	ug/L		ug/L	
Barium	716		1,090	
Chromium	75		94	
Lead	55		55	
Magnesium	42,400		60,800	
Manganese	4,600		7,430	
Nickel	100	U	135	
Sodium	277,000		309,000	
Metals (dissolved)	ug/L		ug/L	
Sodium	277,000	J	275,000	J
PFAS	ng/L		ng/L	
PFOA	170		134	

Sample ID	MW-2	Q
Sampling Date	6/4/2025	
Metals (total)	ug/L	
Chromium	69.2	
Sodium	156,000	
Metals (dissolved)	ug/L	
Chromium	63.1	
Sodium	141,000	
PFAS	ng/L	
PFOA	32.8	

Sample ID	MW-5	Q
Sampling Date	6/4/2025	
VOCs	ug/L	
Trichlorofluoromethane	82	J
Metals (total)	ug/L	
Magnesium	62,000	
Sodium	111,000	
Selenium	15.9	
Metals (dissolved)	ug/L	
Magnesium	58,300	
Sodium	115,000	
Selenium	13.1	
PFAS	ng/L	
PFOA	31.1	

Compounds	NYSDEC TOGS
VOCs	ug/L
Chloroform	7
Tetrachloroethylene	5
Toluene	5
trans-1,2-Dichloroethylene	5
Trichloroethylene	5
Trichlorofluoromethane	5
SVOCs	ug/L
Bis(2-chloroethyl)ether	1
Hexachlorocyclopentadiene	5
Pesticides	ug/L
Dieldrin	0.004
Metals (total)	ug/L
Barium	1,000
Chromium	50
Copper	200
Lead	25
Chromium, Hexavalent	50
Magnesium	35,000
Manganese	300
Nickel	100
Selenium	10
Sodium	20,000
Zinc	2,000
Arsenic	25
Cadmium	5
Metals (dissolved)	ug/L
Chromium	50
Magnesium	35,000
Selenium	10
Sodium	20,000
PFAS	ng/L
PFOS	10
PFOA	10

vEKtor consultants

t: +1.347.871.0750
f: +1.347.402.7735
e: info@vektorconsultants.com
www.vektorconsultants.com

Legend:

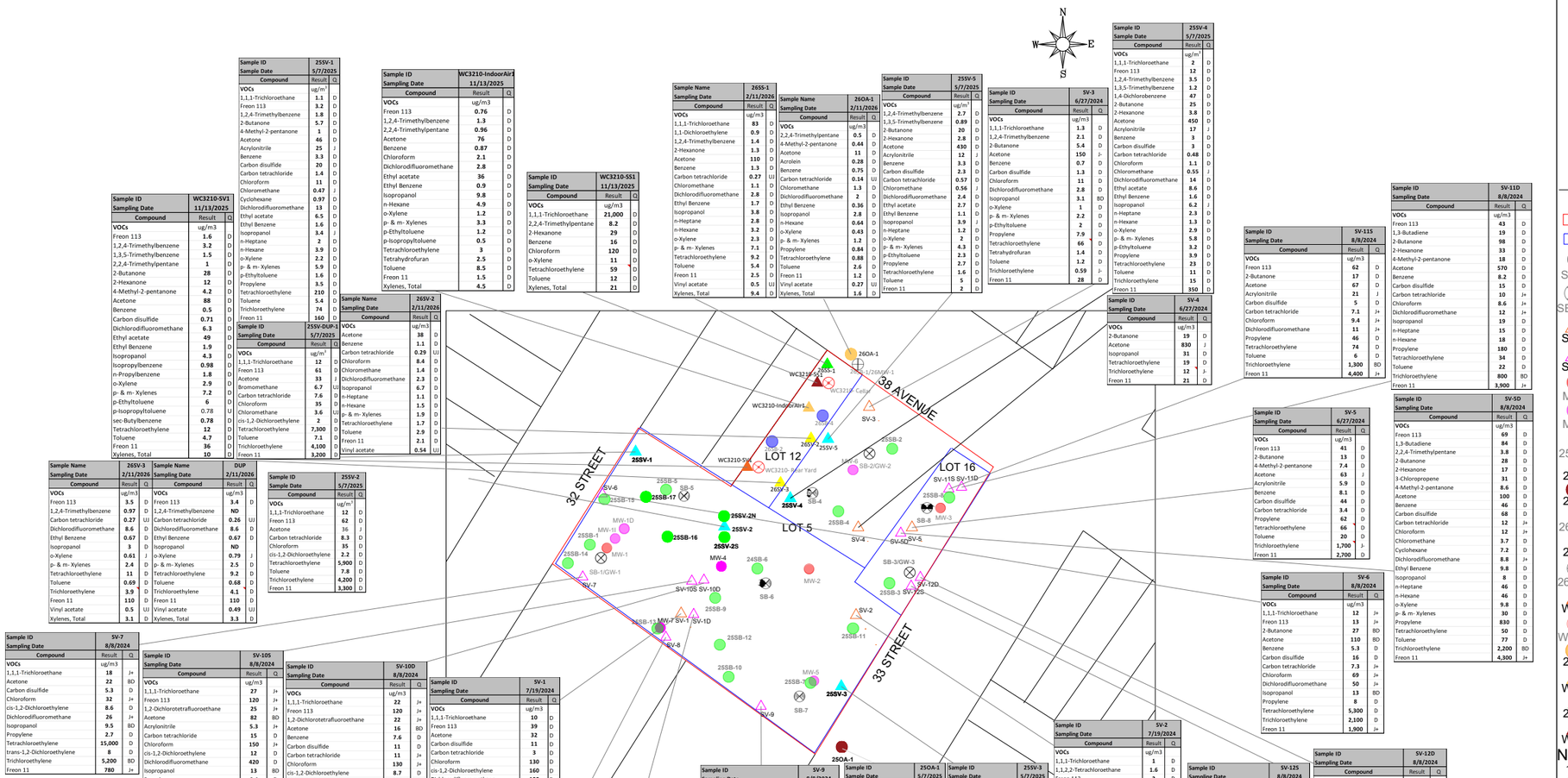
- BCP Site Boundary
- Building Boundary
- Prior Soil Boring/Groundwater Sample Location and Designated ID (July 2024) SB-X/GW-X
- Monitoring Well Location and ID (August 2024) MW-X
- Monitoring Welll Location and Designated ID (May 2025) MW-X
- Soil Boring/Monitoring Well Location and ID (February 2026) 26SB-1/26MW-1

Notes:

1. NYSDEC TOGS: Technical and Operation Guidance Series
2. NT: Not Taken
3. All results, except for PFAS, are reported in , micrograms per liter (ug/L)
4. PFAS is reported in nanograms per liter (ng/L)
5. PFOS: Perfluorooctanesulfonic acid
6. PFOA: Perfluorooctanoic acid

Scale: 0 25' 50'

Figure No.	7
Figure Name:	GROUNDWATER EXCEEDANCE
Report:	RIR
Date:	3/12/2026
Drawn By:	KB
Site Address:	32-10 38TH AVENUE, 32-20 38TH AVENUE & 38-13 33RD STREET QUEENS, NEW YORK



Sample ID	25SV-1
Sampling Date	5/7/2025
Compound	Result Q
VOCs	ug/m³
1,1,1-Trichloroethane	1.1 D
Freon 113	3.2 D
1,2,4-Trimethylbenzene	1.8 D
2-Butanone	5.7 D
4-Methyl-2-pentanone	1 D
Acetone	46 D
Acrylonitrile	25 J
Benzene	3.3 D
Carbon disulfide	20 D
Carbon tetrachloride	1.4 D
Chloroform	11 D
Chloromethane	0.47 J
Cyclohexane	0.97 D
Dichlorodifluoromethane	13 D
Ethyl acetate	6.5 D
Ethyl Benzene	1.6 D
Isopropanol	3.4 J
n-Heptane	2 D
n-Hexane	3.9 D
o-Xylene	2.2 D
p- & m- Xylenes	5.9 D
p-Ethyltoluene	1.6 D
Propylene	3.5 D
Tetrachloroethylene	210 D
Toluene	5.4 D
Trichloroethylene	74 D
Freon 11	160 D

Sample ID	WC3210-SV1
Sampling Date	11/13/2025
Compound	Result Q
VOCs	ug/m3
Freon 113	1.6 D
1,2,4-Trimethylbenzene	3.2 D
1,3,5-Trimethylbenzene	1.5 D
2,2,4-Trimethylpentane	1 D
2-Butanone	28 D
2-Hexanone	12 D
4-Methyl-2-pentanone	4.2 D
Acetone	88 D
Benzene	0.5 D
Carbon disulfide	0.71 D
Dichlorodifluoromethane	6.3 D
Ethyl acetate	49 D
Ethyl Benzene	1.9 D
Isopropanol	4.3 D
Isopropylbenzene	0.98 D
n-Propylbenzene	1.8 D
o-Xylene	2.9 D
p- & m- Xylenes	7.2 D
p-Ethyltoluene	6 D
p-Isopropyltoluene	0.78 U
sec-Butylbenzene	0.78 D
Tetrachloroethylene	12 D
Toluene	4.7 D
Freon 11	36 D
Xylenes, Total	10 D

Sample ID	WC3210-IndoorAir1
Sampling Date	11/13/2025
Compound	Result Q
VOCs	ug/m3
Freon 113	0.76 D
1,2,4-Trimethylbenzene	1.3 D
2,2,4-Trimethylpentane	0.96 D
Acetone	76 D
Benzene	0.87 D
Chloroform	2.1 D
Dichlorodifluoromethane	2.8 D
Ethyl acetate	36 D
Ethyl Benzene	0.9 D
Isopropanol	9.8 D
n-Hexane	4.9 D
o-Xylene	1.2 D
p- & m- Xylenes	3.3 D
p-Ethyltoluene	1.2 D
p-Isopropyltoluene	0.5 D
Tetrachloroethylene	3 D
Tetrahydrofuran	2.5 D
Toluene	8.5 D
Freon 11	1.5 D
Xylenes, Total	4.5 D

Sample ID	WC3210-SS1
Sampling Date	11/13/2025
Compound	Result Q
VOCs	ug/m3
1,1,1-Trichloroethane	21,000 D
2,2,4-Trimethylpentane	8.2 D
2-Hexanone	29 D
Benzene	16 D
Chloroform	120 D
o-Xylene	11 D
Tetrachloroethylene	59 D
Toluene	12 D
Xylenes, Total	21 D

Sample ID	25SV-DUP-1
Sampling Date	5/7/2025
Compound	Result Q
VOCs	ug/m³
1,1,1-Trichloroethane	12 D
Freon 113	61 D
Acetone	33 J
Bromomethane	6.7 UJ
Carbon tetrachloride	7.6 D
Chloroform	35 D
Chloromethane	3.6 UJ
cis-1,2-Dichloroethylene	2 D
Tetrachloroethylene	7,300 D
Toluene	7.1 D
Trichloroethylene	4,100 D
Freon 11	3,200 D

Sample Name	26SV-2
Sampling Date	2/11/2026
Compound	Result Q
VOCs	ug/m3
Acetone	38 D
Benzene	1.1 D
Carbon tetrachloride	0.29 UJ
Chloroform	8.4 D
Chloromethane	1.4 D
Dichlorodifluoromethane	2.3 D
Isopropanol	6.7 D
n-Heptane	1.1 D
n-Hexane	1.5 D
p- & m- Xylenes	1.9 D
Tetrachloroethylene	1.7 D
Toluene	2.9 D
Freon 11	2.1 D
Vinyl acetate	0.54 UJ

Sample Name	26SS-1
Sampling Date	2/11/2026
Compound	Result Q
VOCs	ug/m3
1,1,1-Trichloroethane	83 D
1,1-Dichloroethylene	0.9 D
1,2,4-Trimethylbenzene	1.4 D
2-Hexanone	1.3 D
Acetone	110 D
Benzene	1.3 D
Carbon tetrachloride	0.27 UJ
Chloromethane	1.1 D
Dichlorodifluoromethane	2.8 D
Ethyl Benzene	1.7 D
Isopropanol	3.8 D
n-Heptane	2.8 D
n-Hexane	3.2 D
o-Xylene	2.3 D
p- & m- Xylenes	7.1 D
Tetrachloroethylene	9.2 D
Toluene	5.4 D
Freon 11	2.5 D
Vinyl acetate	0.5 UJ
Xylenes, Total	9.4 D

Sample Name	26OA-1
Sampling Date	2/11/2026
Compound	Result Q
VOCs	ug/m3
2,2,4-Trimethylpentane	0.5 D
4-Methyl-2-pentanone	0.44 D
Acetone	11 D
Acrolein	0.28 D
Benzene	0.75 D
Carbon tetrachloride	0.14 UJ
Chloromethane	1.3 D
Dichlorodifluoromethane	2 D
Ethyl Benzene	0.36 D
Isopropanol	2.8 D
n-Hexane	0.64 D
o-Xylene	0.43 D
p- & m- Xylenes	1.2 D
Propylene	0.84 D
Tetrachloroethylene	0.88 D
Toluene	2.6 D
Freon 11	1.2 D
Vinyl acetate	0.27 UJ
Xylenes, Total	1.6 D

Sample ID	25SV-5
Sampling Date	5/7/2025
Compound	Result Q
VOCs	ug/m³
1,2,4-Trimethylbenzene	2.7 D
1,3,5-Trimethylbenzene	0.89 D
2-Butanone	20 D
2-Hexanone	2.8 D
Acetone	430 D
Acrylonitrile	12 J
Benzene	3.3 D
Carbon disulfide	2.3 D
Carbon tetrachloride	0.57 D
Chloromethane	0.56 J
Dichlorodifluoromethane	2.4 D
Ethyl acetate	2.7 D
Ethyl Benzene	1.1 D
Isopropanol	3.9 J
n-Heptane	1.2 D
o-Xylene	2 D
p- & m- Xylenes	4.3 D
p-Ethyltoluene	2.3 D
Propylene	2.7 D
Tetrachloroethylene	1.6 D
Toluene	5 D
Freon 11	2 D

Sample ID	SV-3
Sampling Date	6/27/2024
Compound	Result Q
VOCs	ug/m3
1,1,1-Trichloroethane	1.3 D
1,2,4-Trimethylbenzene	2.1 D
2-Butanone	5.4 D
Acetone	150 J-
Benzene	0.7 D
Carbon disulfide	1.3 D
Chloroform	11 D
Dichlorodifluoromethane	2.8 D
Isopropanol	3.1 BD
o-Xylene	1 D
p- & m- Xylenes	2.2 D
p-Ethyltoluene	2 D
Propylene	7.9 D
Tetrachloroethylene	66 D
Tetrahydrofuran	1.4 D
Toluene	1.2 D
Trichloroethylene	0.59 J-
Freon 11	28 D

Sample ID	25SV-4
Sampling Date	5/7/2025
Compound	Result Q
VOCs	ug/m³
1,1,1-Trichloroethane	2 D
Freon 113	12 D
1,2,4-Trimethylbenzene	3.5 D
1,3,5-Trimethylbenzene	1.2 D
1,4-Dichlorobenzene	47 D
2-Butanone	25 D
2-Hexanone	3.8 D
Acetone	450 D
Acrylonitrile	17 J
Benzene	3 D
Carbon disulfide	3 D
Carbon tetrachloride	0.48 D
Chloroform	1.1 D
Chloromethane	0.55 J
Dichlorodifluoromethane	14 D
Ethyl acetate	8.6 D
Ethyl Benzene	1.6 D
Isopropanol	6.2 J
n-Heptane	2.3 D
n-Hexane	1.3 D
o-Xylene	2.9 D
p- & m- Xylenes	5.8 D
p-Ethyltoluene	3.2 D
Propylene	3.9 D
Tetrachloroethylene	23 D
Toluene	11 D
Trichloroethylene	15 D
Freon 11	350 D

Sample ID	SV-4
Sampling Date	6/27/2024
Compound	Result Q
VOCs	ug/m3
2-Butanone	19 D
Acetone	830 J
Isopropanol	31 D
Tetrachloroethylene	19 D
Trichloroethylene	12 J-
Freon 11	21 D

Sample ID	SV-11S
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
Freon 113	62 D
2-Butanone	17 D
Acetone	67 D
Acrylonitrile	21 J
Carbon disulfide	5 D
Carbon tetrachloride	7.1 J+
Chloroform	9.4 J+
Dichlorodifluoromethane	11 J+
Propylene	46 D
Tetrachloroethylene	74 D
Toluene	6 D
Trichloroethylene	1,300 BD
Freon 11	4,400 J+

Sample ID	SV-11D
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
Freon 113	43 D
1,3-Butadiene	19 D
2-Butanone	98 D
2-Hexanone	33 D
4-Methyl-2-pentanone	18 D
Acetone	570 D
Benzene	8.2 D
Carbon disulfide	15 D
Carbon tetrachloride	10 J+
Chloroform	8.6 J+
Dichlorodifluoromethane	12 J+
Isopropanol	19 D
n-Heptane	15 D
n-Hexane	18 D
Propylene	180 D
Tetrachloroethylene	34 D
Toluene	22 D
Trichloroethylene	800 BD
Freon 11	3,900 J+

Sample ID	SV-5
Sampling Date	6/27/2024
Compound	Result Q
VOCs	ug/m3
Freon 113	41 D
2-Butanone	13 D
4-Methyl-2-pentanone	7.4 D
Acetone	63 J
Acrylonitrile	5.9 D
Benzene	8.1 D
Carbon disulfide	44 D
Carbon tetrachloride	3.4 D
Propylene	62 D
Tetrachloroethylene	66 D
Toluene	20 D
Trichloroethylene	1,700 J-
Freon 11	2,700 D

Sample ID	SV-5D
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
Freon 113	69 D
1,3-Butadiene	84 D
2,2,4-Trimethylpentane	3.8 D
2-Butanone	28 D
2-Hexanone	17 D
3-Chloropropene	31 D
4-Methyl-2-pentanone	8.6 D
Acetone	100 D
Benzene	46 D
Carbon disulfide	68 D
Carbon tetrachloride	12 J+
Chloroform	12 J+
Chloromethane	3.7 D
Cyclohexane	7.2 D
Dichlorodifluoromethane	8.8 J+
Ethyl Benzene	9.8 D
Isopropanol	8 D
n-Heptane	46 D
n-Hexane	46 D
o-Xylene	9.8 D
p- & m- Xylenes	30 D
Propylene	830 D
Tetrachloroethylene	50 D
Toluene	77 D
Trichloroethylene	2,200 BD
Freon 11	4,300 J+

Sample ID	SV-6
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
1,1,1-Trichloroethane	12 J+
Freon 113	13 J+
2-Butanone	27 BD
Acetone	110 BD
Benzene	5.3 D
Carbon disulfide	16 D
Carbon tetrachloride	7.3 J+
Chloroform	69 J+
Dichlorodifluoromethane	50 J+
Isopropanol	13 BD
Propylene	8 D
Tetrachloroethylene	5,300 D
Trichloroethylene	2,100 D
Freon 11	1,900 J+

Sample ID	SV-7
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
1,1,1-Trichloroethane	18 J+
Acetone	22 BD
Carbon disulfide	5.3 D
Chloroform	32 J+
cis-1,2-Dichloroethylene	8.6 D
Dichlorodifluoromethane	26 J+
Isopropanol	9.5 BD
Propylene	2.7 D
Tetrachloroethylene	15,000 D
trans-1,2-Dichloroethylene	8 D
Trichloroethylene	5,200 BD
Freon 11	780 J+

Sample ID	SV-10S
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
1,1,1-Trichloroethane	27 J+
Freon 113	120 J+
1,2-Dichlorotetrafluoroethane	25 J+
Acetone	82 BD
Acrylonitrile	5.3 J+
Carbon tetrachloride	15 D
Chloroform	150 J+
cis-1,2-Dichloroethylene	12 D
Dichlorodifluoromethane	420 D
Isopropanol	13 BD
Propylene	6.4 D
Tetrachloroethylene	13,000 D
trans-1,2-Dichloroethylene	7.4 D
Trichloroethylene	18,000 BD
Freon 11	14,000 J+

Sample ID	SV-10D
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
1,1,1-Trichloroethane	22 J+
Freon 113	120 J+
1,2-Dichlorotetrafluoroethane	22 J+
Acetone	16 BD
Benzene	7.6 D
Carbon disulfide	11 D
Carbon tetrachloride	11 J+
Chloroform	130 J+
cis-1,2-Dichloroethylene	8.7 D
Dichlorodifluoromethane	370 J+
Isopropanol	11 BD
Propylene	13 D
Tetrachloroethylene	12,000 D
Trichloroethylene	18,000 BD
Freon 11	14,000 J+

Sample ID	SV-1
Sampling Date	7/19/2024
Compound	Result Q
VOCs	ug/m3
1,1,1-Trichloroethane	10 D
Freon 113	39 D
Acetone	32 D
Carbon disulfide	11 D
Carbon tetrachloride	3 D
Chloroform	130 D
cis-1,2-Dichloroethylene	160 D
Dichlorodifluoromethane	190 D
Isopropanol	11 D
Tetrachloroethylene	33,000 D
trans-1,2-Dichloroethylene	24 D
Trichloroethylene	90,000 J-
Freon 11	4,300 D

Sample ID	SV-9
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
1,1,1-Trichloroethane	15 J+
Freon 113	51 D
1,2,4-Trimethylbenzene	8.8 D
1,2-Dichlorotetrafluoroethane	13 D
1,3,5-Trimethylbenzene	8.8 D
2-Butanone	12 D
Acetone	51 D
Benzene	6.2 D
Carbon disulfide	12 D
Carbon tetrachloride	5.1 J+
Chloroform	32 D
Chloromethane	3.4 J+
Dichlorodifluoromethane	210 J+
p-Ethyltoluene	8 D
Propylene	8.4 D
Tetrachloroethylene	170 D
Trichloroethylene	1,800 BD
Freon 11	8,000 J+

Sample ID	SV-8
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
1,1,1-Trichloroethane	13 J+
Freon 113	43 J+
Acetone	440 BD
Acrylonitrile	6.9 J+
Benzene	8.3 D
Carbon disulfide	7.4 D
Carbon tetrachloride	3.8 J+
Chloroform	180 J+
cis-1,2-Dichloroethylene	230 D
Dichlorodifluoromethane	160 J+
Isopropanol	23 BD
Tetrachloroethylene	44,000 D
trans-1,2-Dichloroethylene	47 D
Trichloroethylene	130,000 D
Freon 11	2,000 J+

Sample ID	SV-1D
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
1,1,1-Trichloroethane	28 J+
Freon 113	79 J+
1,2-Dichlorotetrafluoroethane	18 J+
Acetone	18 BD
Carbon disulfide	6.6 D
Carbon tetrachloride	11 J+
Chloroform	280 J+
cis-1,2-Dichloroethylene	190 D
Dichlorodifluoromethane	330 J+
Isopropanol	12 BD
Propylene	3 D
Tetrachloroethylene	22,000 D
trans-1,2-Dichloroethylene	40 D
Trichloroethylene	62,000 D
Freon 11	9,800 J+

Sample ID	25OA-1
Sampling Date	5/7/2025
Compound	Result Q
VOCs	ug/m³
1,2,4-Trimethylbenzene	1.3 D
2,2,4-Trimethylpentane	0.76 D
2-Butanone	3.1 D
Acetone	37 D
Benzene	0.97 D
Carbon tetrachloride	0.51 D
Chloromethane	0.94 J-
Dichlorodifluoromethane	2.2 D
Ethyl acetate	3.4 D
Ethyl Benzene	0.57 D
Isopropanol	2.6 J
n-Heptane	0.54 D
n-Hexane	0.82 D
o-Xylene	0.75 D
p- & m- Xylenes	1.9 D
p-Ethyltoluene	1.1 D
Propylene	0.77 D
Toluene	2.1 D
Freon 11	1.3 D

Sample ID	25SV-3
Sampling Date	5/7/2025
Compound	Result Q
VOCs	ug/m³
1,1,1-Trichloroethane	1.4 D
1,2,4-Trimethylbenzene	2.6 D
1,3,5-Trimethylbenzene	1.2 D
2-Butanone	98 D
Acetone	5.3 J
Benzene	3 D
Carbon disulfide	15 D
Carbon tetrachloride	1.3 D
Chloroform	2.2 D
Cyclohexane	1.2 D
Dichlorodifluoromethane	5.4 D
Ethyl acetate	3.4 D
Ethyl Benzene	1.9 D
Isopropanol	3.3 J
n-Heptane	3.1 D
n-Hexane	6.9 D
o-Xylene	3.3 D
p- & m- Xylenes	8.8 D
p-Ethyltoluene	3.1 D
Propylene	4.9 D
Tetrachloroethylene	8.9 D
Toluene	5 D
Trichloroethylene	100 D
Freon 11	390 D

Sample ID	SV-2
Sampling Date	7/19/2024
Compound	Result Q
VOCs	ug/m3
1,1,1-Trichloroethane	1 D
1,1,2,2-Tetrachloroethane	1.6 D
Freon 113	2 D
1,1-Dichloroethane	0.78 D
1,1-Dichloroethylene	0.69 D
1,2,4-Trichlorobenzene	2.7 J-
1,2,4-Trimethylbenzene	5 D
1,2-Dichlorobenzene	2.6 J-
1,2-Dichloroethane	0.78 D
1,3,5-Trimethylbenzene	3.3 J
1,3-Dichlorobenzene	2 J
1,4-Dichlorobenzene	2.1 J
1,4-Dioxane	3.4 D
2,2,4-Trimethylpentane	0.9 D
2-Butanone	2.4 J
2-Hexanone	3.1 D
4-Methyl-2-pentanone	3.6 D
Acetone	15 J-
Acrylonitrile	0.61 D
Benzene	1.2 D
Benzyl chloride	1.7 D
Bromomethane	1 D
Carbon disulfide	1.5 J
Carbon tetrachloride	1.3 J
Chlorobenzene	0.88 D
Chloroethane	0.55 D
Chloroform	1.5 D
cis-1,2-Dichloroethylene	0.69 D
Cyclohexane	0.66 D
Dichlorodifluoromethane	2.7 D
Ethyl Benzene	1.8 J
Hexachlorobutadiene	5.6 J
Isopropanol	4.5 BD
Methyl Methacrylate	1.1 D
MTBE	0.69 D
Methylene chloride	1.3 D
Naphthalene	3.6 J-
n-Heptane	0.79 D
n-Hexane	0.8 D
o-Xylene	2.8 J
p- & m- Xylenes	6.1 D
p-Ethyltoluene	4.2 D
Styrene	1.5 J
Tetrachloroethylene	3.4 D
Tetrahydrofuran	1.2 D
Toluene	2 J
trans-1,2-Dichloroethylene	0.69 D
Trichloroethylene	2.8 J-
Freon 11	7.1 J
Vinyl bromide	0.84 D
Vinyl Chloride	0.4 D

Sample ID	SV-12S
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
Freon 113	43 D
1,3-Butadiene	26 D
2-Butanone	14 D
Acetone	330 D
Benzene	16 D
Carbon disulfide	38 D
Carbon tetrachloride	28 J+
Chloroform	18 J+
Cyclohexane	7.9 D
Isopropanol	14 D
n-Heptane	12 D
n-Hexane	26 D
Propylene	290 D
Tetrachloroethylene	19 D
Toluene	35 D
Trichloroethylene	360 BD
Freon 11	2,200 J+

Sample ID	SV-12D
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
Freon 113	43 D
1,3-Butadiene	26 D
2-Butanone	11 D
Acetone	43 D
Benzene	11 D
Carbon disulfide	40 D
Carbon tetrachloride	25 J+
Chloroform	17 J+
Dichlorodifluoromethane	8.1 J+
Isopropanol	8.1 D
Propylene	26 D
Tetrachloroethylene	29 D
Toluene	29 D
Trichloroethylene	450 BD
Freon 11	1,800 J+

Sample ID	SV-12S
Sampling Date	8/8/2024
Compound	Result Q
VOCs	ug/m3
Freon 113	43 D
1,3-Butadiene	26 D
2-Butanone	14 D
Acetone	330 D
Benzene	16 D
Carbon disulfide	38 D
Carbon tetrachloride	28 J+
Chloroform	18 J+
Cyclohexane	7.9 D
Isopropanol	14 D
n-Heptane	12 D
n-Hexane	26 D
Propylene	290 D
Tetrachloroethylene	19 D
Toluene	35 D
Trichloroethylene	360 BD
Freon 11	2,200 J+

Compound	NYSDOH Matrices Min. Concentrations	NYSDOH AGVs
VOCs	ug/m3	ug/m3
1,1,1-Trichloroethane	100	~
1,1-Dichloroethylene	6	~
Freon 113	~	~
2,2,4-Trimethylpentane	~	~
1,2,4-Trimethylbenzene	60	~
1,3,5-Trimethylbenzene	60	~
1,4-Dichlorobenzene	~	~
2-Butanone	~	~
2-Hexanone	~	~
4-Methyl-2-pentanone	~	~
Acetone	~	~
Acrolein	~	~
Acrylonitrile	~	~
Benzene	60	~
Bromomethane	~	~
Carbon disulfide	~	~
Carbon tetrachloride	6	5
cis-1,2-Dichloroethylene	6	~
Chloroform	~	~
Chloromethane	~	~
Cyclohexane	60	~
Dichlorodifluoromethane	~	~
Ethyl acetate	~	~
Ethyl Benzene	60	~
Isopropanol	~	~
n-Heptane	200	~
n-Hexane	200	~
o-Xylene	60	~
p- & m- Xylenes	200	~
p-Ethyltoluene	~	~
Propylene	~	~
Tetrachloroethylene	100	30
Toluene	300	~
Trichloroethylene	6	2
Freon 11	~	~
Xylenes, Total	~	~

vEKtor consultants

t: +1.347.871.0750
f: +1.347.402.7735
e: info@vektorconsultants.com
www.vektorconsultants.com

Legend:

- BCP Site Boundary
- Building Boundary
- SB-X — Prior Soil Boring Location and ID (July 2024)
- SB-X/GW-X — Prior Soil Boring/Groundwater Sample Location and ID (July 2024)
- SV-X — Prior Soil Vapor Point Location and ID (July 2024)
- SV-X — Prior Soil Vapor Point Location and ID (August 2024)
- MW-X — Monitoring Well Location and ID (August 2024)
- MW-X — Monitoring Well Location and ID (May 2024)
- 25SB-X — Soil Boring Location and ID (May 2025)
- 25SV-X — Soil Vapor Point Location and ID (May 2025)
- 25OA-X — Outdoor Ambient Air Location and ID (May 2025)
- 26SB-X — Soil Boring Location and ID (February 2026)
- 26SV-X — Soil Vapor Location and ID (February 2026)
- 26SB-1/26MW-1 — Soil Boring/Monitoring Well Location and ID (February 2026)
- WCXX — Soil Vapor Location and ID (November 2025)
- WCXX — Soil Boring Location and ID (November 2025)
- 26OA-X — Outdoor Ambient Air Location and ID (2026)
- WCXX-IndoorAirX — Indoor Air Sample Location and ID (November 2025)
- 26SS-X — Sub-Slab Soil Vapor Location and ID (February 2026)
- WCXX — Sub-Slab Soil Vapor Location and ID (November 2025)

Notes:

1. All results are reported in micrograms per cubic meter (ug/m3)
2. Freon 113: 1,1,2-Trichloro-1,2,2-trifluoroethane
3. Freon 11: Trichlorofluoromethane
4. Qualifiers
   D=result is from an analysis that required a dilution
   U=analyte not detected at or above the level indicated
   J = Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
   J- = Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
   J+ = Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
   UJ = Not detected, quantitation limit may be inaccurate or imprecise.
   ~=this indicates that no regulatory limit has been established for this analyte
   D=result is from an analysis that required a dilution
   B=analyte found in the analysis batch blank

Scale:	0 60
Figure No.	8
Figure Name:	SOIL VAPOR DETECTIONS
Report:	RIR
Date:	4/13/2026
Drawn By:	KB
Site Address:	32-10 38TH AVENUE, 32-20 38TH AVENUE & 38-13 33RD STREET QUEENS, NEW YORK

Elevation (ft)

35

30

25

20

25SB-2

25SB-4

25SB-6

25SB-12

25SB-10

Elevation (ft)

35

30

25

20

Distance (ft)

47

50

44

19

Horizontal scale: 5 feet

Vertical scale: 5 feet

Legend

CONCRETE

Poorly graded SAND (SP)

ASPHALT

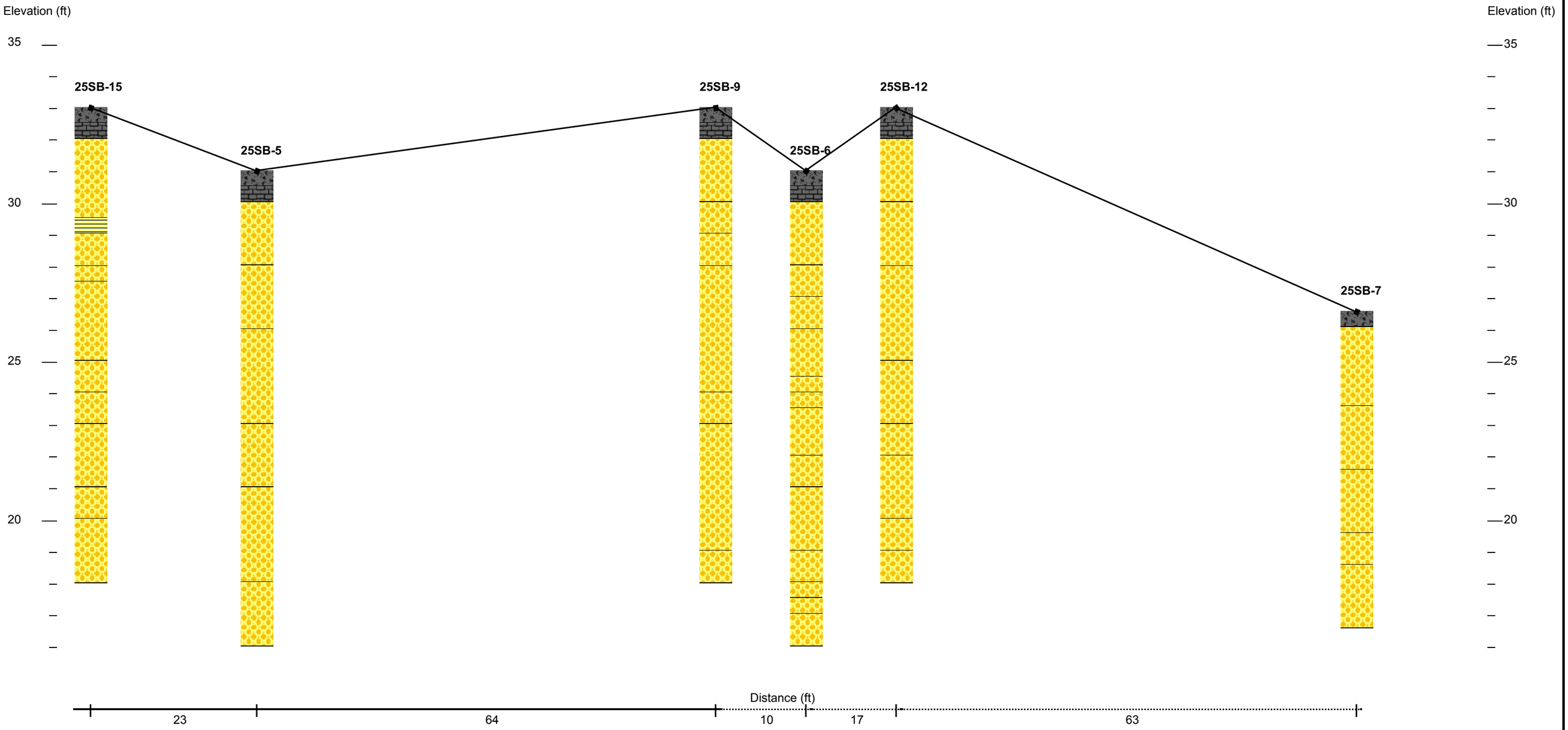
Water Level During Drilling

Built with Google Maps

vEKtor consultants

Figure 9
SUBSURFACE CROSS SECTION N-S

32-20 38TH AVENUE &
38-18 33RD STREET
QUEENS, NY

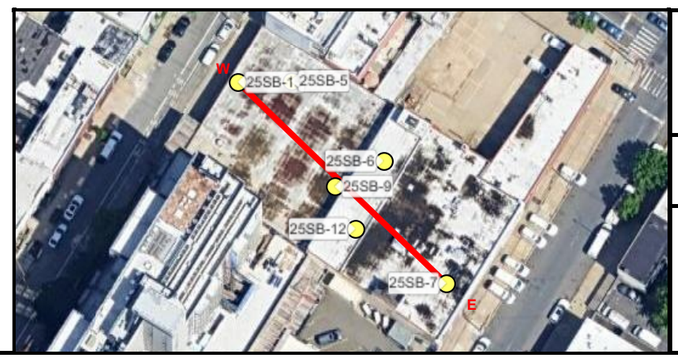


Horizontal scale: 5 feet
Vertical scale: 5 feet

Legend

- CONCRETE
- ASPHALT
- Poorly graded SAND (SP)
- SEDIMENTARY Rock

Built with Google Maps



vEKtor consultants

Figure 10
SUBSURFACE CROSS SECTION E-W

32-20 38TH AVENUE &
38-18 33RD STREET
QUEENS, NY

TABLES

Table 1

Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points
C241285_Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue 38-18 33rd Street, Queens, New York

Sample Media	Installation Date	Sample ID	Total Depth from Grade (feet)	Depth to Water (feet)
SOIL	5/6/25	25SB-1 (0-2')	15'	13'
		25SB-1 (2-4')		
		25SB-1 (11-13')		
	5/2/25	25SB-2 (0-2')	15'	14.5'
		25SB-2 (5-7')		
		25SB-2 (12.5-14.5')		
	5/6/25	25SB-3 (0-2')	15'	13'
		25SB-3 (4-6')		
		25SB-3 (11-13')		
	5/2/25	25SB-4 (0-2')	15'	13'
		25SB-4 (3-5')		
		25SB-4 (11-13')		
	5/5/25	25SB-5 (0-2')	15'	13'
		25SB-5 (3-5')		
		25SB-5 (11-13')		
	5/5/25	25SB-6 (0-2')	15'	13.5'
		25SB-6 (3-5')		
		25SB-6 (11.5-13.5')		
	5/6/25	25SB-7 (0-2')	10'	8'
		25SB-7 (3-5')		
		25SB-7 (6-8')		
	5/6/25	25SB-8 (0-2')	15'	14.5'
		25SB-8 (3-5')		
		25SB-8 (12.5-14.5')		
	5/5/25	25SB-9 (0-2')	15'	14'
		25SB-9 (2-4')		
		25SB-9 (12-14')		
	5/2/25	25SB-10 (0-2')	15'	13'
		25SB-10 (2-4')		
		25SB-10 (11-13')		
	5/6/25	25SB-11 (0-1.5')	2'	2'
	5/5/25	25SB-12 (0-2')	15'	13'
		25SB-12 (3-5')		
		25SB-12 (11-13')		
	5/5/25	25SB-13 (0-2')	20'	15'
		25SB-13 (3-5')		
		25SB-13 (13-15')		
	5/6/25	25SB-14 (0-2')	15'	12'
		25SB-14 (4-6')		
		25SB-14 (10-12')		
	5/6/25	25SB-15 (0-2')	15'	12'
		25SB-15 (4-6')		
		25SB-15 (10-12')		
	5/27/25	25SB-16 (0-2')	15'	14'
		25SB-16 (2-4')		
		25SB-16 (12-14')		
	5/27/25	25SB-17 (0-2')	15'	13'
		25SB-17 (2-4')		
		25SB-17 (11-13')		
	5/27/25	25SV-2-S (0-2')	15'	14'
		25SV-2-S (2-4')		
		25SV-2-S (10-12')		
		25SV-2-S (12-14')		
		25SV-2-S (14-15')		
	5/27/25	25SV-2-N (10-12')	15'	14'
		25SV-2-N (12-14')		
		25SV-2-N (14-15')		
	11/13/25	WC3210-Cellar (0-2')	4'	-
		WC3210-Cellar (3-4')		
		WC3210-Rear Yard (0-2')	4'	-
		WC3210-Rear Yard (3-4')		
	2/4/26	26SB-1 (0-2)	27'	20'
		26SB-1 (6-8)		
		26SB-1 (15-17)		
		26SB-2 (0-2)	19'	-
		26SB-2 (7-9)		
		26SB-2 (17-19)		
		26SB-4 (0-2)	19'	-
		26SB-4 (5-7)		
		26SB-4 (17-19)		
	5/2/25	25SB-DUP-1 (25SB-2)	2'	-
	5/2/25	MS/MSD-1 (25SB-4)	13'	-
	5/5/25	25SB-DUP-2 (25SB-12)	13'	-
	5/6/25	MS/MSD-2 (25SB-1)	2'	-
	5/6/25	25SB-DUP-3 (25SB-7)	2'	-
	5/6/25	MS/MSD-3 (25SB-8)	2'	-
	5/27/25	DUP-4(0-2) (25SB-16)	2'	-
	5/27/25	MS/MSD-4 (25SB-17)	14'	-
	2/4/26	Field Dup-020426 (26SB-1)	17'	-
		26-MS/MSD (26SB-4)	19'	-

Table 1

Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points
C241285_Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue 38-18 33rd Street, Queens, New York

Sample Media	Installation Date	Sample ID	Total Depth from Grade (feet)	Depth to Water (feet)
GROUNDWATER	8/7/24	MW-1	17.38'	15.46' (from TOC)
		MW-MS/MSD-1		
	5/27/25	MW-1I	25.06'	15.42' (from TOC)
	5/27/25	MW-1D	35'	15.46' (from TOC)
	8/7/24	MW-2	17.18'	15.68 (from TOC)
	8/7/24	MW-3	17.76'	13.53' (from TOC)
		MW-DUP-1		
	5/5/25	MW-4	20.05'	15.84' (from TOC)
	5/6/25	MW-5	15.33'	12.44' (from TOC)
	5/2/25	MW-6	20.13'	15.60' (from TOC)
	5/5/25	MW-7	19.24'	16.06' (from TOC)
	2/4/26	26MW-1	27'	20' (from TOC)

Note:

TOC= Top Of Casing

SOIL VAPOR	5/5/25	25SV-1	12'	-
		25SV-2	12'	-
		25SV-DUP-1 (25SV-2)		
	5/6/25	25SV-3	6'	-
	5/2/25	25SV-4	12'	-
		25SV-5	12'	-
	11/13/25	WC3210-SV1	3'	-
	2/11/26	26SV-2	5'	-
		26SV-3	5'	-
		DUP (26SV-3)		
SUB-SLAB SOIL VAPOR	11/13/25	WC3210-SS1	0.5'	-
	2/11/26	26SS-1	0.5'	-
INDOOR AIR	11/13/25	WC3210-IndoorAir1	3' above grade	-
OUTDOOR AMBIENT AIR	5/2/25	25OA-1	3' above grade	-
	2/11/26	26OA-1	3' above grade	-

Table 2
Soil Vapor Sampling Log
C241285_Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, Queens, New York

Sample Date	Sample ID	Canister ID	Flow Controller ID	Canister Pressure in Field ('Hg') Start	Canister Pressure in Field ('Hg') Stop	Start Sampling Time	Stop Sampling Time
5/7/2025	25SV-1	20665	20439	~30	~8	6:25	14:01
5/7/2025	25SV-2	50316	19402	~30	~8	6:22	13:52
5/7/2025	25SV-3	37782	20942	~30	~8	6:28	14:08
5/7/2025	25SV-4	50935	20447	~30	~8	6:15	14:13
5/7/2025	25SV-5	50202	20452	~30	~8	6:18	14;05
5/7/2025	25SV-DUP-1	41936	19428	~30	~8	6:23	14:16
5/7/2025	25OA-1	51008	20236	~30	~8	6:20	13:45
11/13/2025	WC3210-IndoorAir1	50300	20922	~30	~4	13:16	15:08
11/13/2025	WC3210-SS1	28303	20410	~30	~5	13:01	15:03
11/13/2025	WC3210-SV1	24115	22293	~30	~2	13:13	15:06
2/11/2026	26SS-1	50995	20952	~30	~5	9:50	17:50
2/11/2026	26SV-2	49973	20174	~30	~5	9:52	17:52
2/11/2026	26OA-1	48293	20920	~30	~5	9:57	17:57
2/11/2026	26SV-3	51006	20458	~30	~5	9:55	17:55
2/11/2026	DUP	51434	20458	~30	~5	9:55	17:55

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	SB-1 (12'-14')		SB-2 (2'-4')		SB-2 (16'-18')		SB-3 (16'-18')		SB-4 (10'-12')	
Laboratory ID					24G1298-06		24G1298-07		24G1298-05		24G1298-08		24G1298-04	
Sampling Date					7/18/2024		7/18/2024		7/18/2024		7/18/2024		7/18/2024	
Sample Matrix					Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,1-Dichloroethane	75-34-3	0.27	26	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,1-Dichloroethylene	75-35-4	0.33	100	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,2-Dibromoethane	106-93-4	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,2-Dichloroethane	107-06-2	0.02	3.1	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,2-Dichloropropane	78-87-5	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,3-Dichlorobenzene	541-73-1	2.4	49	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,3-Dichloropropane	142-28-9	~	~	~	NT		NT		NT		NT		NT	
1,4-Dichlorobenzene	106-46-7	1.8	13	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
1,4-Dioxane	123-91-1	0.1	13	N/A	0.056	U	0.044	U	0.042	U	0.044	U	0.052	U
2-Butanone	78-93-3	0.12	100	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
2-Hexanone	591-78-6	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Acetone	67-64-1	0.05	100	N/A	0.0056	U	0.0044	U	0.0042	U	0.0044	U	0.0052	U
Acrolein	107-02-8	~	~	~	0.0056	U	0.0044	U	0.0042	U	0.0044	U	0.0052	U
Acrylonitrile	107-13-1	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Benzene	71-43-2	0.06	4.8	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Bromochloromethane	74-97-5	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Bromodichloromethane	75-27-4	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Bromoform	75-25-2	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Bromomethane	74-83-9	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Carbon disulfide	75-15-0	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Carbon tetrachloride	56-23-5	0.76	2.4	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Chlorobenzene	108-90-7	1.1	100	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Chloroethane	75-00-3	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Chloroform	67-66-3	0.37	49	0.37	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Chloromethane	74-87-3	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Cyclohexane	110-82-7	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Dibromochloromethane	124-48-1	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Dibromomethane	74-95-3	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Ethyl Benzene	100-41-4	1	41	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Isopropylbenzene	98-82-8	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Methyl acetate	79-20-9	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Methylcyclohexane	108-87-2	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Methylene chloride	75-09-2	0.05	100	N/A	0.0056	U	0.0044	U	0.0042	U	0.0044	U	0.0052	U
Naphthalene	91-20-3	~	~	~	NT		NT		NT		NT		NT	
n-Butylbenzene	104-51-8	12	100	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
n-Propylbenzene	103-65-1	3.9	100	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
o-Xylene	95-47-6	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
p- & m- Xylenes	179601-23-1	~	~	~	0.0056	U	0.0044	U	0.0042	U	0.0044	U	0.0052	U
p-Diethylbenzene	105-05-5	~	~	~	NT		NT		NT		NT		NT	
p-Ethyltoluene	622-96-8	~	~	~	NT		NT		NT		NT		NT	
p-Isopropyltoluene	99-87-6	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
sec-Butylbenzene	135-98-8	11	100	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Styrene	100-42-5	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
tert-Butylbenzene	98-06-6	5.9	100	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	**0.0028**	J	**0.0022**	UJ	0.0021	U	0.0022	U	0.0026	U
Toluene	108-88-3	0.7	100	0.7	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Trichlorofluoromethane	75-69-4	~	~	~	0.0028	U	0.0022	U	0.0021	U	**0.0039**	J	0.0026	U
Vinyl Chloride	75-01-4	0.02	0.9	N/A	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U
Xylenes, Total	1330-20-7	0.26	100	N/A	0.0084	U	0.0067	U	0.0063	U	0.0065	U	0.0079	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
~=this indicates that no regulatory limit has been established for this analyte
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	SB-5 (10'-12')		SB-6 (8'-10')		SB-7 (2'-4)		SB-8 (10'-12')		TRIP BLANK	
Laboratory ID					24G1298-02		24G1298-01		24G1298-09		24G1298-03		24G1298-10	
Sampling Date					7/18/2024		7/18/2024		7/18/2024		7/18/2024		7/18/2024	
Sample Matrix					Soil		Soil		Soil		Soil		Water	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ug/L	
Dilution Factor					1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.216	U
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.266	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.286	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.249	U
1,1-Dichloroethane	75-34-3	0.27	26	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.272	U
1,1-Dichloroethylene	75-35-4	0.33	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.327	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.222	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.273	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.138	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.31	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.432	U
1,2-Dibromoethane	106-93-4	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.215	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.27	U
1,2-Dichloroethane	107-06-2	0.02	3.1	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.377	U
1,2-Dichloropropane	78-87-5	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.327	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.347	U
1,3-Dichlorobenzene	541-73-1	2.4	49	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.283	U
1,3-Dichloropropane	142-28-9	~	~	~	NT		NT		NT		NT		0.26	U
1,4-Dichlorobenzene	106-46-7	1.8	13	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.311	U
1,4-Dioxane	123-91-1	0.1	13	N/A	0.054	U	0.056	U	0.058	U	0.05	U	35.3	U
2-Butanone	78-93-3	0.12	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.421	U
2-Hexanone	591-78-6	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.32	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.365	U
Acetone	67-64-1	0.05	100	N/A	0.0054	U	**0.0093**	J	0.0058	U	0.0050	U	1.34	U
Acrolein	107-02-8	~	~	~	0.0054	U	0.0056	U	0.0058	U	0.0050	U	0.447	U
Acrylonitrile	107-13-1	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.422	U
Benzene	71-43-2	0.06	4.8	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.279	U
Bromochloromethane	74-97-5	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.354	U
Bromodichloromethane	75-27-4	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.245	U
Bromoform	75-25-2	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.163	U
Bromomethane	74-83-9	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.119	U
Carbon disulfide	75-15-0	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.362	U
Carbon tetrachloride	56-23-5	0.76	2.4	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.204	U
Chlorobenzene	108-90-7	1.1	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.284	U
Chloroethane	75-00-3	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.448	U
Chloroform	67-66-3	0.37	49	0.37	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.243	U
Chloromethane	74-87-3	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.372	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.294	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.262	U
Cyclohexane	110-82-7	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.491	U
Dibromochloromethane	124-48-1	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.146	U
Dibromomethane	74-95-3	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.203	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.451	U
Ethyl Benzene	100-41-4	1	41	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.29	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.241	U
Isopropylbenzene	98-82-8	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.405	U
Methyl acetate	79-20-9	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.442	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.244	U
Methylcyclohexane	108-87-2	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.477	U
Methylene chloride	75-09-2	0.05	100	N/A	0.0054	U	0.0056	U	0.0058	U	0.005	U	0.397	U
Naphthalene	91-20-3	~	~	~	NT		NT		NT		NT		0.212	U
n-Butylbenzene	104-51-8	12	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.399	U
n-Propylbenzene	103-65-1	3.9	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.384	U
o-Xylene	95-47-6	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.261	U
p- & m- Xylenes	179601-23-1	~	~	~	0.0054	U	0.0056	U	0.0058	U	0.0050	U	0.578	U
p-Diethylbenzene	105-05-5	~	~	~	NT		NT		NT		NT		0.341	U
p-Ethyltoluene	622-96-8	~	~	~	NT		NT		NT		NT		0.2	U
p-Isopropyltoluene	99-87-6	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.377	U
sec-Butylbenzene	135-98-8	11	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.444	U
Styrene	100-42-5	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.255	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.608	U
tert-Butylbenzene	98-06-6	5.9	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.367	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.0027	U	0.0028	U	**0.0029**	UJ	0.0025	U	**0.239**	UJ
Toluene	108-88-3	0.7	100	0.7	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.346	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.279	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.229	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	NT	
Trichloroethylene	79-01-6	0.47	21	0.47	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.249	U
Trichlorofluoromethane	75-69-4	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.337	U
Vinyl Chloride	75-01-4	0.02	0.9	N/A	0.0027	U	0.0028	U	0.0029	U	0.0025	U	0.469	U
Xylenes, Total	1330-20-7	0.26	100	N/A	0.008	U	0.0085	U	0.0088	U	0.0076	U	0.839	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
~=this indicates that no regulatory limit has been established for this analyte
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	25SB-1 (0-2) 25E0288-04 5/6/2025 Soil		25SB-1 (2-4) 25E0288-05 5/6/2025 Soil		25SB-1 (11-13) 25E0288-06 5/6/2025 Soil		25SB-2 (0-2) 25E0127-02 5/2/2025 Soil		25-SB-DUP-1(0-2) 25E0127-01 5/2/2025 Soil		25SB-2 (5-7) 25E0127-03 5/2/2025 Soil		25SB-2 (12.5-14.5) 25E0127-04 5/2/2025 Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,1-Dichloroethane	75-34-3	0.27	47	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,1-Dichloroethylene	75-35-4	0.24	0.98	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,2-Dibromoethane	106-93-4	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,2-Dichloroethane	107-06-2	0.02	5.8	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,2-Dichloropropane	78-87-5	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
1,4-Dioxane	123-91-1	0.1	5.7	N/A	0.055	U	0.057	U	0.058	U	0.052	U	0.052	U	0.051	U	0.048	U
2-Butanone	78-93-3	0.10	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
2-Hexanone	591-78-6	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Acetone	67-64-1	0.03	100	N/A	0.0055	U	0.0057	U	0.0058	U	0.0052	U	0.0052	U	0.0051	U	0.0048	U
Acrolein	107-02-8	~	~	~	0.0055	U	0.0057	U	0.0058	U	0.0052	U	0.0052	U	0.0051	U	0.0048	U
Acrylonitrile	107-13-1	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Benzene	71-43-2	0.06	3.7	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Bromochloromethane	74-97-5	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Bromodichloromethane	75-27-4	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Bromoform	75-25-2	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Bromomethane	74-83-9	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Carbon disulfide	75-15-0	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Carbon tetrachloride	56-23-5	0.76	7.1	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Chlorobenzene	108-90-7	4.5	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Chloroethane	75-00-3	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Chloroform	67-66-3	0.37	24	0.37	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Chloromethane	74-87-3	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
cis-1,2-Dichloroethylene	156-59-2	0.19	41	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Cyclohexane	110-82-7	~	~	~	**0.0027**	UJ	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Dibromochloromethane	124-48-1	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Dibromomethane	74-95-3	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Ethyl Benzene	100-41-4	1	76	N/A	**0.0027**	UJ	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Isopropylbenzene	98-82-8	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Methyl acetate	79-20-9	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Methylcyclohexane	108-87-2	~	~	~	**0.0027**	UJ	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Methylene chloride	75-09-2	0.05	81	N/A	0.0055	U	0.0057	U	0.0058	U	0.0052	U	0.0052	U	0.0051	U	0.0048	U
n-Butylbenzene	104-51-8	18	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
n-Propylbenzene	103-65-1	5	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
o-Xylene	95-47-6	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
p- & m- Xylenes	179601-23-1	~	~	~	0.0055	U	0.0057	U	0.0058	U	0.0052	U	0.0052	U	0.0051	U	0.0048	U
p-Isopropyltoluene	99-87-6	~	~	~	**0.0027**	UJ	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
sec-Butylbenzene	135-98-8	25	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Styrene	100-42-5	~	~	~	**0.0027**	UJ	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
tert-Butylbenzene	98-06-6	11	100	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Tetrachloroethylene	127-18-4	1.3	18	1.3	0.0027	U	**0.0028**	UJ	**0.0029**	UJ	**0.0026**	UJ	**0.0026**	UJ	**0.0025**	UJ	**0.0024**	UJ
Toluene	108-88-3	0.7	100	0.7	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Trichloroethylene	79-01-6	0.47	6.4	0.47	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Trichlorofluoromethane	75-69-4	~	~	~	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Vinyl Chloride	75-01-4	0.03	0.48	N/A	0.0027	U	0.0028	U	0.0029	U	0.0026	U	0.0026	U	0.0025	U	0.0024	U
Xylenes, Total	1330-20-7	0.26	100	N/A	0.0082	U	0.0085	U	0.0087	U	0.0078	U	0.0078	U	0.0076	U	0.0072	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	25SB-3 (0-2) 25E0288-15 5/6/2025 Soil		25SB-3 (4-6) 25E0288-16 5/6/2025 Soil		25SB-3 (11-13) 25E0288-17 5/6/2025 Soil		25SB-4 (0-2) 25E0127-05 5/2/2025 Soil		25SB-4 (3-5) 25E0127-06 5/2/2025 Soil		25SB-4 (11-13) 25E0127-07 5/2/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,1-Dichloroethane	75-34-3	0.27	47	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,1-Dichloroethylene	75-35-4	0.24	0.98	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,2-Dibromoethane	106-93-4	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,2-Dichloroethane	107-06-2	0.02	5.8	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,2-Dichloropropane	78-87-5	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
1,4-Dioxane	123-91-1	0.1	5.7	N/A	0.059	U	0.051	U	**0.051**	UJ	0.046	U	0.055	U	0.066	U
2-Butanone	78-93-3	0.10	100	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
2-Hexanone	591-78-6	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Acetone	67-64-1	0.03	100	N/A	0.0059	U	0.0051	U	**0.0051**	UJ	0.0046	U	**0.029**	J	0.0066	U
Acrolein	107-02-8	~	~	~	0.0059	U	0.0051	U	**0.0051**	UJ	0.0046	U	0.0055	U	0.0066	U
Acrylonitrile	107-13-1	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Benzene	71-43-2	0.06	3.7	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Bromochloromethane	74-97-5	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Bromodichloromethane	75-27-4	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Bromoform	75-25-2	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Bromomethane	74-83-9	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Carbon disulfide	75-15-0	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Carbon tetrachloride	56-23-5	0.76	7.1	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Chlorobenzene	108-90-7	4.5	100	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Chloroethane	75-00-3	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Chloroform	67-66-3	0.37	24	0.37	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Chloromethane	74-87-3	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
cis-1,2-Dichloroethylene	156-59-2	0.19	41	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Cyclohexane	110-82-7	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	**0.0033**	UJ
Dibromochloromethane	124-48-1	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Dibromomethane	74-95-3	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Ethyl Benzene	100-41-4	1	76	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Isopropylbenzene	98-82-8	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Methyl acetate	79-20-9	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	100	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Methylcyclohexane	108-87-2	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	**0.0033**	UJ
Methylene chloride	75-09-2	0.05	81	N/A	0.0059	U	0.0051	U	**0.0051**	UJ	0.0046	U	0.0055	U	0.0066	U
n-Butylbenzene	104-51-8	18	100	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
n-Propylbenzene	103-65-1	5	100	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
o-Xylene	95-47-6	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
p- & m- Xylenes	179601-23-1	~	~	~	0.0059	U	0.0051	U	**0.0051**	UJ	0.0046	U	0.0055	U	0.0066	U
p-Isopropyltoluene	99-87-6	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
sec-Butylbenzene	135-98-8	25	100	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Styrene	100-42-5	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
tert-Butylbenzene	98-06-6	11	100	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Tetrachloroethylene	127-18-4	1.3	18	1.3	**0.0029**	UJ	**0.0025**	UJ	**0.0026**	UJ	**0.0023**	UJ	**0.0027**	UJ	**0.0033**	UJ
Toluene	108-88-3	0.7	100	0.7	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Trichloroethylene	79-01-6	0.47	6.4	0.47	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Trichlorofluoromethane	75-69-4	~	~	~	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Vinyl Chloride	75-01-4	0.03	0.48	N/A	0.0029	U	0.0025	U	**0.0026**	UJ	0.0023	U	0.0027	U	0.0033	U
Xylenes, Total	1330-20-7	0.26	100	N/A	0.0088	U	0.0076	U	**0.0077**	UJ	0.0069	U	0.0082	U	0.0098	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	25SB-5 (0-2)		25SB-5 (3-5)		25SB-5 (11-13)		25SB-DUP-2 (11-13)		25SB-6 (0-2)		25SB-6 (3-5)		25SB-6 (11.5-13.5)	
Laboratory ID					25E0212-15		25E0212-16		25E0212-17		25E0212-18		25E0212-10		25E0212-11		25E0212-12	
Sampling Date					5/5/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025	
Sample Matrix					Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,1,2-Trichloroethane	79-00-5	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,1-Dichloroethane	75-34-3	0.27	47	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,1-Dichloroethylene	75-35-4	0.24	0.98	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,2,3-Trichloropropane	96-18-4	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,2-Dibromoethane	106-93-4	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,2-Dichloroethane	107-06-2	0.02	5.8	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,2-Dichloropropane	78-87-5	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	**0.0024**	UJ	**0.003**	UJ	0.0028	R	**0.003**	UJ	0.0026	U	0.0026	U	**0.0023**	UJ
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
1,4-Dioxane	123-91-1	0.1	5.7	N/A	**0.049**	UJ	0.061	U	0.056	R	0.06	U	0.052	U	0.052	U	0.047	U
2-Butanone	78-93-3	0.10	100	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
2-Hexanone	591-78-6	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
4-Methyl-2-pentanone	108-10-1	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Acetone	67-64-1	0.03	100	N/A	**0.0049**	UJ	0.0061	U	0.0056	R	0.006	U	0.0052	U	0.0052	U	0.0047	U
Acrolein	107-02-8	~	~	~	**0.0049**	UJ	0.0061	U	0.0056	R	0.006	U	0.0052	U	0.0052	U	0.0047	U
Acrylonitrile	107-13-1	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Benzene	71-43-2	0.06	3.7	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Bromochloromethane	74-97-5	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Bromodichloromethane	75-27-4	~	~	~	**0.0024**	UJ	**0.003**	UJ	0.0028	R	**0.003**	UJ	0.0026	U	0.0026	U	**0.0023**	UJ
Bromoform	75-25-2	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Bromomethane	74-83-9	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Carbon disulfide	75-15-0	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Carbon tetrachloride	56-23-5	0.76	7.1	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Chlorobenzene	108-90-7	4.5	100	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Chloroethane	75-00-3	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Chloroform	67-66-3	0.37	24	0.37	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Chloromethane	74-87-3	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
cis-1,2-Dichloroethylene	156-59-2	0.19	41	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Cyclohexane	110-82-7	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Dibromochloromethane	124-48-1	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Dibromomethane	74-95-3	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Dichlorodifluoromethane	75-71-8	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Ethyl Benzene	100-41-4	1	76	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Hexachlorobutadiene	87-68-3	~	~	~	**0.0024**	UJ	**0.003**	UJ	0.0028	R	**0.003**	UJ	0.0026	U	0.0026	U	**0.0023**	UJ
Isopropylbenzene	98-82-8	~	~	~	**0.0024**	UJ	**0.003**	UJ	0.0028	R	**0.003**	UJ	0.0026	U	0.0026	U	**0.0023**	UJ
Methyl acetate	79-20-9	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	100	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Methylcyclohexane	108-87-2	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Methylene chloride	75-09-2	0.05	81	N/A	**0.0049**	UJ	0.006	U	0.0056	R	0.006	U	0.0052	U	0.0052	U	**0.0061**	J
n-Butylbenzene	104-51-8	18	100	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
n-Propylbenzene	103-65-1	5	100	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
o-Xylene	95-47-6	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
p- & m- Xylenes	179601-23-1	~	~	~	**0.0049**	UJ	0.006	U	0.0056	R	0.006	U	0.0052	U	0.0052	U	0.0047	U
p-Isopropyltoluene	99-87-6	~	~	~	**0.0024**	UJ	**0.003**	UJ	0.0028	R	**0.003**	UJ	0.0026	U	0.0026	U	**0.0023**	UJ
sec-Butylbenzene	135-98-8	25	100	N/A	**0.0024**	UJ	**0.003**	UJ	0.0028	R	**0.003**	UJ	0.0026	U	0.0026	U	**0.0023**	UJ
Styrene	100-42-5	~	~	~	**0.0024**	UJ	**0.003**	UJ	0.0028	R	**0.003**	UJ	**0.0026**	UJ	**0.0026**	UJ	**0.0023**	UJ
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
tert-Butylbenzene	98-06-6	11	100	N/A	**0.0024**	UJ	**0.003**	UJ	0.0028	R	**0.003**	UJ	0.0026	U	0.0026	U	**0.0023**	UJ
Tetrachloroethylene	127-18-4	1.3	18	1.3	**0.0024**	UJ	**0.003**	UJ	0.0028	R	**0.003**	UJ	0.0026	U	0.0026	U	**0.0023**	UJ
Toluene	108-88-3	0.7	100	0.7	**0.0024**	UJ	**0.003**	UJ	0.0028	R	**0.003**	UJ	0.0026	U	0.0026	U	**0.0023**	UJ
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Trichloroethylene	79-01-6	0.47	6.4	0.47	**0.0024**	UJ	**0.003**	UJ	0.0028	R	**0.003**	UJ	**0.003**	J	0.0026	U	**0.0023**	UJ
Trichlorofluoromethane	75-69-4	~	~	~	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Vinyl Chloride	75-01-4	0.03	0.48	N/A	**0.0024**	UJ	0.003	U	0.0028	R	0.003	U	0.0026	U	0.0026	U	0.0023	U
Xylenes, Total	1330-20-7	0.26	100	N/A	**0.0073**	UJ	0.0091	U	0.0083	R	0.009	U	0.0078	U	0.0077	U	0.0070	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	25SB-7 (0-2)		25SB-7 (3-5)		25SB-7 (6-8)		25SB-8 (0-2)		25SB-DUP-3 (0-2)		25SB-8 (3-5)		25SB-8 (12.5-14.5)	
Laboratory ID					25E0288-12		25E0288-13		25E0288-14		25E0288-18		25E0288-21		25E0288-19		25E0288-20	
Sampling Date					5/6/2025		5/6/2025		5/6/2025		5/6/2025		5/6/2025		5/6/2025		5/6/2025	
Sample Matrix					Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,1-Dichloroethane	75-34-3	0.27	47	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,1-Dichloroethylene	75-35-4	0.24	0.98	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
1,2,3-Trichloropropane	96-18-4	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
1,2,4-Trimethylbenzene	95-63-6	5.9	100	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,2-Dibromoethane	106-93-4	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
1,2-Dichloroethane	107-06-2	0.02	5.8	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,2-Dichloropropane	78-87-5	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
1,4-Dioxane	123-91-1	0.1	5.7	N/A	0.049	U	0.064	U	0.062	U	0.06	U	0.053	U	0.052	U	0.065	U
2-Butanone	78-93-3	0.10	100	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
2-Hexanone	591-78-6	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Acetone	67-64-1	0.03	100	N/A	0.0049	U	0.0064	U	0.0062	U	0.006	U	0.0053	U	0.0052	U	0.0065	U
Acrolein	107-02-8	~	~	~	0.0049	U	0.0064	U	0.0062	U	0.006	U	0.0053	U	0.0052	U	0.0065	U
Acrylonitrile	107-13-1	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Benzene	71-43-2	0.06	3.7	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Bromochloromethane	74-97-5	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Bromodichloromethane	75-27-4	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Bromoform	75-25-2	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Bromomethane	74-83-9	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Carbon disulfide	75-15-0	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Carbon tetrachloride	56-23-5	0.76	7.1	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Chlorobenzene	108-90-7	4.5	100	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Chloroethane	75-00-3	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Chloroform	67-66-3	0.37	24	0.37	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Chloromethane	74-87-3	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
cis-1,2-Dichloroethylene	156-59-2	0.19	41	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Cyclohexane	110-82-7	~	~	~	0.0024	U	0.0032	U	0.0031	U	**0.003**	UJ	0.0026	U	0.0026	U	0.0032	U
Dibromochloromethane	124-48-1	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Dibromomethane	74-95-3	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Ethyl Benzene	100-41-4	1	76	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	**0.0026**	UJ	0.0026	U	0.0032	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
Isopropylbenzene	98-82-8	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
Methyl acetate	79-20-9	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	100	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Methylcyclohexane	108-87-2	~	~	~	0.0024	U	0.0032	U	0.0031	U	**0.003**	UJ	0.0026	U	0.0026	U	0.0032	U
Methylene chloride	75-09-2	0.05	81	N/A	0.0049	U	0.0064	U	0.01	U	0.006	U	0.0053	U	0.0052	U	0.0065	U
n-Butylbenzene	104-51-8	18	100	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
n-Propylbenzene	103-65-1	5	100	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
o-Xylene	95-47-6	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
p- & m- Xylenes	179601-23-1	~	~	~	0.0049	U	0.0064	U	0.0062	U	0.006	U	0.0053	U	0.0052	U	0.0065	U
p-Isopropyltoluene	99-87-6	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	**0.0026**	UJ	**0.0026**	UJ	**0.0032**	UJ
sec-Butylbenzene	135-98-8	25	100	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
Styrene	100-42-5	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	**0.0026**	UJ	**0.0026**	UJ	**0.0032**	UJ
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
tert-Butylbenzene	98-06-6	11	100	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
Tetrachloroethylene	127-18-4	1.3	18	1.3	**0.0024**	UJ	**0.0032**	UJ	**0.0031**	UJ	**0.003**	UJ	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
Toluene	108-88-3	0.7	100	0.7	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Trichloroethylene	79-01-6	0.47	6.4	0.47	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	**0.0026**	UJ	**0.0032**	UJ
Trichlorofluoromethane	75-69-4	~	~	~	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Vinyl Chloride	75-01-4	0.03	0.48	N/A	0.0024	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0026	U	0.0032	U
Xylenes, Total	1330-20-7	0.26	100	N/A	0.0073	U	0.0095	U	0.0093	U	0.0089	U	0.0079	U	0.0077	U	0.0097	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	25SB-9 (0-2)		25SB-9 (2-4)		25SB-9 (12-14)		25SB-10 (0-2)		25SB-10 (2-4)		25SB-10 (11-13)	
Laboratory ID					25E0212-07		25E0212-08		25E0212-09		25E0127-08		25E0127-09		25E0127-10	
Sampling Date					5/5/2025		5/5/2025		5/5/2025		5/2/2025		5/2/2025		5/2/2025	
Sample Matrix					Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,1-Dichloroethane	75-34-3	0.27	47	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,1-Dichloroethylene	75-35-4	0.24	0.98	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	N/A	0.0025	U	0.0029	U	0.0032	U	**0.0028**	UJ	0.0025	U	0.0029	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,2-Dibromoethane	106-93-4	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,2-Dichloroethane	107-06-2	0.02	5.8	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,2-Dichloropropane	78-87-5	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.0025	U	0.0029	U	0.0032	U	**0.0028**	UJ	0.0025	U	0.0029	U
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
1,4-Dioxane	123-91-1	0.1	5.7	N/A	0.05	U	0.059	U	0.063	U	0.056	U	0.05	U	0.058	U
2-Butanone	78-93-3	0.10	100	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
2-Hexanone	591-78-6	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Acetone	67-64-1	0.03	100	N/A	0.0050	U	0.0059	U	0.0063	U	0.0056	U	0.005	U	0.0058	U
Acrolein	107-02-8	~	~	~	0.0050	U	0.0059	U	0.0063	U	0.0056	U	0.005	U	0.0058	U
Acrylonitrile	107-13-1	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Benzene	71-43-2	0.06	3.7	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Bromochloromethane	74-97-5	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Bromodichloromethane	75-27-4	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Bromoform	75-25-2	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Bromomethane	74-83-9	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Carbon disulfide	75-15-0	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Carbon tetrachloride	56-23-5	0.76	7.1	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Chlorobenzene	108-90-7	4.5	100	N/A	0.0025	U	0.0029	U	0.0032	U	**0.0028**	UJ	0.0025	U	0.0029	U
Chloroethane	75-00-3	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Chloroform	67-66-3	0.37	24	0.37	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Chloromethane	74-87-3	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
cis-1,2-Dichloroethylene	156-59-2	0.19	41	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Cyclohexane	110-82-7	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Dibromochloromethane	124-48-1	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Dibromomethane	74-95-3	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Ethyl Benzene	100-41-4	1	76	N/A	0.0025	U	0.0029	U	0.0032	U	**0.0028**	UJ	0.0025	U	0.0029	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Isopropylbenzene	98-82-8	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Methyl acetate	79-20-9	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	100	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Methylcyclohexane	108-87-2	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Methylene chloride	75-09-2	0.05	81	N/A	0.005	U	0.0059	U	0.0063	U	0.0056	U	0.0050	U	0.0058	U
n-Butylbenzene	104-51-8	18	100	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
n-Propylbenzene	103-65-1	5	100	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
o-Xylene	95-47-6	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.0059	U	0.0063	U	0.0056	U	0.0050	U	0.0058	U
p-Isopropyltoluene	99-87-6	~	~	~	0.0025	U	0.0029	U	0.0032	U	**0.0028**	UJ	0.0025	U	0.0029	U
sec-Butylbenzene	135-98-8	25	100	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Styrene	100-42-5	~	~	~	**0.0025**	UJ	**0.0029**	UJ	**0.0032**	UJ	**0.0028**	UJ	0.0025	U	0.0029	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
tert-Butylbenzene	98-06-6	11	100	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Tetrachloroethylene	127-18-4	1.3	18	1.3	0.0025	U	0.0029	U	**0.004**	J	**0.012**	J-	**0.0047**	J-	**0.0076**	J-
Toluene	108-88-3	0.7	100	0.7	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Trichloroethylene	79-01-6	0.47	6.4	0.47	0.0025	U	0.0029	U	**0.011**		**0.073**		**0.032**		**0.046**	
Trichlorofluoromethane	75-69-4	~	~	~	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Vinyl Chloride	75-01-4	0.03	0.48	N/A	0.0025	U	0.0029	U	0.0032	U	0.0028	U	0.0025	U	0.0029	U
Xylenes, Total	1330-20-7	0.26	100	N/A	0.0076	U	0.0088	U	0.0095	U	0.0085	U	0.0075	U	0.0087	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	25SB-11 (0-1.5)		25SB-12 (0-2)		25SB-12 (3-5)		25SB-12 (11-13)		25SB-13 (0-2)		25SB-13 (3-5)		25SB-13 (13-15)	
Laboratory ID					25E0288-10		25E0212-01		25E0212-02		25E0212-03		25E0212-04		25E0212-05		25E0212-06	
Sampling Date					5/6/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025	
Sample Matrix					Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,1-Dichloroethane	75-34-3	0.27	47	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,1-Dichloroethylene	75-35-4	0.24	0.98	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	N/A	0.0024	R	**0.0028**	UJ	**0.0024**	UJ	0.0032	U	**0.003**	UJ	**0.0031**	UJ	**0.0019**	UJ
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,2-Dibromoethane	106-93-4	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,2-Dichloroethane	107-06-2	0.02	5.8	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,2-Dichloropropane	78-87-5	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.0024	R	**0.0028**	UJ	**0.0024**	UJ	**0.0032**	UJ	**0.003**	UJ	**0.0031**	UJ	**0.0019**	UJ
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
1,4-Dioxane	123-91-1	0.1	5.7	N/A	0.048	R	0.056	U	0.049	U	0.064	U	0.059	U	0.063	U	0.038	U
2-Butanone	78-93-3	0.10	100	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
2-Hexanone	591-78-6	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Acetone	67-64-1	0.03	100	N/A	**0.037**	J+	0.0056	U	0.0049	U	0.0064	U	0.006	U	0.0063	U	0.0038	U
Acrolein	107-02-8	~	~	~	0.0048	R	0.0056	U	0.0049	U	0.0064	U	0.006	U	0.0063	U	0.0038	U
Acrylonitrile	107-13-1	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Benzene	71-43-2	0.06	3.7	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Bromochloromethane	74-97-5	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Bromodichloromethane	75-27-4	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Bromoform	75-25-2	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Bromomethane	74-83-9	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Carbon disulfide	75-15-0	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Carbon tetrachloride	56-23-5	0.76	7.1	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Chlorobenzene	108-90-7	4.5	100	N/A	0.0024	R	**0.0028**	UJ	**0.0024**	UJ	**0.0032**	UJ	**0.003**	UJ	**0.0031**	UJ	**0.0019**	UJ
Chloroethane	75-00-3	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Chloroform	67-66-3	0.37	24	0.37	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Chloromethane	74-87-3	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
cis-1,2-Dichloroethylene	156-59-2	0.19	41	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Cyclohexane	110-82-7	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Dibromochloromethane	124-48-1	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Dibromomethane	74-95-3	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Ethyl Benzene	100-41-4	1	76	N/A	0.0024	R	**0.0028**	UJ	**0.0024**	UJ	**0.0032**	UJ	**0.003**	UJ	**0.0031**	UJ	**0.0019**	UJ
Hexachlorobutadiene	87-68-3	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Isopropylbenzene	98-82-8	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Methyl acetate	79-20-9	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	100	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Methylcyclohexane	108-87-2	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Methylene chloride	75-09-2	0.05	81	N/A	0.019	UR	0.0056	U	0.0061	U	0.0064	U	0.006	U	0.0063	U	0.0038	U
n-Butylbenzene	104-51-8	18	100	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
n-Propylbenzene	103-65-1	5	100	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
o-Xylene	95-47-6	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
p- & m- Xylenes	179601-23-1	~	~	~	0.0048	R	0.0056	U	0.0049	U	0.0064	U	0.006	U	0.0063	U	0.0038	U
p-Isopropyltoluene	99-87-6	~	~	~	0.0024	R	**0.0028**	UJ	**0.0024**	UJ	**0.0032**	UJ	**0.003**	UJ	**0.0031**	UJ	**0.0019**	UJ
sec-Butylbenzene	135-98-8	25	100	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Styrene	100-42-5	~	~	~	0.0024	R	0.0028	UJ	0.0024	U	**0.0032**	UJ	**0.003**	UJ	**0.0031**	UJ	**0.0019**	UJ
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.0024	R	0.0028	U	**0.0024**	UJ	0.0032	U	0.003	U	0.0031	U	0.0019	U
tert-Butylbenzene	98-06-6	11	100	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Tetrachloroethylene	127-18-4	1.3	18	1.3	0.0024	R	**0.021**	J-	**0.0024**	UJ	**0.0032**	UJ	**0.003**	UJ	**0.0031**	UJ	**0.0031**	J-
Toluene	108-88-3	0.7	100	0.7	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Trichloroethylene	79-01-6	0.47	6.4	0.47	0.0024	R	**0.073**		**0.0081**		0.0032	U	0.003	U	0.0031	U	**0.0034**	J
Trichlorofluoromethane	75-69-4	~	~	~	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Vinyl Chloride	75-01-4	0.03	0.48	N/A	0.0024	R	0.0028	U	0.0024	U	0.0032	U	0.003	U	0.0031	U	0.0019	U
Xylenes, Total	1330-20-7	0.26	100	N/A	0.0072	R	0.0083	U	0.0073	U	0.0096	U	0.0089	U	0.0094	U	0.0058	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	25SB-14 (0-2) 25E0288-07 5/6/2025 Soil		25SB-14 (4-6) 25E0288-08 5/6/2025 Soil		25SB-14 (10-12) 25E0288-09 5/6/2025 Soil		25SB-15 (0-2) 25E0288-01 5/6/2025 Soil		25SB-15 (4-6) 25E0288-02 5/6/2025 Soil		25SB-15 (10-12) 25E0288-03 5/6/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,1-Dichloroethane	75-34-3	0.27	47	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,1-Dichloroethylene	75-35-4	0.24	0.98	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,2-Dibromoethane	106-93-4	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,2-Dichloroethane	107-06-2	0.02	5.8	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,2-Dichloropropane	78-87-5	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
1,4-Dioxane	123-91-1	0.1	5.7	N/A	0.066	U	0.061	U	0.061	U	0.051	U	0.059	U	0.053	U
2-Butanone	78-93-3	0.10	100	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
2-Hexanone	591-78-6	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Acetone	67-64-1	0.03	100	N/A	0.0066	U	0.0061	U	0.0061	U	0.0051	U	0.0059	U	0.0053	U
Acrolein	107-02-8	~	~	~	0.0066	U	0.0061	U	0.0061	U	0.0051	U	0.0059	U	0.0053	U
Acrylonitrile	107-13-1	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Benzene	71-43-2	0.06	3.7	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Bromochloromethane	74-97-5	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Bromodichloromethane	75-27-4	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Bromoform	75-25-2	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Bromomethane	74-83-9	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Carbon disulfide	75-15-0	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Carbon tetrachloride	56-23-5	0.76	7.1	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Chlorobenzene	108-90-7	4.5	100	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Chloroethane	75-00-3	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Chloroform	67-66-3	0.37	24	0.37	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Chloromethane	74-87-3	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
cis-1,2-Dichloroethylene	156-59-2	0.19	41	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Cyclohexane	110-82-7	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Dibromochloromethane	124-48-1	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Dibromomethane	74-95-3	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Ethyl Benzene	100-41-4	1	76	N/A	0.0033	U	0.003	U	0.0031	U	**0.0026**	UJ	**0.0029**	UJ	0.0027	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Isopropylbenzene	98-82-8	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Methyl acetate	79-20-9	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	100	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Methylcyclohexane	108-87-2	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Methylene chloride	75-09-2	0.05	81	N/A	0.0066	U	0.0061	U	0.0061	U	0.0051	U	0.0059	U	0.0053	U
n-Butylbenzene	104-51-8	18	100	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
n-Propylbenzene	103-65-1	5	100	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
o-Xylene	95-47-6	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
p- & m- Xylenes	179601-23-1	~	~	~	0.0066	U	0.0061	U	0.0061	U	0.0051	U	0.0059	U	0.0053	U
p-Isopropyltoluene	99-87-6	~	~	~	0.0033	U	0.003	U	0.0031	U	**0.0026**	UJ	**0.0029**	UJ	0.0027	U
sec-Butylbenzene	135-98-8	25	100	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Styrene	100-42-5	~	~	~	0.0033	U	0.003	U	0.0031	U	**0.0026**	UJ	**0.0029**	UJ	0.0027	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
tert-Butylbenzene	98-06-6	11	100	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Tetrachloroethylene	127-18-4	1.3	18	1.3	**0.034**	J-	**0.003**	UJ	**0.0039**	J-	0.0026	U	0.0029	U	**0.0027**	UJ
Toluene	108-88-3	0.7	100	0.7	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Trichloroethylene	79-01-6	0.47	6.4	0.47	**0.014**		0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Trichlorofluoromethane	75-69-4	~	~	~	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Vinyl Chloride	75-01-4	0.03	0.48	N/A	0.0033	U	0.003	U	0.0031	U	0.0026	U	0.0029	U	0.0027	U
Xylenes, Total	1330-20-7	0.26	100	N/A	0.0099	U	0.0091	U	0.0092	U	0.0077	U	0.0088	U	0.008	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	25SB-16(0-2)		25SB-16(2-4)		25SB-16(11-13)		25SB-17(0-2)		25SB-17(2-4)		25SB-17(12-14)		DUP-4(0-2)	
Laboratory ID					25E1667-01		25E1667-02		25E1667-03		25E1667-04		25E1667-05		25E1667-06		25E1667-07	
Sampling Date					5/27/2025		5/27/2025		5/27/2025		5/27/2025		5/27/2025		5/27/2025		5/27/2025	
Sample Matrix					Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,1-Dichloroethane	75-34-3	0.27	47	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,1-Dichloroethylene	75-35-4	0.24	0.98	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	**0.0028**	UJ	0.0028	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	N/A	0.0027	U	**0.0025**	UJ	0.0026	U	**0.0025**	UJ	**0.0027**	UJ	**0.0028**	UJ	**0.0028**	UJ
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,2-Dibromoethane	106-93-4	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,2-Dichloroethane	107-06-2	0.02	5.8	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,2-Dichloropropane	78-87-5	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.0027	U	**0.0025**	UJ	0.0026	U	**0.0025**	UJ	**0.0027**	UJ	**0.0028**	UJ	**0.0028**	UJ
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
1,4-Dioxane	123-91-1	0.1	5.7	N/A	0.054	U	0.051	U	0.053	U	0.05	U	0.054	U	0.057	U	0.056	U
2-Butanone	78-93-3	0.10	100	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
2-Hexanone	591-78-6	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Acetone	67-64-1	0.03	100	N/A	0.0054	U	0.0051	U	0.0053	U	0.0050	U	0.0054	U	0.0057	U	0.0056	U
Acrolein	107-02-8	~	~	~	0.0054	U	0.0051	U	0.0053	U	0.0050	U	0.0054	U	0.0057	U	0.0056	U
Acrylonitrile	107-13-1	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Benzene	71-43-2	0.06	3.7	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Bromochloromethane	74-97-5	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Bromodichloromethane	75-27-4	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Bromoform	75-25-2	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Bromomethane	74-83-9	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Carbon disulfide	75-15-0	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Carbon tetrachloride	56-23-5	0.76	7.1	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Chlorobenzene	108-90-7	4.5	100	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Chloroethane	75-00-3	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Chloroform	67-66-3	0.37	24	0.37	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Chloromethane	74-87-3	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
cis-1,2-Dichloroethylene	156-59-2	0.19	41	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Cyclohexane	110-82-7	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Dibromochloromethane	124-48-1	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Dibromomethane	74-95-3	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Ethyl Benzene	100-41-4	1	76	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Isopropylbenzene	98-82-8	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	**0.0028**	UJ	0.0028	U
Methyl acetate	79-20-9	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	100	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Methylcyclohexane	108-87-2	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	**0.0028**	UJ	0.0028	U
Methylene chloride	75-09-2	0.05	81	N/A	0.0054	U	0.0051	U	0.0053	U	0.0050	U	0.0054	U	0.0057	U	0.0056	U
n-Butylbenzene	104-51-8	18	100	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
n-Propylbenzene	103-65-1	5	100	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
o-Xylene	95-47-6	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
p- & m- Xylenes	179601-23-1	~	~	~	0.0054	U	0.0051	U	0.0053	U	0.0050	U	0.0054	U	0.0057	U	0.0056	U
p-Isopropyltoluene	99-87-6	~	~	~	0.0027	U	**0.0025**	UJ	0.0026	U	**0.0025**	UJ	**0.0027**	UJ	**0.0028**	UJ	**0.0028**	UJ
sec-Butylbenzene	135-98-8	25	100	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	UJ	0.0028	U
Styrene	100-42-5	~	~	~	0.0027	U	**0.0025**	UJ	0.0026	U	**0.0025**	UJ	**0.0027**	UJ	**0.0028**	UJ	**0.0028**	UJ
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
tert-Butylbenzene	98-06-6	11	100	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	**0.0028**	UJ	0.0028	U
Tetrachloroethylene	127-18-4	1.3	18	1.3	0.0027	U	0.0025	U	**0.0096**		0.0025	U	0.0027	U	0.0028	U	0.0028	U
Toluene	108-88-3	0.7	100	0.7	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Trichloroethylene	79-01-6	0.47	6.4	0.47	0.0027	U	0.0025	U	**0.0066**		0.0025	U	0.0027	U	0.0028	U	0.0028	U
Trichlorofluoromethane	75-69-4	~	~	~	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Vinyl Chloride	75-01-4	0.03	0.48	N/A	0.0027	U	0.0025	U	0.0026	U	0.0025	U	0.0027	U	0.0028	U	0.0028	U
Xylenes, Total	1330-20-7	0.26	100	N/A	0.0081	U	0.0076	U	0.0079	U	0.0074	U	0.0080	U	0.0085	U	0.0084	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	25 SV-2-N (10-12)		25 SV-2-N (12-14)		25 SV-2-N (14-15)		25 SV-2-S (0-2)		25 SV-2-S (2-4)		25 SV-2-S (10-12)		25 SV-2-S (12-14)		25 SV-2-S (14-15)	
Laboratory ID					25E1670-01		25E1670-02		25E1670-03		25E1670-04		25E1670-05		25E1670-06		25E1670-07		25E1670-08	
Sampling Date					5/27/2025		5/27/2025		5/27/2025		5/27/2025		5/27/2025		5/27/2025		5/27/2025		5/27/2025	
Sample Matrix					Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,1-Dichloroethane	75-34-3	0.27	47	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,1-Dichloroethylene	75-35-4	0.24	0.98	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	N/A	0.0027	R	**0.0027**	UJ	**0.0027**	UJ	**0.0033**	UJ	**0.0035**	UJ	**0.003**	UJ	0.0034	R	**0.0025**	UJ
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,2-Dibromoethane	106-93-4	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,2-Dichloroethane	107-06-2	0.02	5.8	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,2-Dichloropropane	78-87-5	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.0027	R	**0.0027**	UJ	**0.0027**	UJ	**0.0033**	UJ	**0.0035**	UJ	**0.003**	UJ	0.0034	R	**0.0025**	UJ
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
1,4-Dioxane	123-91-1	0.1	5.7	N/A	0.055	R	0.055	U	0.054	U	0.066	U	0.071	U	0.059	U	0.068	R	0.049	U
2-Butanone	78-93-3	0.10	100	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
2-Hexanone	591-78-6	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Acetone	67-64-1	0.03	100	N/A	**0.032**	J+	0.0055	U	0.0054	U	0.0066	U	0.0071	U	0.0059	U	**0.016**	J+	0.0049	U
Acrolein	107-02-8	~	~	~	0.0055	R	0.0055	U	0.0054	U	0.0066	U	0.0071	U	0.0059	U	0.0068	R	0.0049	U
Acrylonitrile	107-13-1	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Benzene	71-43-2	0.06	3.7	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Bromochloromethane	74-97-5	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Bromodichloromethane	75-27-4	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Bromoform	75-25-2	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Bromomethane	74-83-9	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Carbon disulfide	75-15-0	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Carbon tetrachloride	56-23-5	0.76	7.1	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Chlorobenzene	108-90-7	4.5	100	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Chloroethane	75-00-3	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Chloroform	67-66-3	0.37	24	0.37	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Chloromethane	74-87-3	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
cis-1,2-Dichloroethylene	156-59-2	0.19	41	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Cyclohexane	110-82-7	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Dibromochloromethane	124-48-1	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Dibromomethane	74-95-3	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Ethyl Benzene	100-41-4	1	76	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Isopropylbenzene	98-82-8	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Methyl acetate	79-20-9	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	100	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Methylcyclohexane	108-87-2	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Methylene chloride	75-09-2	0.05	81	N/A	0.0055	R	0.0055	U	0.0068	U	0.0066	U	0.0071	U	0.006	U	0.0068	R	0.0049	U
n-Butylbenzene	104-51-8	18	100	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
n-Propylbenzene	103-65-1	5	100	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
o-Xylene	95-47-6	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
p- & m- Xylenes	179601-23-1	~	~	~	0.0055	R	0.0055	U	0.0054	U	0.0066	U	0.0071	U	0.006	U	0.0068	R	0.0049	U
p-Isopropyltoluene	99-87-6	~	~	~	0.0027	R	**0.0027**	UJ	**0.0027**	UJ	**0.0033**	UJ	**0.0035**	UJ	**0.003**	UJ	0.0034	R	**0.0025**	UJ
sec-Butylbenzene	135-98-8	25	100	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Styrene	100-42-5	~	~	~	0.0027	R	**0.0027**	UJ	**0.0027**	UJ	**0.0033**	UJ	**0.0035**	UJ	**0.003**	UJ	0.0034	R	**0.0025**	UJ
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
tert-Butylbenzene	98-06-6	11	100	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Tetrachloroethylene	127-18-4	1.3	18	1.3	0.0027	R	**0.0028**	J	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Toluene	108-88-3	0.7	100	0.7	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Trichloroethylene	79-01-6	0.47	6.4	0.47	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Trichlorofluoromethane	75-69-4	~	~	~	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Vinyl Chloride	75-01-4	0.03	0.48	N/A	0.0027	R	0.0027	U	0.0027	U	0.0033	U	0.0035	U	0.003	U	0.0034	R	0.0025	U
Xylenes, Total	1330-20-7	0.26	100	N/A	0.0082	R	0.0082	U	0.0080	U	0.0099	U	0.011	U	0.0089	U	0.01	R	0.0074	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	26SB-1 (0-2) 26B0173-01 2/4/2026 Soil		26SB-1 (6-8) 26B0173-02 2/4/2026 Soil		26SB-1 (15-17) 26B0173-03 2/4/2026 Soil		26SB-2 (0-2) 26B0173-04 2/4/2026 Soil		26SB-2 (7-9) 26B0173-05 2/4/2026 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor				1		1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,1,1-Trichloroethane	0.68	100	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,1,2,2-Tetrachloroethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,1,2-Trichloroethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,1-Dichloroethane	0.27	47	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,1-Dichloroethylene	0.24	0.98	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,2,3-Trichlorobenzene	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,2,3-Trichloropropane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,2,4-Trichlorobenzene	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,2,4-Trimethylbenzene	5.9	100	N/A	0.0033	U	0.0028	U	**0.0049**		0.0026	U	0.0031	U
1,2-Dibromo-3-chloropropane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,2-Dibromoethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,2-Dichlorobenzene	1.1	100	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,2-Dichloroethane	0.02	5.8	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,2-Dichloropropane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,3,5-Trimethylbenzene	3.1	100	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,3-Dichlorobenzene	2.6	38	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,3-Dichloropropane	~	~	~	NT		NT		NT		NT		NT	
1,4-Dichlorobenzene	1.8	24	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
1,4-Dioxane	0.1	13	N/A	NT		NT		NT		NT		NT	
2-Butanone	0.10	100	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
2-Hexanone	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
4-Methyl-2-pentanone	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Acetone	0.03	100	N/A	0.0067	U	0.0056	U	0.0045	U	0.0057	U	0.0072	U
Acrolein	~	~	~	0.0067	U	0.0056	U	0.0045	U	0.0051	U	0.0062	U
Acrylonitrile	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Benzene	0.06	3.7	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Bromochloromethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Bromodichloromethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Bromoform	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Bromomethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Carbon disulfide	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Carbon tetrachloride	0.76	7.1	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Chlorobenzene	4.5	100	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Chloroethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Chloroform	0.37	24	0.37	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Chloromethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
cis-1,2-Dichloroethylene	0.19	41	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
cis-1,3-Dichloropropylene	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Cyclohexane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Dibromochloromethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Dibromomethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Dichlorodifluoromethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Ethyl Benzene	1	76	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Hexachlorobutadiene	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Isopropylbenzene	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Methyl ethyl ketone	0.12	100		NT		NT		NT		NT		NT	
Methyl acetate	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Methyl tert-butyl ether (MTBE)	0.10	100	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Methylcyclohexane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Methylene chloride	0.05	81	N/A	0.0067	U	0.0056	U	0.0045	U	0.0051	U	0.0062	U
n-Butylbenzene	18	100	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
n-Propylbenzene	5	100	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
o-Xylene	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
p- & m- Xylenes	~	~	~	0.0067	U	0.0056	U	0.0045	U	0.0051	U	0.0062	U
p-Isopropyltoluene	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
sec-Butylbenzene	25	100	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Styrene	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
tert-Butyl alcohol (TBA)	~	~	~	0.017	U	0.014	U	0.011	U	0.013	U	0.015	U
tert-Butylbenzene	11	100	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Tetrachloroethylene	1.3	18	1.3	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Toluene	0.7	100	0.7	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
trans-1,2-Dichloroethylene	0.19	100	0.19	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
trans-1,3-Dichloropropylene	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
trans-1,4-dichloro-2-butene	~	~	~	NT		NT		NT		NT		NT	
Trichloroethylene	0.47	6.4	0.47	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Trichlorofluoromethane	~	~	~	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Trichlorotrifluoroethane	~	~	~	NT		NT		NT		NT		NT	
Vinyl Chloride	0.03	0.48	N/A	0.0033	U	0.0028	U	0.0023	U	0.0026	U	0.0031	U
Xylenes, Total	0.26	100	N/A	0.01	U	0.0084	U	0.0068	U	0.0077	U	0.0092	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 3
VOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	26SB-2 (17-19) 26B0173-06 2/4/2026 Soil		26SB-4 (0-2) 26B0173-07 2/4/2026 Soil		26SB-4 (5-7) 26B0173-08 2/4/2026 Soil		26SB-4 (17-19) 26B0173-09 2/4/2026 Soil		Field Dup-020426 26B0173-11 2/4/2026 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor				1		1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,1,1-Trichloroethane	0.68	100	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,1,2,2-Tetrachloroethane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,1,2-Trichloroethane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,1-Dichloroethane	0.27	47	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,1-Dichloroethylene	0.24	0.98	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,2,3-Trichlorobenzene	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,2,3-Trichloropropane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,2,4-Trichlorobenzene	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,2,4-Trimethylbenzene	5.9	100	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,2-Dibromo-3-chloropropane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,2-Dibromoethane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,2-Dichlorobenzene	1.1	100	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,2-Dichloroethane	0.02	5.8	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,2-Dichloropropane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,3,5-Trimethylbenzene	3.1	100	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,3-Dichlorobenzene	2.6	38	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,3-Dichloropropane	~	~	~	NT		NT		NT		NT		NT	
1,4-Dichlorobenzene	1.8	24	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
1,4-Dioxane	0.1	13	N/A	NT		NT		NT		NT		NT	
2-Butanone	0.10	100	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
2-Hexanone	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
4-Methyl-2-pentanone	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Acetone	0.03	100	N/A	0.0061	U	0.0048	U	0.0057	U	0.0052	U	0.0071	U
Acrolein	~	~	~	0.0061	U	0.0048	U	0.0057	U	0.0052	U	0.0055	U
Acrylonitrile	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Benzene	0.06	3.7	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Bromochloromethane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Bromodichloromethane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Bromoform	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Bromomethane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Carbon disulfide	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Carbon tetrachloride	0.76	7.1	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Chlorobenzene	4.5	100	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Chloroethane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Chloroform	0.37	24	0.37	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Chloromethane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
cis-1,2-Dichloroethylene	0.19	41	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
cis-1,3-Dichloropropylene	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Cyclohexane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Dibromochloromethane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Dibromomethane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Dichlorodifluoromethane	~	~	~	0.003	U	**0.0024**	UJ	**0.0028**	UJ	0.0026	U	0.0028	U
Ethyl Benzene	1	76	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Hexachlorobutadiene	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Isopropylbenzene	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Methyl ethyl ketone	0.12	100		NT		NT		NT		NT		NT	
Methyl acetate	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Methyl tert-butyl ether (MTBE)	0.10	100	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Methylcyclohexane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Methylene chloride	0.05	81	N/A	0.006	U	0.0048	U	0.0057	U	0.0052	U	0.0055	U
n-Butylbenzene	18	100	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
n-Propylbenzene	5	100	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
o-Xylene	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
p- & m- Xylenes	~	~	~	0.006	U	0.0048	U	0.0057	U	0.0052	U	0.0055	U
p-Isopropyltoluene	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
sec-Butylbenzene	25	100	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Styrene	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
tert-Butyl alcohol (TBA)	~	~	~	0.015	U	0.012	U	0.014	U	0.013	U	0.014	U
tert-Butylbenzene	11	100	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Tetrachloroethylene	1.3	18	1.3	0.003	U	**0.0024**	UJ	**0.0028**	UJ	0.0026	U	0.0028	U
Toluene	0.7	100	0.7	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
trans-1,2-Dichloroethylene	0.19	100	0.19	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
trans-1,3-Dichloropropylene	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
trans-1,4-dichloro-2-butene	~	~	~	NT		NT		NT		NT		NT	
Trichloroethylene	0.47	6.4	0.47	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Trichlorofluoromethane	~	~	~	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Trichlorotrifluoroethane	~	~	~	NT		NT		NT		NT		NT	
Vinyl Chloride	0.03	0.48	N/A	0.003	U	0.0024	U	0.0028	U	0.0026	U	0.0028	U
Xylenes, Total	0.26	100	N/A	0.0091	U	0.0072	U	0.0085	U	0.0078	U	0.0083	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 4
SVOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	SB-1 (12'-14')		SB-2 (2'-4')		SB-2 (16'-18')		SB-3 (16'-18')		SB-4 (10'-12')	
Laboratory ID					24G1298-06		24G1298-07		24G1298-05		24G1298-08		24G1298-04	
Sampling Date					7/18/2024		7/18/2024		7/18/2024		7/18/2024		7/18/2024	
Sample Matrix					Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
1,3-Dichlorobenzene	541-73-1	2.4	49	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
1,4-Dichlorobenzene	106-46-7	1.8	13	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.0904	U	0.0893	U	0.0812	R	0.0947	U	0.0892	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.0453	U	0.0447	U	0.0407	R	0.0475	U	0.0447	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.0453	U	0.0447	U	0.0407	R	0.0475	U	0.0447	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.0453	U	0.0447	U	0.0407	R	0.0475	U	0.0447	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.0453	U	0.0447	U	0.0407	R	0.0475	U	0.0447	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.0904	U	0.0893	U	0.0812	R	0.0947	U	0.0892	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
2-Chloronaphthalene	91-58-7	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
2-Chlorophenol	95-57-8	~	~	~	0.0453	U	0.0447	U	0.0407	R	0.0475	U	0.0447	U
2-Methylnaphthalene	91-57-6	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
2-Methylphenol	95-48-7	0.33	100	N/A	0.0453	U	0.0447	U	0.0407	R	0.0475	U	0.0447	U
2-Nitroaniline	88-74-4	~	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U
2-Nitrophenol	88-75-5	~	~	~	0.0453	U	0.0447	U	0.0407	R	0.0475	U	0.0447	U
3- & 4-Methylphenols	65794-96-9	0.33	100	N/A	0.0453	U	0.0447	U	0.0407	R	0.0475	U	0.0447	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
3-Nitroaniline	99-09-2	~	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.0904	U	0.0893	U	0.0812	R	0.0947	U	0.0892	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.0453	U	0.0447	U	0.0407	R	0.0475	U	0.0447	U
4-Chloroaniline	106-47-8	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
4-Nitroaniline	100-01-6	~	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U
4-Nitrophenol	100-02-7	~	~	~	0.0904	U	0.0893	U	0.0812	R	0.0947	U	0.0892	U
Acenaphthene	83-32-9	20	100	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Acenaphthylene	208-96-8	100	100	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Acetophenone	98-86-2	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Aniline	62-53-3	~	~	N/A	0.181	U	0.179	U	0.163	U	0.190	U	0.179	U
Anthracene	120-12-7	100	100	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Atrazine	1912-24-9	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Benzaldehyde	100-52-7	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Benzidine	92-87-5	~	~	~	0.181	U	0.179	U	0.163	U	0.190	U	0.179	U
Benzo(a)anthracene	56-55-3	1	1	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Benzo(a)pyrene	50-32-8	1	1	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Benzo(b)fluoranthene	205-99-2	1	1	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Benzo(g,h,i)perylene	191-24-2	100	100	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Benzoic acid	65-85-0	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Benzyl alcohol	100-51-6	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Caprolactam	105-60-2	~	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U
Carbazole	86-74-8	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Chrysene	218-01-9	1	3.9	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Dibenzofuran	132-64-9	7	59	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Diethyl phthalate	84-66-2	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Dimethyl phthalate	131-11-3	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Diphenylamine	122-39-4	~	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U
Fluoranthene	206-44-0	100	100	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Fluorene	86-73-7	30	100	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Hexachlorobenzene	118-74-1	0.33	1.2	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Hexachloroethane	67-72-1	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Isophorone	78-59-1	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Naphthalene	91-20-3	12	100	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Nitrobenzene	98-95-3	~	~	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Pentachlorophenol	87-86-5	0.8	6.7	N/A	0.0453	U	0.0447	U	0.0407	R	0.0475	U	0.0447	U
Phenanthrene	85-01-8	100	100	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U
Phenol	108-95-2	0.33	100	N/A	0.0453	U	0.0447	U	0.0407	R	0.0475	U	0.0447	U
Pyrene	129-00-0	100	100	N/A	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 4
SVOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	SB-5 (10'-12')		SB-6 (8'-10')		SB-7 (2'-4)		SB-8 (10'-12')	
Laboratory ID					24G1298-02		24G1298-01		24G1298-09		24G1298-03	
Sampling Date					7/18/2024		7/18/2024		7/18/2024		7/18/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.0952	U	0.0879	U	0.0892	U	0.0904	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
1,3-Dichlorobenzene	541-73-1	2.4	49	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
1,4-Dichlorobenzene	106-46-7	1.8	13	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.0952	U	0.0879	U	0.0892	U	0.0904	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.0952	U	0.0879	U	0.0892	U	0.0904	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
2-Chloronaphthalene	91-58-7	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
2-Chlorophenol	95-57-8	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
2-Methylnaphthalene	91-57-6	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
2-Methylphenol	95-48-7	0.33	100	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
2-Nitroaniline	88-74-4	~	~	~	0.0952	U	0.0879	U	0.0892	U	0.0904	U
2-Nitrophenol	88-75-5	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
3- & 4-Methylphenols	65794-96-9	0.33	100	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
3-Nitroaniline	99-09-2	~	~	~	0.0952	U	0.0879	U	0.0892	U	0.0904	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.0952	U	0.0879	U	0.0892	U	0.0904	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
4-Chloroaniline	106-47-8	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
4-Nitroaniline	100-01-6	~	~	~	0.0952	U	0.0879	U	0.0892	U	0.0904	U
4-Nitrophenol	100-02-7	~	~	~	0.0952	U	0.0879	U	0.0892	U	0.0904	U
Acenaphthene	83-32-9	20	100	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
Acenaphthylene	208-96-8	100	100	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
Acetophenone	98-86-2	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Aniline	62-53-3	~	~	N/A	0.191	U	0.176	U	0.179	U	0.181	U
Anthracene	120-12-7	100	100	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
Atrazine	1912-24-9	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Benzaldehyde	100-52-7	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Benzidine	92-87-5	~	~	~	0.191	U	0.176	U	0.179	U	0.181	U
Benzo(a)anthracene	56-55-3	1	1	N/A	0.0477	U	0.044	U	**0.143**	D	0.0453	U
Benzo(a)pyrene	50-32-8	1	1	N/A	0.0477	U	0.044	U	**0.155**	D	0.0453	U
Benzo(b)fluoranthene	205-99-2	1	1	N/A	0.0477	U	0.044	U	**0.121**	D	0.0453	U
Benzo(g,h,i)perylene	191-24-2	100	100	N/A	0.0477	U	0.044	U	**0.0955**	D	0.0453	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	N/A	0.0477	U	0.044	U	**0.128**	D	0.0453	U
Benzoic acid	65-85-0	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Benzyl alcohol	100-51-6	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Caprolactam	105-60-2	~	~	~	0.0952	U	0.0879	U	0.0892	U	0.0904	U
Carbazole	86-74-8	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Chrysene	218-01-9	1	3.9	N/A	0.0477	U	0.044	U	**0.145**	D	0.0453	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
Dibenzofuran	132-64-9	7	59	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
Diethyl phthalate	84-66-2	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Dimethyl phthalate	131-11-3	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Diphenylamine	122-39-4	~	~	~	0.0952	U	0.0879	U	0.0892	U	0.0904	U
Fluoranthene	206-44-0	100	100	N/A	0.0477	U	0.044	U	**0.269**	D	0.0453	U
Fluorene	86-73-7	30	100	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
Hexachlorobenzene	118-74-1	0.33	1.2	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Hexachloroethane	67-72-1	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	N/A	0.0477	U	0.044	U	**0.0984**	D	0.0453	U
Isophorone	78-59-1	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Naphthalene	91-20-3	12	100	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
Nitrobenzene	98-95-3	~	~	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.0477	U	0.044	U	0.0447	U	0.0453	U
Pentachlorophenol	87-86-5	0.8	6.7	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
Phenanthrene	85-01-8	100	100	N/A	0.0477	U	0.044	U	**0.165**	D	0.0453	U
Phenol	108-95-2	0.33	100	N/A	0.0477	U	0.044	U	0.0447	U	0.0453	U
Pyrene	129-00-0	100	100	N/A	0.0477	U	0.044	U	**0.258**	D	0.0453	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 4
SVOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Stret, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-1 (0-2) 25E0288-04 5/6/2025 Soil		25SB-1 (2-4) 25E0288-05 5/6/2025 Soil		25SB-1 (11-13) 25E0288-06 5/6/2025 Soil		25SB-2 (0-2) 25E0127-02 5/2/2025 Soil		25-SB-DUP-1(0-2) 25E0127-01 5/2/2025 Soil		25SB-2 (5-7) 25E0127-03 5/2/2025 Soil		25SB-2 (12.5-14.5) 25E0127-04 5/2/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	5.7	0.1	0.0189	U	0.0189	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.086	U	0.0844	U	0.084	U	0.0912	U	0.0912	U	0.087	U	0.0917	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.086	U	0.0844	U	0.084	U	0.0912	U	0.0912	U	0.087	U	0.0917	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.086	R	0.0844	U	0.084	U	0.0912	U	0.0912	U	0.087	U	0.0917	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
2-Chloronaphthalene	91-58-7	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
2-Chlorophenol	95-57-8	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
2-Methylnaphthalene	91-57-6	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
2-Methylphenol	95-48-7	0.33	100	N/A	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
2-Nitroaniline	88-74-4	~	~	~	0.086	U	0.0844	U	0.084	U	0.0912	U	0.0912	U	0.087	U	0.0917	U
2-Nitrophenol	88-75-5	~	~	~	0.0431	U	0.0423	U	0.0421	U	**0.0457**	UJ	**0.0457**	UJ	**0.0436**	UJ	**0.0459**	UJ
3- & 4-Methylphenols	65794-96-9	0.33	100	N/A	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.0431	U	0.0423	U	0.0421	U	**0.0457**	UJ	**0.0457**	UJ	**0.0436**	UJ	**0.0459**	UJ
3-Nitroaniline	99-09-2	~	~	~	0.086	U	0.0844	U	0.084	U	**0.0912**	UJ	**0.0912**	UJ	**0.087**	UJ	**0.0917**	UJ
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.086	R	0.0844	U	0.084	U	0.0912	U	0.0912	U	0.087	U	0.0917	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.0431	U	0.0423	U	0.0421	U	**0.0457**	UJ	**0.0457**	UJ	**0.0436**	UJ	**0.0459**	UJ
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.0431	U	0.0423	U	0.0421	U	**0.0457**	UJ	**0.0457**	UJ	**0.0436**	UJ	**0.0459**	UJ
4-Chloroaniline	106-47-8	~	~	~	0.0431	U	0.0423	U	0.0421	U	**0.0457**	UJ	**0.0457**	UJ	**0.0436**	UJ	**0.0459**	UJ
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
4-Nitroaniline	100-01-6	~	~	~	0.086	R	0.0844	R	0.084	U	**0.0912**	UJ	**0.0912**	UJ	**0.087**	UJ	**0.0917**	UJ
4-Nitrophenol	100-02-7	~	~	~	0.086	U	0.0844	U	0.084	U	0.0912	U	0.0912	U	0.087	U	0.0917	U
Acenaphthene	83-32-9	20	100	N/A	0.0431	U	0.0423	U	0.0421	U	**0.054**	JD	0.0457	U	0.0436	U	0.0459	U
Acenaphthylene	208-96-8	100	100	N/A	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Acetophenone	98-86-2	~	~	~	0.0431	U	0.0423	U	0.0421	U	**0.0457**	UJ	**0.0457**	UJ	**0.0436**	UJ	**0.0459**	UJ
Aniline	62-53-3	0.04	8.1	N/A	0.172	U	0.169	U	0.168	U	0.183	U	0.183	U	0.174	U	0.184	U
Anthracene	120-12-7	100	100	N/A	0.0431	U	0.0423	U	0.0421	U	**0.174**	J	**0.12**	J	0.0436	U	0.0459	U
Atrazine	1912-24-9	~	~	~	0.0431	U	0.0423	U	0.0421	U	**0.0457**	UJ	**0.0457**	UJ	**0.0436**	UJ	**0.0459**	UJ
Benzaldehyde	100-52-7	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Benzidine	92-87-5	~	~	~	0.172	U	0.169	U	0.168	U	0.183	U	0.183	U	0.174	U	0.184	U
Benzo(a)anthracene	56-55-3	1	1.4	N/A	**0.0948**	D	0.0423	U	0.0421	U	**0.716**	J	**0.435**	J	0.0436	U	0.0459	U
Benzo(a)pyrene	50-32-8	1	1	N/A	**0.0996**	D	0.0423	U	0.0421	U	**0.827**	J	**0.43**	J	0.0436	U	0.0459	U
Benzo(b)fluoranthene	205-99-2	1	1.4	N/A	**0.129**	D	0.0423	U	0.0421	U	**0.699**	J	**0.428**	J	0.0436	U	0.0459	U
Benzo(g,h,i)perylene	191-24-2	0.64	4.9	N/A	**0.0639**	JD	0.0423	U	0.0421	U	**0.63**	J	**0.364**	J	0.0436	U	0.0459	U
Benzo(k)fluoranthene	207-08-9	0.8	4.9	N/A	**0.0515**	JD	0.0423	U	0.0421	U	**0.773**	J	**0.387**	J	0.0436	U	0.0459	U
Benzoic acid	65-85-0	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Benzyl alcohol	100-51-6	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.0431	U	0.0423	U	0.0421	U	**0.0457**	UJ	**0.0457**	UJ	**0.0436**	UJ	**0.0459**	UJ
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.0431	U	0.0423	U	0.0421	U	**0.0457**	UJ	**0.0457**	UJ	**0.0436**	UJ	**0.0459**	UJ
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Caprolactam	105-60-2	~	~	~	0.086	U	0.0844	U	0.084	U	0.0912	U	0.0912	U	0.087	U	0.0917	U
Carbazole	86-74-8	~	~	~	0.0431	U	0.0423	U	0.0421	U	**0.0678**	JD	0.0457	U	0.0436	U	0.0459	U
Chrysene	218-01-9	1	4.9	N/A	**0.0996**	D	0.0423	U	0.0421	U	**0.739**	J	**0.46**	J	0.0436	U	0.0459	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	N/A	0.0431	U	0.0423	U	0.0421	U	**0.17**	D	**0.0853**	JD	0.0436	U	0.0459	U
Dibenzofuran	132-64-9	2.1	18	N/A	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Diethyl phthalate	84-66-2	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Dimethyl phthalate	131-11-3	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	**0.0634**	JD	0.0436	U	0.0459	U
Fluoranthene	206-44-0	85	100	N/A	**0.217**	D	0.0423	U	0.0421	U	**1.14**	J	**0.777**	J	0.0436	U	0.0459	U
Fluorene	86-73-7	30	100	N/A	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Hexachlorobenzene	118-74-1	0.33	0.33	N/A	0.0431	U	0.0423	U	0.0421	U	**0.0457**	UJ	**0.0457**	UJ	**0.0436**	UJ	**0.0459**	UJ
Hexachlorobutadiene	87-68-3	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.0431	R	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Hexachloroethane	67-72-1	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	N/A	**0.0818**	JD	0.0423	U	**0.043**	JD	**0.628**	J	**0.37**	J	0.0436	U	0.0459	U
Isophorone	78-59-1	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Naphthalene	91-20-3	12	100	N/A	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Nitrobenzene	98-95-3	0.08	1.8	N/A	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.0431	U	0.0423	U	0.0421	U	**0.0457**	UJ	**0.0457**	UJ	**0.0436**	UJ	**0.0459**	UJ
Pentachlorophenol	87-86-5	0.8	1.3	N/A	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Phenanthrene	85-01-8	1.1	4.9	N/A	**0.18**	D	0.0423	U	0.0421	U	**0.567**	J	**0.41**	J	0.0436	U	0.0459	U
Phenol	108-95-2	0.33	100	N/A	0.0431	U	0.0423	U	0.0421	U	0.0457	U	0.0457	U	0.0436	U	0.0459	U
Pyrene	129-00-0	64	100	N/A	**0.255**	D	0.0423	U	0.0421	U	**1.18**	J	**0.75**	J	0.0436	U	0.0459	U
Pyridine	110-86-1	~	~	~	0.172	U	0.169	U	0.168	U	0.183	U	0.183	U	0.174	U	0.184	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 4
SVOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-3 (0-2) 25E0288-15 5/6/2025 Soil		25SB-3 (4-6) 25E0288-16 5/6/2025 Soil		25SB-3 (11-13) 25E0288-17 5/6/2025 Soil		25SB-4 (0-2) 25E0127-05 5/2/2025 Soil		25SB-4 (3-5) 25E0127-06 5/2/2025 Soil		25SB-4 (11-13) 25E0127-07 5/2/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	5.7	0.1	0.019	U	0.0189	U	0.0192	U	0.019	U	0.019	U	0.019	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					20		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.0866	U	**0.0886**	UJ	0.0931	U	0.09	U	0.0914	U	0.0969	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.0866	U	**0.0886**	UJ	0.0931	U	0.09	R	0.0914	R	0.0969	R
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	R	0.0458	R	0.0486	R
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	R	0.0458	R	0.0486	R
2,4-Dichlorophenol	120-83-2	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	R	0.0458	R	0.0486	R
2,4-Dimethylphenol	105-67-9	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	R	0.0458	R	0.0486	R
2,4-Dinitrophenol	51-28-5	~	~	~	0.0866	U	**0.0886**	UJ	0.0931	U	0.09	R	0.0914	R	0.0969	R
2,4-Dinitrotoluene	121-14-2	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
2-Chloronaphthalene	91-58-7	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
2-Chlorophenol	95-57-8	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	R	0.0458	R	0.0486	R
2-Methylnaphthalene	91-57-6	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	**0.0451**	UJ	**0.0458**	UJ	**0.0486**	UJ
2-Methylphenol	95-48-7	0.33	100	N/A	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	R	0.0458	R	0.0486	R
2-Nitroaniline	88-74-4	~	~	~	0.0866	U	**0.0886**	UJ	0.0931	U	0.0900	U	0.0914	U	0.0969	U
2-Nitrophenol	88-75-5	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.05	R	0.0458	R	0.0486	R
3- & 4-Methylphenols	65794-96-9	0.33	100	N/A	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	R	0.0458	R	0.0486	R
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	**0.0451**	UJ	**0.0458**	UJ	**0.0486**	UJ
3-Nitroaniline	99-09-2	~	~	~	0.0866	U	**0.0886**	UJ	0.0931	U	**0.09**	UJ	**0.0914**	UJ	**0.0969**	UJ
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.0866	U	**0.0886**	UJ	0.0931	U	0.09	R	0.0914	R	0.0969	R
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	R	0.0458	R	0.0486	R
4-Chloroaniline	106-47-8	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	**0.0451**	UJ	**0.0458**	UJ	**0.0486**	UJ
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
4-Nitroaniline	100-01-6	~	~	~	0.0866	U	**0.0886**	UJ	0.0931	U	**0.09**	UJ	**0.0914**	UJ	**0.0969**	UJ
4-Nitrophenol	100-02-7	~	~	~	0.0866	U	**0.0886**	UJ	0.0931	U	0.09	R	0.0914	R	0.0969	R
Acenaphthene	83-32-9	20	100	N/A	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Acenaphthylene	208-96-8	100	100	N/A	**1.18**	D	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Acetophenone	98-86-2	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Aniline	62-53-3	0.04	8.1	N/A	0.173	U	**0.177**	UJ	0.186	U	0.18	U	0.183	U	0.194	U
Anthracene	120-12-7	100	100	N/A	**0.903**	D	**0.119**	J-	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Atrazine	1912-24-9	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Benzaldehyde	100-52-7	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Benzidine	92-87-5	~	~	~	0.173	U	**0.177**	UJ	0.186	U	0.18	U	0.183	U	0.194	U
Benzo(a)anthracene	56-55-3	1	1.4	N/A	**7.2**	J-	**0.268**	J-	0.0466	U	**0.0561**	JD	**0.0458**	UJ	0.0486	U
Benzo(a)pyrene	50-32-8	1	1	N/A	**6.82**	J-	**0.239**	J-	0.0466	U	**0.0451**	UJ	**0.0458**	UJ	**0.0486**	UJ
Benzo(b)fluoranthene	205-99-2	1	1.4	N/A	**5.97**	J-	**0.324**	J-	0.0466	U	**0.0576**	J-	0.0458	U	**0.0486**	UJ
Benzo(g,h,i)perylene	191-24-2	0.64	4.9	N/A	**4.77**	J-	**0.201**	J-	0.0466	U	0.0451	U	**0.0458**	UJ	0.0486	U
Benzo(k)fluoranthene	207-08-9	0.8	4.9	N/A	**5.29**	J-	**0.108**	J-	0.0466	U	**0.0451**	UJ	0.0458	U	**0.0486**	UJ
Benzoic acid	65-85-0	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Benzyl alcohol	100-51-6	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	**0.0451**	UJ	**0.0458**	UJ	**0.0486**	UJ
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	**0.0777**	JD	0.0458	U	0.0486	U
Caprolactam	105-60-2	~	~	~	0.0866	U	**0.0886**	UJ	0.0931	U	0.09	U	0.0914	U	0.0969	U
Carbazole	86-74-8	~	~	~	**0.149**	D	**0.0444**	UJ	0.0466	U	**0.0451**	UJ	**0.0458**	UJ	**0.0486**	UJ
Chrysene	218-01-9	1	4.9	N/A	**7.45**	J-	**0.292**	J-	0.0466	U	**0.0468**	JD	0.0458	U	0.0486	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	N/A	**1.23**	J	**0.051**	J-	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Dibenzofuran	132-64-9	2.1	18	N/A	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Diethyl phthalate	84-66-2	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Dimethyl phthalate	131-11-3	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Fluoranthene	206-44-0	85	100	N/A	**14.2**	J-	**0.603**	J-	0.0466	U	**0.0727**	J-	**0.0458**	UJ	**0.0486**	UJ
Fluorene	86-73-7	30	100	N/A	**0.0699**	JD	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Hexachlorobenzene	118-74-1	0.33	0.33	N/A	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Hexachloroethane	67-72-1	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	N/A	**4.12**	J-	**0.181**	J-	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Isophorone	78-59-1	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Naphthalene	91-20-3	12	100	N/A	**0.122**	D	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Nitrobenzene	98-95-3	0.08	1.8	N/A	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Pentachlorophenol	87-86-5	0.8	1.3	N/A	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	R	0.0458	R	0.0486	U
Phenanthrene	85-01-8	1.1	4.9	N/A	**3.2**	J-	**0.569**	J-	0.0466	U	0.0451	U	0.0458	U	0.0486	U
Phenol	108-95-2	0.33	100	N/A	0.0434	U	**0.0444**	UJ	0.0466	U	0.0451	R	0.0458	R	0.0486	U
Pyrene	129-00-0	64	100	N/A	**13.2**	J-	**0.535**	J-	0.0466	U	**0.0871**	JD	0.0458	U	0.0486	U
Pyridine	110-86-1	~	~	~	0.173	U	**0.177**	UJ	0.186	U	0.18	U	0.183	U	0.194	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectiv

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 4
SVOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-5 (0-2)		25SB-5 (3-5)		25SB-5 (11-13)		25SB-DUP-2 (11-13)		25SB-6 (0-2)		25SB-6 (3-5)		25SB-6 (11.5-13.5)	
Laboratory ID					25E0212-15		25E0212-16		25E0212-17		25E0212-18		25E0212-10		25E0212-11		25E0212-12	
Sampling Date					5/5/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025	
Sample Matrix					Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	5.7	0.1	0.0194	U	0.0196	U	0.0196	U	0.0196	U	0.0194	U	0.0194	U	0.0194	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.0854	U	0.087	U	0.0971	U	0.0957	U	0.085	U	0.0909	U	0.0925	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.0854	U	0.087	U	0.0971	U	0.0957	U	0.085	U	0.0909	U	0.0925	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.0854	U	0.0870	R	0.0971	R	0.0957	R	0.085	U	0.0909	R	0.0925	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
2-Chloronaphthalene	91-58-7	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
2-Chlorophenol	95-57-8	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
2-Methylnaphthalene	91-57-6	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
2-Methylphenol	95-48-7	0.33	100	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
2-Nitroaniline	88-74-4	~	~	~	0.0854	U	0.087	U	0.0971	U	0.0957	U	0.085	U	0.0909	U	0.0925	U
2-Nitrophenol	88-75-5	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
3- & 4-Methylphenols	65794-96-9	0.33	100	N/A	**0.0428**	UJ	0.0436	U	0.0487	U	0.0479	U	**0.0426**	UJ	0.0455	U	0.0464	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
3-Nitroaniline	99-09-2	~	~	~	0.0854	U	0.087	U	0.0971	U	0.0957	U	0.085	U	0.0909	U	0.0925	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.0854	U	0.087	U	0.0971	U	0.0957	U	0.085	U	0.0909	U	0.0925	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
4-Chloroaniline	106-47-8	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
4-Nitroaniline	100-01-6	~	~	~	0.0854	U	0.087	U	0.0971	U	0.0957	U	0.085	U	0.0909	U	0.0925	U
4-Nitrophenol	100-02-7	~	~	~	0.0854	U	0.087	U	0.0971	U	0.0957	U	0.085	U	0.0909	U	0.0925	U
Acenaphthene	83-32-9	20	100	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Acenaphthylene	208-96-8	100	100	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Acetophenone	98-86-2	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Aniline	62-53-3	0.04	8.1	N/A	0.171	U	0.174	U	0.195	U	0.192	U	0.17	U	0.182	U	0.185	U
Anthracene	120-12-7	100	100	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Atrazine	1912-24-9	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Benzaldehyde	100-52-7	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Benzidine	92-87-5	~	~	~	0.171	U	0.174	U	0.195	U	0.192	U	0.17	U	0.182	U	0.185	U
Benzo(a)anthracene	56-55-3	1	1.4	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Benzo(a)pyrene	50-32-8	1	1	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Benzo(b)fluoranthene	205-99-2	1	1.4	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Benzo(g,h,i)perylene	191-24-2	0.64	4.9	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Benzo(k)fluoranthene	207-08-9	0.8	4.9	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Benzoic acid	65-85-0	~	~	~	0.0428	R	0.0436	U	0.0487	U	0.0479	U	0.0426	R	0.0455	U	0.0464	U
Benzyl alcohol	100-51-6	~	~	~	**0.0428**	UJ	0.0436	U	0.0487	U	0.0479	U	**0.0426**	UJ	0.0455	U	0.0464	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Caprolactam	105-60-2	~	~	~	0.0854	U	0.087	U	0.0971	U	0.0957	U	0.085	U	0.0909	U	0.0925	U
Carbazole	86-74-8	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Chrysene	218-01-9	1	4.9	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Dibenzofuran	132-64-9	2.1	18	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Diethyl phthalate	84-66-2	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Dimethyl phthalate	131-11-3	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Fluoranthene	206-44-0	85	100	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Fluorene	86-73-7	30	100	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Hexachlorobenzene	118-74-1	0.33	0.33	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Hexachloroethane	67-72-1	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Isophorone	78-59-1	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Naphthalene	91-20-3	12	100	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Nitrobenzene	98-95-3	0.08	1.8	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Pentachlorophenol	87-86-5	0.8	1.3	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Phenanthrene	85-01-8	1.1	4.9	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Phenol	108-95-2	0.33	100	N/A	**0.0428**	UJ	0.0436	U	0.0487	U	0.0479	U	**0.0426**	UJ	0.0455	U	0.0464	U
Pyrene	129-00-0	64	100	N/A	0.0428	U	0.0436	U	0.0487	U	0.0479	U	0.0426	U	0.0455	U	0.0464	U
Pyridine	110-86-1	~	~	~	0.171	U	0.174	U	0.195	U	0.192	U	0.17	U	0.182	U	0.185	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectiv

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 4
SVOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-7 (0-2)		25SB-7 (3-5)		25SB-7 (6-8)		25SB-8 (0-2)		25SB-DUP-3 (0-2)		25SB-8 (3-5)		25SB-8 (12.5-14.5)	
Laboratory ID					25E0288-12		25E0288-13		25E0288-14		25E0288-18		25E0288-21		25E0288-19		25E0288-20	
Sampling Date					5/6/2025		5/6/2025		5/6/2025		5/6/2025		5/6/2025		5/6/2025		5/6/2025	
Sample Matrix					Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	5.7	0.1	0.019	U	0.019	U	0.019	U	0.0198	U	0.0196	U	0.019	U	0.0192	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.0887	U	0.0893	U	0.0919	U	0.0854	U	0.0876	U	0.0842	U	0.0859	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.0887	U	0.0893	U	0.0919	U	0.0854	U	0.0876	U	0.0842	U	0.0859	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	R	0.0439	U	0.0422	U	0.0431	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.0887	U	0.0893	U	0.0919	U	0.0854	U	0.0876	U	0.0842	U	0.0859	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
2-Chloronaphthalene	91-58-7	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
2-Chlorophenol	95-57-8	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
2-Methylnaphthalene	91-57-6	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
2-Methylphenol	95-48-7	0.33	100	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
2-Nitroaniline	88-74-4	~	~	~	0.0887	U	0.0893	U	0.0919	U	0.0854	U	0.0876	U	0.0842	U	0.0859	U
2-Nitrophenol	88-75-5	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
3- & 4-Methylphenols	65794-96-9	0.33	100	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
3-Nitroaniline	99-09-2	~	~	~	0.0887	U	0.0893	U	0.0919	U	0.0854	U	0.0876	U	0.0842	U	0.0859	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.0887	U	0.0893	U	0.0919	U	0.0854	R	0.0876	U	0.0842	U	0.0859	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
4-Chloroaniline	106-47-8	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
4-Nitroaniline	100-01-6	~	~	~	0.0887	U	0.0893	U	0.0919	U	0.0854	U	0.0876	U	0.0842	U	0.0859	U
4-Nitrophenol	100-02-7	~	~	~	0.0887	U	0.0893	U	0.0919	U	0.0854	U	0.0876	U	0.0842	U	0.0859	U
Acenaphthene	83-32-9	20	100	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Acenaphthylene	208-96-8	100	100	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Acetophenone	98-86-2	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Aniline	62-53-3	0.04	8.1	N/A	0.178	U	0.179	U	0.184	U	0.171	U	0.175	U	0.169	U	0.172	U
Anthracene	120-12-7	100	100	N/A	**0.352**	J	0.0448	U	0.046	U	0.0428	U	**0.206**	J	0.0422	U	0.0431	U
Atrazine	1912-24-9	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Benzaldehyde	100-52-7	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Benzidine	92-87-5	~	~	~	0.178	U	0.179	U	0.184	U	0.171	U	0.175	U	0.169	U	0.172	U
Benzo(a)anthracene	56-55-3	1	1.4	N/A	**0.174**	J	0.0448	U	0.046	U	0.0428	U	**0.256**	J	0.0422	U	0.0431	U
Benzo(a)pyrene	50-32-8	1	1	N/A	**0.18**	D	0.0448	U	0.046	U	0.0428	U	**0.247**	D	0.0422	U	0.0431	U
Benzo(b)fluoranthene	205-99-2	1	1.4	N/A	**0.21**	D	0.0448	U	0.046	U	0.0428	U	**0.285**	D	0.0422	U	0.0431	U
Benzo(g,h,i)perylene	191-24-2	0.64	4.9	N/A	**0.125**	D	0.0448	U	0.046	U	0.0428	U	**0.152**	D	0.0422	U	0.0431	U
Benzo(k)fluoranthene	207-08-9	0.8	4.9	N/A	**0.0886**	JD	0.0448	U	0.046	U	0.0428	U	**0.116**	D	0.0422	U	0.0431	U
Benzoic acid	65-85-0	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	R	0.0439	U	0.0422	U	0.0431	U
Benzyl alcohol	100-51-6	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.0445	U	0.0448	U	**0.0529**	JD	**0.161**	J	0.0439	U	0.0422	U	0.0431	U
Caprolactam	105-60-2	~	~	~	0.0887	U	0.0893	U	0.0919	U	0.0854	U	0.0876	U	0.0842	U	0.0859	U
Carbazole	86-74-8	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Chrysene	218-01-9	1	4.9	N/A	**0.177**	J	0.0448	U	0.046	U	0.0428	U	**0.294**	J	0.0422	U	0.0431	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Dibenzofuran	132-64-9	2.1	18	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Diethyl phthalate	84-66-2	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Dimethyl phthalate	131-11-3	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Fluoranthene	206-44-0	85	100	N/A	**0.392**	D	0.0448	U	0.046	U	**0.043**	J	**0.39**	D	0.0422	U	0.0431	U
Fluorene	86-73-7	30	100	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Hexachlorobenzene	118-74-1	0.33	0.33	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	R	0.0439	U	0.0422	U	0.0431	U
Hexachloroethane	67-72-1	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	N/A	**0.107**	D	0.0448	U	0.046	U	0.0428	U	**0.147**	D	0.0422	U	0.0431	U
Isophorone	78-59-1	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Naphthalene	91-20-3	12	100	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Nitrobenzene	98-95-3	0.08	1.8	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	R	0.0439	U	0.0422	U	0.0431	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Pentachlorophenol	87-86-5	0.8	1.3	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Phenanthrene	85-01-8	1.1	4.9	N/A	**0.357**	J	0.0448	U	0.046	U	0.0428	U	**0.211**	J	0.0422	U	0.0431	U
Phenol	108-95-2	0.33	100	N/A	0.0445	U	0.0448	U	0.046	U	0.0428	U	0.0439	U	0.0422	U	0.0431	U
Pyrene	129-00-0	64	100	N/A	**0.417**	D	0.0448	U	0.046	U	0.0428	U	**0.559**	D	0.0422	U	0.0431	U
Pyridine	110-86-1	~	~	~	0.178	U	0.179	U	0.184	U	0.171	R	0.175	U	0.169	U	0.172	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectiv

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 4
SVOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-9 (0-2) 25E0212-07 5/5/2025 Soil		25SB-9 (2-4) 25E0212-08 5/5/2025 Soil		25SB-9 (12-14) 25E0212-09 5/5/2025 Soil		25SB-10 (0-2) 25E0127-08 5/2/2025 Soil		25SB-10 (2-4) 25E0127-09 5/2/2025 Soil		25SB-10 (11-13) 25E0127-10 5/2/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	5.7	0.1	0.019	U	0.0196	U	0.0194	U	0.019	U	0.0194	U	0.0194	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.0918	U	0.0889	U	0.0975	U	0.088	U	0.0871	U	0.0888	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.0918	U	0.0889	U	0.0975	U	0.088	R	0.0871	R	0.0888	R
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	R	0.0437	R	0.0445	R
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	R	0.0437	R	0.0445	R
2,4-Dichlorophenol	120-83-2	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	R	0.0437	R	0.0445	R
2,4-Dimethylphenol	105-67-9	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	R	0.0437	R	0.0445	R
2,4-Dinitrophenol	51-28-5	~	~	~	0.0918	U	0.0889	U	0.0975	U	0.088	R	0.0871	R	0.0888	R
2,4-Dinitrotoluene	121-14-2	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
2-Chloronaphthalene	91-58-7	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
2-Chlorophenol	95-57-8	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	R	0.0437	R	0.0445	R
2-Methylnaphthalene	91-57-6	~	~	~	0.046	U	0.0445	U	0.0489	U	**0.0441**	UJ	**0.0437**	UJ	**0.0445**	UJ
2-Methylphenol	95-48-7	0.33	100	N/A	0.046	U	0.0445	U	0.0489	U	0.0441	R	0.0437	R	0.0445	R
2-Nitroaniline	88-74-4	~	~	~	0.0918	U	0.0889	U	0.0975	U	0.088	U	0.0871	U	0.0888	U
2-Nitrophenol	88-75-5	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	R	0.0437	R	0.0445	R
3- & 4-Methylphenols	65794-96-9	0.33	100	N/A	**0.046**	UJ	**0.0445**	UJ	**0.0489**	UJ	0.0441	R	0.0437	R	0.0445	R
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.046	U	0.0445	U	0.0489	U	**0.0441**	UJ	**0.0437**	UJ	**0.0445**	UJ
3-Nitroaniline	99-09-2	~	~	~	0.0918	U	0.0889	U	0.0975	U	**0.088**	UJ	**0.0871**	UJ	**0.0888**	UJ
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.0918	U	0.0889	U	0.0975	U	0.088	R	0.0871	R	0.0888	R
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	R	0.0437	R	0.0445	R
4-Chloroaniline	106-47-8	~	~	~	0.046	U	0.0445	U	0.0489	U	**0.0441**	UJ	**0.0437**	UJ	**0.0445**	UJ
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
4-Nitroaniline	100-01-6	~	~	~	0.0918	U	0.0889	U	0.0975	U	**0.088**	UJ	**0.0871**	UJ	**0.0888**	UJ
4-Nitrophenol	100-02-7	~	~	~	0.0918	U	0.0889	U	0.0975	U	0.088	R	0.0871	R	0.0888	R
Acenaphthene	83-32-9	20	100	N/A	0.046	U	0.0445	U	0.0489	U	**0.117**	D	0.0437	U	0.0445	U
Acenaphthylene	208-96-8	100	100	N/A	0.046	U	0.0445	U	0.0489	U	**0.0464**	JD	**0.0446**	JD	**0.15**	D
Acetophenone	98-86-2	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Aniline	62-53-3	0.04	8.1	N/A	0.184	U	0.178	U	0.195	U	0.176	U	0.174	U	0.178	U
Anthracene	120-12-7	100	100	N/A	0.046	U	0.0445	U	0.0489	U	**0.278**	D	**0.109**	D	**0.199**	D
Atrazine	1912-24-9	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Benzaldehyde	100-52-7	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Benzidine	92-87-5	~	~	~	0.184	U	0.178	U	0.195	U	0.176	U	0.174	U	0.178	U
Benzo(a)anthracene	56-55-3	1	1.4	N/A	0.046	U	0.0445	U	0.0489	U	**0.856**	D	**0.315**	D	**0.764**	D
Benzo(a)pyrene	50-32-8	1	1	N/A	0.046	U	0.0445	U	0.0489	U	**0.985**	J-	**0.29**	J-	**0.648**	J-
Benzo(b)fluoranthene	205-99-2	1	1.4	N/A	0.046	U	0.0445	U	0.0489	U	**1.29**	J-	**0.384**	J-	**0.972**	J-
Benzo(g,h,i)perylene	191-24-2	0.64	4.9	N/A	0.046	U	0.0445	U	0.0489	U	**0.839**	J	**0.194**	J	**0.446**	J
Benzo(k)fluoranthene	207-08-9	0.8	4.9	N/A	0.046	U	0.0445	U	0.0489	U	**0.445**	J-	**0.147**	J-	**0.337**	J-
Benzoic acid	65-85-0	~	~	~	0.046	R	0.0445	R	0.0489	R	0.0441	U	0.0437	U	0.0445	U
Benzyl alcohol	100-51-6	~	~	~	**0.046**	UJ	**0.0445**	UJ	**0.0489**	UJ	0.0441	U	0.0437	U	0.0445	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.046	U	0.0445	U	0.0489	U	**0.0441**	UJ	**0.0437**	UJ	**0.0445**	UJ
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Caprolactam	105-60-2	~	~	~	0.0918	U	0.0889	U	0.0975	U	0.088	U	0.0871	U	0.0888	U
Carbazole	86-74-8	~	~	~	0.046	U	0.0445	U	0.0489	U	**0.152**	J-	**0.0494**	J-	**0.114**	J-
Chrysene	218-01-9	1	4.9	N/A	0.046	U	0.0445	U	0.0489	U	**0.913**	D	**0.331**	D	**0.939**	D
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	N/A	0.046	U	0.0445	U	0.0489	U	**0.136**	J	0.0437	U	**0.108**	J
Dibenzofuran	132-64-9	2.1	18	N/A	0.046	U	0.0445	U	0.0489	U	**0.0521**	JD	0.0437	U	0.0445	U
Diethyl phthalate	84-66-2	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Dimethyl phthalate	131-11-3	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	**0.0561**	JD
Di-n-octyl phthalate	117-84-0	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Fluoranthene	206-44-0	85	100	N/A	0.046	U	0.0445	U	0.0489	U	**1.53**	J-	**0.572**	J-	1.48	J-
Fluorene	86-73-7	30	100	N/A	0.046	U	0.0445	U	0.0489	U	**0.0964**	D	0.0437	U	**0.0445**	U
Hexachlorobenzene	118-74-1	0.33	0.33	N/A	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Hexachlorobutadiene	87-68-3	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Hexachloroethane	67-72-1	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	N/A	0.046	U	0.0445	U	0.0489	U	**0.72**	J	**0.185**	J	**0.425**	J
Isophorone	78-59-1	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Naphthalene	91-20-3	12	100	N/A	0.046	U	0.0445	U	0.0489	U	**0.0549**	JD	0.0437	U	0.0445	U
Nitrobenzene	98-95-3	0.08	1.8	N/A	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.046	U	0.0445	U	0.0489	U	0.0441	U	0.0437	U	0.0445	U
Pentachlorophenol	87-86-5	0.8	1.3	N/A	0.046	U	0.0445	U	0.0489	U	0.0441	R	0.0437	R	0.0445	R
Phenanthrene	85-01-8	1.1	4.9	N/A	0.046	U	0.0445	U	0.0489	U	**1.08**	D	**0.371**	D	**0.788**	D
Phenol	108-95-2	0.33	100	N/A	**0.046**	UJ	**0.0445**	UJ	**0.0489**	UJ	0.0441	R	0.0437	R	0.0445	R
Pyrene	129-00-0	64	100	N/A	0.046	U	0.0445	U	0.0489	U	**1.67**	D	**0.664**	D	**1.66**	D
Pyridine	110-86-1	~	~	~	0.184	U	0.178	U	0.195	U	0.176	U	0.174	U	0.178	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectiv

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 4
SVOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-11 (0-1.5)		25SB-12 (0-2)		25SB-12 (3-5)		25SB-12 (11-13)		25SB-13 (0-2)		25SB-13 (3-5)		25SB-13 (13-15)	
Laboratory ID					25E0288-10		25E0212-01		25E0212-02		25E0212-03		25E0212-04		25E0212-05		25E0212-06	
Sampling Date					5/6/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025	
Sample Matrix					Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	5.7	0.1	0.019	U	0.019	U	0.0196	U	0.0187	U	0.0194	U	0.0196	U	0.0189	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					2		100		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.0937	U	4.47	U	0.0899	U	0.0984	U	0.0847	U	0.0978	U	0.0885	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.0937	R	4.47	U	0.0899	U	0.0984	U	0.0847	U	0.0978	U	0.0885	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.047	R	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.047	R	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.047	R	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.047	R	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.0937	R	4.47	U	0.0899	U	0.0984	U	0.0847	U	0.0978	U	0.0885	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
2-Chloronaphthalene	91-58-7	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
2-Chlorophenol	95-57-8	~	~	~	0.047	R	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
2-Methylnaphthalene	91-57-6	~	~	~	0.047	U	**3.71**	JD	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
2-Methylphenol	95-48-7	0.33	100	N/A	0.047	R	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
2-Nitroaniline	88-74-4	~	~	~	0.0937	U	4.47	U	0.0899	U	0.0984	U	0.0847	U	0.0978	U	0.0885	U
2-Nitrophenol	88-75-5	~	~	~	0.047	R	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
3- & 4-Methylphenols	65794-96-9	0.33	100	N/A	0.047	R	**2.24**	UJ	**0.0451**	UJ	**0.0493**	UJ	**0.0425**	UJ	**0.049**	UJ	0.0443	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
3-Nitroaniline	99-09-2	~	~	~	0.0937	U	4.47	U	0.0899	U	0.0984	U	0.0847	U	0.0978	U	0.0885	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.0937	R	4.47	U	0.0899	U	0.0984	U	0.0847	U	0.0978	U	0.0885	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.047	R	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
4-Chloroaniline	106-47-8	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
4-Nitroaniline	100-01-6	~	~	~	0.0937	U	4.47	U	0.0899	U	0.0984	U	0.0847	U	0.0978	U	0.0885	U
4-Nitrophenol	100-02-7	~	~	~	0.0937	R	4.47	U	0.0899	U	0.0984	U	0.0847	U	0.0978	U	0.0885	U
Acenaphthene	83-32-9	20	100	N/A	0.047	U	**11.2**	D	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Acenaphthylene	208-96-8	100	100	N/A	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Acetophenone	98-86-2	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Aniline	62-53-3	0.04	8.1	N/A	0.188	U	8.95	U	0.18	U	0.197	U	0.17	U	0.196	U	0.177	U
Anthracene	120-12-7	100	100	N/A	0.047	U	**16.9**	D	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Atrazine	1912-24-9	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Benzaldehyde	100-52-7	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Benzidine	92-87-5	~	~	~	0.188	U	8.95	U	0.18	U	0.197	U	0.17	U	0.196	U	0.177	U
Benzo(a)anthracene	56-55-3	1	1.4	N/A	0.047	U	**31.4**	D	**0.0539**	JD	0.0493	U	0.0425	U	0.049	U	0.0443	U
Benzo(a)pyrene	50-32-8	1	1	N/A	0.047	U	**29**	D	**0.0733**	JD	0.0493	U	0.0425	U	0.049	U	0.0443	U
Benzo(b)fluoranthene	205-99-2	1	1.4	N/A	0.047	U	**27.6**	D	**0.0927**	D	0.0493	U	0.0425	U	0.049	U	0.0443	U
Benzo(g,h,i)perylene	191-24-2	0.64	4.9	N/A	0.047	U	**22.1**	D	**0.0611**	JD	0.0493	U	0.0425	U	0.049	U	0.0443	U
Benzo(k)fluoranthene	207-08-9	0.8	4.9	N/A	0.047	U	**26**	D	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Benzoic acid	65-85-0	~	~	~	0.047	U	2.24	R	0.0451	R	0.0493	R	0.0425	R	0.049	R	0.0443	U
Benzyl alcohol	100-51-6	~	~	~	0.047	U	**2.24**	UJ	**0.0451**	UJ	**0.0493**	UJ	**0.0425**	UJ	**0.049**	UJ	0.0443	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Caprolactam	105-60-2	~	~	~	0.0937	U	4.47	U	0.0899	U	0.0984	U	0.0847	U	0.0978	U	0.0885	U
Carbazole	86-74-8	~	~	~	0.047	U	**9.18**	D	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Chrysene	218-01-9	1	4.9	N/A	0.047	U	**28.8**	D	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	N/A	0.047	U	**4.18**	JD	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Dibenzofuran	132-64-9	2.1	18	N/A	0.047	U	**7.14**	D	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Diethyl phthalate	84-66-2	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Dimethyl phthalate	131-11-3	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.047	U	2.24	U	**0.092**	J	0.0493	U	0.0425	U	0.049	U	0.0443	U
Fluoranthene	206-44-0	85	100	N/A	0.047	U	**71.5**	J	**0.0654**	JD	0.0493	U	0.0425	U	0.049	U	0.0443	U
Fluorene	86-73-7	30	100	N/A	0.047	U	**9.07**	D	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Hexachlorobenzene	118-74-1	0.33	0.33	N/A	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Hexachlorobutadiene	87-68-3	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Hexachloroethane	67-72-1	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	N/A	0.047	U	**24.6**	J	**0.0856**	JD	0.0493	U	0.0425	U	0.049	U	0.0443	U
Isophorone	78-59-1	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Naphthalene	91-20-3	12	100	N/A	0.047	U	**15.3**	D	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Nitrobenzene	98-95-3	0.08	1.8	N/A	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.047	U	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Pentachlorophenol	87-86-5	0.8	1.3	N/A	0.047	R	2.24	U	0.0451	U	0.0493	U	0.0425	U	0.049	U	0.0443	U
Phenanthrene	85-01-8	1.1	4.9	N/A	0.047	U	**71.4**	D	**0.0525**	JD	0.0493	U	0.0425	U	0.049	U	0.0443	U
Phenol	108-95-2	0.33	100	N/A	0.047	R	**2.24**	UJ	**0.0451**	UJ	**0.0493**	UJ	**0.0425**	UJ	**0.049**	UJ	0.0443	U
Pyrene	129-00-0	64	100	N/A	0.047	U	**53.1**	D	**0.0582**	JD	0.0493	U	0.0425	U	0.049	U	0.0443	U
Pyridine	110-86-1	~	~	~	0.188	U	8.95	U	0.18	U	0.197	U	0.17	U	0.196	U	0.177	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectiv

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 4
SVOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-14 (0-2) 25E0288-07 5/6/2025 Soil		25SB-14 (4-6) 25E0288-08 5/6/2025 Soil		25SB-14 (10-12) 25E0288-09 5/6/2025 Soil		25SB-15 (0-2) 25E0288-01 5/6/2025 Soil		25SB-15 (4-6) 25E0288-02 5/6/2025 Soil		25SB-15 (10-12) 25E0288-03 5/6/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	5.7	0.1	0.019	U	0.019	U	0.019	U	0.0189		0.0189	U	0.0189	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	**0.0854**	UJ	0.0928	U	0.0968	U	0.0842	U	0.0861	U	0.101	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
1,3-Dichlorobenzene	541-73-1	2.6	38	N/A	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
1,4-Dichlorobenzene	106-46-7	1.8	24	N/A	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	**0.0854**	UJ	0.0928	U	0.0968	U	0.0842	U	0.0861	U	0.101	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
2,4-Dichlorophenol	120-83-2	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
2,4-Dimethylphenol	105-67-9	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
2,4-Dinitrophenol	51-28-5	~	~	~	**0.0854**	UJ	0.0928	U	0.0968	U	0.0842	U	0.0861	U	0.101	U
2,4-Dinitrotoluene	121-14-2	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
2,6-Dinitrotoluene	606-20-2	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
2-Chloronaphthalene	91-58-7	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
2-Chlorophenol	95-57-8	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
2-Methylnaphthalene	91-57-6	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
2-Methylphenol	95-48-7	0.33	100	N/A	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
2-Nitroaniline	88-74-4	~	~	~	**0.0854**	UJ	0.0928	U	0.0968	U	0.0842	U	0.0861	U	0.101	U
2-Nitrophenol	88-75-5	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
3- & 4-Methylphenols	65794-96-9	0.33	100	N/A	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
3-Nitroaniline	99-09-2	~	~	~	**0.0854**	UJ	0.0928	U	0.0968	U	0.0842	U	0.0861	U	0.101	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	**0.0854**	UJ	0.0928	U	0.0968	U	0.0842	U	0.0861	U	0.101	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
4-Chloroaniline	106-47-8	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
4-Nitroaniline	100-01-6	~	~	~	**0.0854**	UJ	0.0928	U	0.0968	U	0.0842	R	0.0861	R	0.101	R
4-Nitrophenol	100-02-7	~	~	~	**0.0854**	UJ	0.0928	U	0.0968	U	0.0842	U	0.0861	U	0.101	U
Acenaphthene	83-32-9	20	100	N/A	**0.0888**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Acenaphthylene	208-96-8	100	100	N/A	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Acetophenone	98-86-2	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Aniline	62-53-3	0.04	8.1	N/A	**0.171**	UJ	0.186	U	0.194	U	0.169	U	0.172	U	0.202	U
Anthracene	120-12-7	100	100	N/A	**0.239**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Atrazine	1912-24-9	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Benzaldehyde	100-52-7	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Benzidine	92-87-5	~	~	~	**0.171**	UJ	0.186	U	0.194	U	0.169	U	0.172	U	0.202	U
Benzo(a)anthracene	56-55-3	1	1.4	N/A	**0.359**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Benzo(a)pyrene	50-32-8	1	1	N/A	**0.27**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Benzo(b)fluoranthene	205-99-2	1	1.4	N/A	**0.35**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Benzo(g,h,i)perylene	191-24-2	0.64	4.9	N/A	**0.157**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Benzo(k)fluoranthene	207-08-9	0.8	4.9	N/A	**0.134**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Benzoic acid	65-85-0	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Benzyl alcohol	100-51-6	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Benzyl butyl phthalate	85-68-7	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Caprolactam	105-60-2	~	~	~	**0.0854**	UJ	0.0928	U	0.0968	U	0.0842	U	0.0861	U	0.101	U
Carbazole	86-74-8	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Chrysene	218-01-9	1	4.9	N/A	**0.391**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	N/A	**0.0526**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Dibenzofuran	132-64-9	2.1	18	N/A	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Diethyl phthalate	84-66-2	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Dimethyl phthalate	131-11-3	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Di-n-butyl phthalate	84-74-2	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Di-n-octyl phthalate	117-84-0	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Fluoranthene	206-44-0	85	100	N/A	**0.776**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Fluorene	86-73-7	30	100	N/A	**0.0765**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Hexachlorobenzene	118-74-1	0.33	0.33	N/A	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Hexachlorobutadiene	87-68-3	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Hexachloroethane	67-72-1	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	N/A	**0.172**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Isophorone	78-59-1	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Naphthalene	91-20-3	12	100	N/A	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Nitrobenzene	98-95-3	0.08	1.8	N/A	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
N-Nitrosodimethylamine	62-75-9	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Pentachlorophenol	87-86-5	0.8	1.3	N/A	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Phenanthrene	85-01-8	1.1	4.9	N/A	**0.979**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Phenol	108-95-2	0.33	100	N/A	**0.0428**	UJ	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Pyrene	129-00-0	64	100	N/A	**0.869**	J-	0.0465	U	0.0485	U	0.0422	U	0.0432	U	0.0505	U
Pyridine	110-86-1	~	~	~	**0.171**	UJ	0.186	U	0.194	U	0.169	U	0.172	U	0.202	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectiv

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 4
SVOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	26SB-1 (0-2) 26B0173-01 2/4/2026 Soil		26SB-1 (6-8) 26B0173-02 2/4/2026 Soil		26SB-1 (15-17) 26B0173-03 2/4/2026 Soil		26SB-2 (0-2) 26B0173-04 2/4/2026 Soil		26SB-2 (7-9) 26B0173-05 2/4/2026 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor				2		2		2		2		2	
1,1-Biphenyl	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
1,2,4,5-Tetrachlorobenzene	~	~	~	0.0928	U	0.0872	U	0.0896	U	0.0974	R	0.0903	U
1,2,4-Trichlorobenzene	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
1,2-Dichlorobenzene	1.1	100	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
1,3-Dichlorobenzene	2.6	38	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
1,4-Dichlorobenzene	1.8	24	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
2,3,4,6-Tetrachlorophenol	~	~	~	0.0928	U	0.0872	U	0.0896	U	0.0974	R	0.0903	U
2,4,5-Trichlorophenol	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
2,4,6-Trichlorophenol	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
2,4-Dichlorophenol	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
2,4-Dimethylphenol	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
2,4-Dinitrophenol	~	~	~	0.0928	R	0.0872	R	0.0896	R	0.0974	R	0.0903	U
2,4-Dinitrotoluene	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
2,6-Dinitrotoluene	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
2-Chloronaphthalene	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
2-Chlorophenol	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
2-Methylnaphthalene	~	~	~	0.0465	U	0.0437	U	0.0449	U	**0.985**	J-	0.0453	U
2-Methylphenol	0.33	100	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
2-Nitroaniline	~	~	~	0.0928	U	0.0872	U	0.0896	U	0.0974	R	0.0903	U
2-Nitrophenol	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
3- & 4-Methylphenols	0.33	100	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
3,3-Dichlorobenzidine	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
3-Nitroaniline	~	~	~	0.0928	U	0.0872	U	0.0896	U	0.0974	R	0.0903	U
4,6-Dinitro-2-methylphenol	~	~	~	0.0928	R	0.0872	R	0.0896	R	0.0974	R	0.0903	U
4-Bromophenyl phenyl ether	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
4-Chloro-3-methylphenol	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
4-Chloroaniline	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
4-Chlorophenyl phenyl ether	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
4-Nitroaniline	~	~	~	0.0928	U	0.0872	U	0.0896	U	0.0974	R	0.0903	U
4-Nitrophenol	~	~	~	0.0928	U	0.0872	U	0.0896	U	0.0974	R	0.0903	U
Acenaphthene	20	100	N/A	0.0465	U	0.0437	U	0.0449	U	**0.11**	J-	0.0453	U
Acenaphthylene	100	100	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Acetophenone	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Aniline	0.04	8.1	N/A	0.186	U	0.175	U	0.179	U	0.195	R	0.181	U
Anthracene	100	100	N/A	0.0465	U	0.0437	U	0.0449	U	**0.168**	J-	0.0453	U
Atrazine	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Benzaldehyde	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Benzidine	~	~	~	0.186	U	0.175	U	0.179	U	0.195	R	0.181	U
Benzo(a)anthracene	1	1.4	N/A	0.0465	U	0.0437	U	0.0449	U	**0.14**	J-	0.0453	U
Benzo(a)pyrene	1	1	N/A	**0.0465**	UJ	**0.0437**	UJ	**0.0449**	UJ	0.0488	R	0.0453	U
Benzo(b)fluoranthene	1	1.4	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Benzo(g,h,i)perylene	0.64	4.9	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Benzo(k)fluoranthene	0.8	4.9	N/A	**0.0465**	UJ	**0.0437**	UJ	**0.0449**	UJ	0.0488	R	0.0453	U
Benzoic acid	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	R
Benzyl alcohol	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Benzyl butyl phthalate	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Bis(2-chloroethoxy)methane	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Bis(2-chloroethyl)ether	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Bis(2-chloroisopropyl)ether	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Bis(2-ethylhexyl)phthalate	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Caprolactam	~	~	~	0.0928	U	0.0872	U	0.0896	U	0.0974	R	0.0903	U
Carbazole	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Chrysene	1	4.9	N/A	0.0465	U	0.0437	U	0.0449	U	**0.255**	J-	0.0453	U
Dibenzo(a,h)anthracene	0.33	0.33	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Dibenzofuran	2.1	18	N/A	0.0465	U	0.0437	U	0.0449	U	**0.0669**	J-	0.0453	U
Diethyl phthalate	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Dimethyl phthalate	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Di-n-butyl phthalate	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Di-n-octyl phthalate	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Fluoranthene	85	100	N/A	**0.0556**	JD	0.0437	U	0.0449	U	**0.0794**	J-	0.0453	U
Fluorene	30	100	N/A	0.0465	U	0.0437	U	0.0449	U	**0.216**	J-	0.0453	U
Hexachlorobenzene	0.33	0.33	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Hexachlorobutadiene	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Hexachlorocyclopentadiene	~	~	~	0.0465	R	0.0437	R	0.0449	R	0.0488	R	0.0453	U
Hexachloroethane	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Indeno(1,2,3-cd)pyrene	0.5	1.4	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Isophorone	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Naphthalene	12	100	N/A	0.0465	U	0.0437	U	0.0449	U	**0.339**	J-	0.0453	U
Nitrobenzene	0.08	1.8	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
N-Nitrosodimethylamine	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
N-nitroso-di-n-propylamine	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
N-Nitrosodiphenylamine	~	~	~	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Pentachlorophenol	0.8	1.3	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Phenanthrene	1.1	4.9	N/A	0.0465	U	0.0437	U	0.0449	U	**0.784**	J-	0.0453	U
Phenol	0.33	100	N/A	0.0465	U	0.0437	U	0.0449	U	0.0488	R	0.0453	U
Pyrene	64	100	N/A	0.0465	U	0.0437	U	0.0449	U	**0.245**	J-	0.0453	U
Pyridine	~	~	~	0.186	U	0.175	U	0.179	U	0.195	R	0.181	R

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 4
SVOCs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	26SB-2 (17-19) 26B0173-06 2/4/2026 Soil		26SB-4 (0-2) 26B0173-07 2/4/2026 Soil		26SB-4 (5-7) 26B0173-08 2/4/2026 Soil		26SB-4 (17-19) 26B0173-09 2/4/2026 Soil		Field Dup-020426 26B0173-11 2/4/2026 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor				2		2		2		2		2	
1,1-Biphenyl	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
1,2,4,5-Tetrachlorobenzene	~	~	~	0.0888	U	0.0939	U	0.0938	U	0.096	U	0.0964	U
1,2,4-Trichlorobenzene	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
1,2-Dichlorobenzene	1.1	100	N/A	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
1,3-Dichlorobenzene	2.6	38	N/A	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
1,4-Dichlorobenzene	1.8	24	N/A	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
2,3,4,6-Tetrachlorophenol	~	~	~	0.0888	U	0.0939	U	0.0938	U	**0.096**	UJ	0.0964	U
2,4,5-Trichlorophenol	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
2,4,6-Trichlorophenol	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
2,4-Dichlorophenol	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
2,4-Dimethylphenol	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	R	0.0483	U
2,4-Dinitrophenol	~	~	~	0.0888	U	0.0939	U	0.0938	U	0.096	R	0.0964	U
2,4-Dinitrotoluene	~	~	~	0.0445	U	0.0471	U	0.047	U	**0.0481**	UJ	0.0483	U
2,6-Dinitrotoluene	~	~	~	0.0445	U	0.0471	U	0.047	U	**0.0481**	UJ	0.0483	U
2-Chloronaphthalene	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
2-Chlorophenol	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
2-Methylnaphthalene	~	~	~	0.0445	U	0.0471	U	0.047	U	**0.056**	JD	0.0483	U
2-Methylphenol	0.33	100	N/A	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
2-Nitroaniline	~	~	~	0.0888	U	0.0939	U	0.0938	U	0.096	U	0.0964	U
2-Nitrophenol	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
3- & 4-Methylphenols	0.33	100	N/A	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
3,3-Dichlorobenzidine	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
3-Nitroaniline	~	~	~	0.0888	U	0.0939	U	0.0938	U	0.096	U	0.0964	U
4,6-Dinitro-2-methylphenol	~	~	~	0.0888	U	0.0939	U	0.0938	U	0.096	R	0.0964	U
4-Bromophenyl phenyl ether	~	~	~	0.0445	U	0.0471	U	0.047	U	**0.0481**	UJ	0.0483	U
4-Chloro-3-methylphenol	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
4-Chloroaniline	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
4-Chlorophenyl phenyl ether	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
4-Nitroaniline	~	~	~	0.0888	U	0.0939	U	0.0938	U	0.096	U	0.0964	U
4-Nitrophenol	~	~	~	0.0888	U	0.0939	U	0.0938	U	0.096	U	0.0964	U
Acenaphthene	20	100	N/A	0.0445	U	0.0471	U	0.047	U	**0.079**	J-	0.0483	U
Acenaphthylene	100	100	N/A	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Acetophenone	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Aniline	0.04	8.1	N/A	0.178	U	0.188	U	0.188	U	0.192	U	0.193	U
Anthracene	100	100	N/A	0.0445	U	0.0471	U	0.047	U	**0.183**	J-	0.0483	U
Atrazine	~	~	~	0.0445	U	0.0471	U	0.047	U	**0.0481**	UJ	0.0483	U
Benzaldehyde	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Benzidine	~	~	~	0.178	U	0.188	U	0.188	U	0.192	U	0.193	U
Benzo(a)anthracene	1	1.4	N/A	0.0445	U	0.0471	U	0.047	U	**0.312**	J-	0.0483	U
Benzo(a)pyrene	1	1	N/A	0.0445	U	0.0471	U	0.047	U	**0.292**	J-	0.0483	U
Benzo(b)fluoranthene	1	1.4	N/A	0.0445	U	0.0471	U	0.047	U	**0.239**	J-	0.0483	U
Benzo(g,h,i)perylene	0.64	4.9	N/A	0.0445	U	0.0471	U	0.047	U	**0.178**	J-	0.0483	U
Benzo(k)fluoranthene	0.8	4.9	N/A	0.0445	U	0.0471	U	0.047	U	**0.297**	J-	0.0483	U
Benzoic acid	~	~	~	0.0445	R	0.0471	R	0.047	R	0.0481	R	0.0483	R
Benzyl alcohol	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Benzyl butyl phthalate	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Bis(2-chloroethoxy)methane	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Bis(2-chloroethyl)ether	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Bis(2-chloroisopropyl)ether	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Bis(2-ethylhexyl)phthalate	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Caprolactam	~	~	~	0.0888	U	0.0939	U	0.0938	U	0.096	U	0.0964	U
Carbazole	~	~	~	0.0445	U	0.0471	U	0.047	U	**0.0706**	J-	0.0483	U
Chrysene	1	4.9	N/A	0.0445	U	0.0471	U	0.047	U	**0.343**	J-	0.0483	U
Dibenzo(a,h)anthracene	0.33	0.33	N/A	0.0445	U	0.0471	U	0.047	U	**0.0491**	JD	0.0483	U
Dibenzofuran	2.1	18	N/A	0.0445	U	0.0471	U	0.047	U	**0.0706**	J-	0.0483	U
Diethyl phthalate	~	~	~	0.0445	U	0.0471	U	0.047	U	**0.0481**	UJ	0.0483	U
Dimethyl phthalate	~	~	~	0.0445	U	0.0471	U	0.047	U	**0.0481**	UJ	0.0483	U
Di-n-butyl phthalate	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	R	0.0483	U
Di-n-octyl phthalate	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Fluoranthene	85	100	N/A	0.0445	U	0.0471	U	0.047	U	**0.65**	J-	0.0483	U
Fluorene	30	100	N/A	0.0445	U	0.0471	U	0.047	U	**0.056**	JD	0.0483	U
Hexachlorobenzene	0.33	0.33	N/A	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Hexachlorobutadiene	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Hexachlorocyclopentadiene	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	R	0.0483	U
Hexachloroethane	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Indeno(1,2,3-cd)pyrene	0.5	1.4	N/A	0.0445	U	0.0471	U	0.047	U	**0.141**	J-	0.0483	U
Isophorone	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Naphthalene	12	100	N/A	0.0445	U	0.0471	U	0.047	U	**0.0798**	J-	0.0483	U
Nitrobenzene	0.08	1.8	N/A	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
N-Nitrosodimethylamine	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
N-nitroso-di-n-propylamine	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
N-Nitrosodiphenylamine	~	~	~	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Pentachlorophenol	0.8	1.3	N/A	0.0445	U	0.0471	U	0.047	U	0.0481	R	0.0483	U
Phenanthrene	1.1	4.9	N/A	0.0445	U	0.0471	U	0.047	U	**0.859**	J-	0.0483	U
Phenol	0.33	100	N/A	0.0445	U	0.0471	U	0.047	U	0.0481	U	0.0483	U
Pyrene	64	100	N/A	0.0445	U	0.0471	U	0.047	U	**0.832**	J-	0.0483	U
Pyridine	~	~	~	0.178	R	0.188	R	0.188	R	0.192	U	0.193	R

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be
present in the sample. Supporting data or information is necessary to confirm the
result.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 5
Pesticides in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-1 (0-2) 25E0288-04 5/6/2025 Soil		25SB-1 (2-4) 25E0288-05 5/6/2025 Soil		25SB-1 (11-13) 25E0288-06 5/6/2025 Soil		25SB-2 (0-2) 25E0127-02 5/2/2025 Soil		25-SB-DUP-1(0-2) 25E0127-01 5/2/2025 Soil		25SB-2 (5-7) 25E0127-03 5/2/2025 Soil		25SB-2 (12.5-14.5) 25E0127-04 5/2/2025 Soil	
Compound	**CAS Number**	ppm	ppm	ppm	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER					ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	5	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
4,4'-DDE	72-55-9	0.0033	3.4	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
4,4'-DDT	50-29-3	0.0033	3.8	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
Aldrin	309-00-2	0.0048	0.044	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
alpha-BHC	319-84-6	0.02	0.18	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
alpha-Chlordane	5103-71-9	0.014	0.65	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
beta-BHC	319-85-7	0.021	0.18	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
Chlordane, total	57-74-9	~	~	~	0.034	U	0.0334	U	0.0339	U	NT		NT		NT		NT	
delta-BHC	319-86-8	0.04	100	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
Dieldrin	60-57-1	0.005	0.075	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
Endosulfan I	959-98-8	4.3	35	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
Endosulfan II	33213-65-9	4.3	35	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
Endosulfan sulfate	1031-07-8	4.3	35	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
Endrin	72-20-8	0.014	5.3	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
Endrin aldehyde	7421-93-4	~	~	~	0.0017	U	0.00167	U	0.00169	U	NT		NT		NT		NT	
Endrin ketone	53494-70-5	~	~	~	0.0017	U	0.00167	U	0.00169	U	NT		NT		NT		NT	
gamma-BHC (Lindane)	58-89-9	0.025	0.21	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
gamma-Chlordane	5566-34-7	~	~	~	0.0017	U	0.00167	U	0.00169	U	NT		NT		NT		NT	
Heptachlor	76-44-8	0.013	0.53	N/A	0.0017	U	0.00167	U	0.00169	U	0.00182	U	0.00182	U	0.00173	U	0.00183	U
Heptachlor epoxide	1024-57-3	~	~	~	0.0017	U	0.00167	U	0.00169	U	NT		NT		NT		NT	
Methoxychlor	72-43-5	~	~	~	0.0017	U	0.00167	U	0.00169	U	NT		NT		NT		NT	
Toxaphene	8001-35-2	~	~	~	0.17	U	0.167	U	0.169	U	NT		NT		NT		NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 5
Pesticides in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-3 (0-2) 25E0288-15 5/6/2025 Soil		25SB-3 (4-6) 25E0288-16 5/6/2025 Soil		25SB-3 (11-13) 25E0288-17 5/6/2025 Soil		25SB-4 (0-2) 25E0127-05 5/2/2025 Soil		25SB-4 (3-5) 25E0127-06 5/2/2025 Soil		25SB-4 (11-13) 25E0127-07 5/2/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	5	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
4,4'-DDE	72-55-9	0.0033	3.4	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
4,4'-DDT	50-29-3	0.0033	3.8	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
Aldrin	309-00-2	0.0048	0.044	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
alpha-BHC	319-84-6	0.02	0.18	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
alpha-Chlordane	5103-71-9	0.014	0.65	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
beta-BHC	319-85-7	0.021	0.18	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
Chlordane, total	57-74-9	~	~	~	0.0348	U	0.0358	U	0.0372	U	NT		NT		NT	
delta-BHC	319-86-8	0.04	100	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
Dieldrin	60-57-1	0.005	0.075	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
Endosulfan I	959-98-8	4.3	35	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
Endosulfan II	33213-65-9	4.3	35	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
Endosulfan sulfate	1031-07-8	4.3	35	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
Endrin	72-20-8	0.014	5.3	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
Endrin aldehyde	7421-93-4	~	~	~	0.00174	U	0.00179	U	0.00186	U	NT		NT		NT	
Endrin ketone	53494-70-5	~	~	~	0.00174	U	0.00179	U	0.00186	U	NT		NT		NT	
gamma-BHC (Lindane)	58-89-9	0.025	0.21	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
gamma-Chlordane	5566-34-7	~	~	~	0.00174	U	0.00179	U	0.00186	U	NT		NT		NT	
Heptachlor	76-44-8	0.013	0.53	N/A	0.00174	U	0.00179	U	0.00186	U	0.0018	U	0.00183	U	0.0019	U
Heptachlor epoxide	1024-57-3	~	~	~	0.00174	U	0.00179	U	0.00186	U	NT		NT		NT	
Methoxychlor	72-43-5	~	~	~	0.00174	U	0.00179	U	0.00186	U	NT		NT		NT	
Toxaphene	8001-35-2	~	~	~	0.174	U	0.179	U	0.186	U	NT		NT		NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 5
Pesticides in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-5 (0-2) 25E0212-15 5/5/2025 Soil		25SB-5 (3-5) 25E0212-16 5/5/2025 Soil		25SB-5 (11-13) 25E0212-17 5/5/2025 Soil		25SB-DUP-2 (11-13) 25E0212-18 5/5/2025 Soil		25SB-6 (0-2) 25E0212-10 5/5/2025 Soil		25SB-6 (3-5) 25E0212-11 5/5/2025 Soil		25SB-6 (11.5-13.5) 25E0212-12 5/5/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	5	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
4,4'-DDE	72-55-9	0.0033	3.4	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
4,4'-DDT	50-29-3	0.0033	3.8	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Aldrin	309-00-2	0.0048	0.044	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
alpha-BHC	319-84-6	0.02	0.18	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
alpha-Chlordane	5103-71-9	0.014	0.65	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
beta-BHC	319-85-7	0.021	0.18	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Chlordane, total	57-74-9	~	~	~	0.034	U	0.0347	U	0.0387	U	0.0381	U	0.0337	U	0.036	U	0.0369	U
delta-BHC	319-86-8	0.04	100	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Dieldrin	60-57-1	0.005	0.075	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Endosulfan I	959-98-8	4.3	35	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Endosulfan II	33213-65-9	4.3	35	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Endosulfan sulfate	1031-07-8	4.3	35	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Endrin	72-20-8	0.014	5.3	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Endrin aldehyde	7421-93-4	~	~	~	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Endrin ketone	53494-70-5	~	~	~	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
gamma-BHC (Lindane)	58-89-9	0.025	0.21	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
gamma-Chlordane	5566-34-7	~	~	~	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Heptachlor	76-44-8	0.013	0.53	N/A	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Heptachlor epoxide	1024-57-3	~	~	~	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Methoxychlor	72-43-5	~	~	~	0.0017	U	0.00173	U	0.00193	U	0.00191	U	0.00169	U	0.0018	U	0.00184	U
Toxaphene	8001-35-2	~	~	~	0.17	U	0.173	U	0.193	U	0.191	U	0.169	U	0.18	U	0.184	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 5
Pesticides in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-7 (0-2) 25E0288-12 5/6/2025 Soil		25SB-7 (3-5) 25E0288-13 5/6/2025 Soil		25SB-7 (6-8) 25E0288-14 5/6/2025 Soil		25SB-8 (0-2) 25E0288-18 5/6/2025 Soil		25SB-DUP-3 (0-2) 25E0288-21 5/6/2025 Soil		25SB-8 (3-5) 25E0288-19 5/6/2025 Soil		25SB-8 (12.5-14.5) 25E0288-20 5/6/2025 Soil	
Compound	**CAS Number**	ppm	ppm	ppm	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER					ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	5	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
4,4'-DDE	72-55-9	0.0033	3.4	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
4,4'-DDT	50-29-3	0.0033	3.8	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Aldrin	309-00-2	0.0048	0.044	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
alpha-BHC	319-84-6	0.02	0.18	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
alpha-Chlordane	5103-71-9	0.014	0.65	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
beta-BHC	319-85-7	0.021	0.18	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Chlordane, total	57-74-9	~	~	~	0.0352	U	0.0362	U	0.0366	U	0.0339	U	0.0344	U	0.0336	U	0.0337	U
delta-BHC	319-86-8	0.04	100	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Dieldrin	60-57-1	0.005	0.075	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Endosulfan I	959-98-8	4.3	35	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Endosulfan II	33213-65-9	4.3	35	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Endosulfan sulfate	1031-07-8	4.3	35	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Endrin	72-20-8	0.014	5.3	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Endrin aldehyde	7421-93-4	~	~	~	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Endrin ketone	53494-70-5	~	~	~	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
gamma-BHC (Lindane)	58-89-9	0.025	0.21	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
gamma-Chlordane	5566-34-7	~	~	~	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Heptachlor	76-44-8	0.013	0.53	N/A	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Heptachlor epoxide	1024-57-3	~	~	~	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Methoxychlor	72-43-5	~	~	~	0.00176	U	0.00181	U	0.00183	U	0.0017	U	0.00172	U	0.00168	U	0.00168	U
Toxaphene	8001-35-2	~	~	~	0.176	U	0.181	U	0.183	U	0.17	U	0.172	U	0.168	U	0.168	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 5
Pesticides in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-9 (0-2) 25E0212-07 5/5/2025 Soil		25SB-9 (2-4) 25E0212-08 5/5/2025 Soil		25SB-9 (12-14) 25E0212-09 5/5/2025 Soil		25SB-10 (0-2) 25E0127-08 5/2/2025 Soil		25SB-10 (2-4) 25E0127-09 5/2/2025 Soil		25SB-10 (11-13) 25E0127-10 5/2/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	5	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
4,4'-DDE	72-55-9	0.0033	3.4	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
4,4'-DDT	50-29-3	0.0033	3.8	N/A	0.00184	U	0.00176	U	0.00195	U	**0.00487**	D	0.00174	U	0.00177	U
Aldrin	309-00-2	0.0048	0.044	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
alpha-BHC	319-84-6	0.02	0.18	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
alpha-Chlordane	5103-71-9	0.014	0.65	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
beta-BHC	319-85-7	0.021	0.18	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
Chlordane, total	57-74-9	~	~	~	0.0367	U	0.0353	U	0.0391	U	NT		NT		NT	
delta-BHC	319-86-8	0.04	100	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
Dieldrin	60-57-1	0.005	0.075	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
Endosulfan I	959-98-8	4.3	35	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
Endosulfan II	33213-65-9	4.3	35	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
Endosulfan sulfate	1031-07-8	4.3	35	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
Endrin	72-20-8	0.014	5.3	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
Endrin aldehyde	7421-93-4	~	~	~	0.00184	U	0.00176	U	0.00195	U	NT		NT		NT	
Endrin ketone	53494-70-5	~	~	~	0.00184	U	0.00176	U	0.00195	U	NT		NT		NT	
gamma-BHC (Lindane)	58-89-9	0.025	0.21	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
gamma-Chlordane	5566-34-7	~	~	~	0.00184	U	0.00176	U	0.00195	U	NT		NT		NT	
Heptachlor	76-44-8	0.013	0.53	N/A	0.00184	U	0.00176	U	0.00195	U	0.00176	U	0.00174	U	0.00177	U
Heptachlor epoxide	1024-57-3	~	~	~	0.00184	U	0.00176	U	0.00195	U	NT		NT		NT	
Methoxychlor	72-43-5	~	~	~	0.00184	U	0.00176	U	0.00195	U	NT		NT		NT	
Toxaphene	8001-35-2	~	~	~	0.184	U	0.176	U	0.195	U	NT		NT		NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 5
Pesticides in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-11 (0-1.5) 25E0288-10 5/6/2025 Soil		25SB-12 (0-2) 25E0212-01 5/5/2025 Soil		25SB-12 (3-5) 25E0212-02 5/5/2025 Soil		25SB-12 (11-13) 25E0212-03 5/5/2025 Soil		25SB-13 (0-2) 25E0212-04 5/5/2025 Soil		25SB-13 (3-5) 25E0212-05 5/5/2025 Soil		25SB-13 (13-15) 25E0212-06 5/5/2025 Soil	
Compound	**CAS Number**	ppm	ppm	ppm	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER					ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	5	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
4,4'-DDE	72-55-9	0.0033	3.4	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
4,4'-DDT	50-29-3	0.0033	3.8	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Aldrin	309-00-2	0.0048	0.044	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
alpha-BHC	319-84-6	0.02	0.18	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
alpha-Chlordane	5103-71-9	0.014	0.65	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
beta-BHC	319-85-7	0.021	0.18	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Chlordane, total	57-74-9	~	~	~	0.0374	U	0.0357	U	0.0358	U	0.0391	U	0.0335	U	0.0395	U	0.0351	U
delta-BHC	319-86-8	0.04	100	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Dieldrin	60-57-1	0.005	0.075	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Endosulfan I	959-98-8	4.3	35	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Endosulfan II	33213-65-9	4.3	35	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Endosulfan sulfate	1031-07-8	4.3	35	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Endrin	72-20-8	0.014	5.3	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Endrin aldehyde	7421-93-4	~	~	~	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Endrin ketone	53494-70-5	~	~	~	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
gamma-BHC (Lindane)	58-89-9	0.025	0.21	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
gamma-Chlordane	5566-34-7	~	~	~	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Heptachlor	76-44-8	0.013	0.53	N/A	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Heptachlor epoxide	1024-57-3	~	~	~	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Methoxychlor	72-43-5	~	~	~	0.00187	U	0.00179	U	0.00179	U	0.00195	U	0.00168	U	0.00197	U	0.00176	U
Toxaphene	8001-35-2	~	~	~	0.187	U	0.179	U	0.179	U	0.195	U	0.168	U	0.197	U	0.176	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 5
Pesticides in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-14 (0-2) 25E0288-07 5/6/2025 Soil		25SB-14 (4-6) 25E0288-08 5/6/2025 Soil		25SB-14 (10-12) 25E0288-09 5/6/2025 Soil		25SB-15 (0-2) 25E0288-01 5/6/2025 Soil		25SB-15 (4-6) 25E0288-02 5/6/2025 Soil		25SB-15 (10-12) 25E0288-03 5/6/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	5	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
4,4'-DDE	72-55-9	0.0033	3.4	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
4,4'-DDT	50-29-3	0.0033	3.8	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Aldrin	309-00-2	0.0048	0.044	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
alpha-BHC	319-84-6	0.02	0.18	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
alpha-Chlordane	5103-71-9	0.014	0.65	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
beta-BHC	319-85-7	0.021	0.18	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.0341	U	0.0372	U	0.0389	U	0.0333	U	0.0341	U	0.0399	U
delta-BHC	319-86-8	0.04	100	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Dieldrin	60-57-1	0.005	0.075	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Endosulfan I	959-98-8	4.3	35	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Endosulfan II	33213-65-9	4.3	35	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Endosulfan sulfate	1031-07-8	4.3	35	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Endrin	72-20-8	0.014	5.3	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.025	0.21	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Heptachlor	76-44-8	0.013	0.53	N/A	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.00171	U	0.00186	U	0.00195	U	0.00167	U	0.0017	U	0.002	U
Toxaphene	8001-35-2	~	~	~	0.171	U	0.186	U	0.195	U	0.167	U	0.17	U	0.2	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 5
Pesticides in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	26SB-1 (0-2) 26B0173-01 2/4/2026 Soil		26SB-1 (6-8) 26B0173-02 2/4/2026 Soil		26SB-1 (15-17) 26B0173-03 2/4/2026 Soil		26SB-2 (0-2) 26B0173-04 2/4/2026 Soil		26SB-2 (7-9) 26B0173-05 2/4/2026 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor				5		5		5		100		5	
4,4'-DDD	0.0033	5	N/A	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
4,4'-DDE	0.0033	3.4	N/A	0.00184	U	0.00173	U	0.00178	U	NT		**0.00206**	D
4,4'-DDE [2C]	0.0033	3.4	N/A	NT		NT		NT		**0.0392**	JN	NT	
4,4'-DDT	0.0033	3.8	N/A	0.00184	U	NT		0.00178	U	0.00193	U	0.00178	U
4,4'-DDT [2C]	0.0033	3.8	N/A	NT		**0.00387**	D	NT		NT		NT	
Aldrin	0.0048	0.044	N/A	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
alpha-BHC	0.02	0.18	N/A	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
alpha-Chlordane	0.014	0.65	N/A	0.00184	U	0.00173	U	0.00178	U	**4.24**	D	NT	
alpha-Chlordane [2C]	0.014	0.65	N/A	NT		NT		NT		NT		**0.0889**	D
beta-BHC	0.021	0.18	N/A	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
Chlordane, total	~	~	~	0.0367	U	0.0345	U	0.0356	U	**55**	D	NT	
Chlordane, total [2C]	~	~	~	NT		NT		NT		NT		**0.802**	J-
delta-BHC	0.04	100	N/A	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
Dieldrin	0.005	0.075	N/A	0.00184	U	NT		0.00178	U	0.00193	U	0.00178	U
Dieldrin [2C]	0.005	0.075	N/A	NT		0.00173	U	NT		NT		NT	
Endosulfan I	4.3	35	N/A	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
Endosulfan II	4.3	35	N/A	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
Endosulfan sulfate	4.3	35	N/A	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
Endrin	0.014	5.3	N/A	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
Endrin aldehyde	~	~	~	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
Endrin ketone	~	~	~	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
gamma-BHC (Lindane)	0.025	0.21	N/A	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
gamma-Chlordane	~	~	~	0.00184	U	0.00173	U	0.00178	U	**5.49**	D	NT	
gamma-Chlordane [2C]	~	~	~	NT		NT		NT		NT		**0.0981**	D
Heptachlor	0.013	0.53	N/A	0.00184	U	0.00173	U	0.00178	U	**1.37**	D	**0.0274**	D
Heptachlor epoxide	~	~	~	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
Methoxychlor	~	~	~	0.00184	U	0.00173	U	0.00178	U	0.00193	U	0.00178	U
Toxaphene	~	~	~	0.184	U	0.173	U	0.178	U	0.193	U	0.178	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are above Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are above Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U= Analyte not detected at or above the level indicated
J-= Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
~=this indicates that no regulatory limit has been established for this analyte
N = Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
NT= Not Taken
N/A= Not Applicable
ppm= parts per million

Table 5
Pesticides in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	26SB-2 (17-19) 26B0173-06 2/4/2026 Soil		26SB-4 (0-2) 26B0173-07 2/4/2026 Soil		26SB-4 (5-7) 26B0173-08 2/4/2026 Soil		26SB-4 (17-19) 26B0173-09 2/4/2026 Soil		Field Dup-020426 26B0173-11 2/4/2026 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor				5		5		5		5		5	
4,4'-DDD	0.0033	5	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
4,4'-DDE	0.0033	3.4	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
4,4'-DDE [2C]	0.0033	3.4	N/A	NT		NT		NT		NT		NT	
4,4'-DDT	0.0033	3.8	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
4,4'-DDT [2C]	0.0033	3.8	N/A	NT		NT		NT		NT		NT	
Aldrin	0.0048	0.044	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
alpha-BHC	0.02	0.18	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
alpha-Chlordane	0.014	0.65	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
alpha-Chlordane [2C]	0.014	0.65	N/A	NT		NT		NT		NT		NT	
beta-BHC	0.021	0.18	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
Chlordane, total	~	~	~	0.0351	U	0.0372	R	0.0364	U	0.038	U	0.0379	U
Chlordane, total [2C]	~	~	~	NT		NT		NT		NT		NT	
delta-BHC	0.04	100	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
Dieldrin	0.005	0.075	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
Dieldrin [2C]	0.005	0.075	N/A	NT		NT		NT		NT		NT	
Endosulfan I	4.3	35	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
Endosulfan II	4.3	35	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
Endosulfan sulfate	4.3	35	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
Endrin	0.014	5.3	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
Endrin aldehyde	~	~	~	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
Endrin ketone	~	~	~	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
gamma-BHC (Lindane)	0.025	0.21	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
gamma-Chlordane	~	~	~	NT		0.00186	R	0.00182	U	0.0019	U	0.0019	U
gamma-Chlordane [2C]	~	~	~	0.00176	U	NT		NT		NT		NT	
Heptachlor	0.013	0.53	N/A	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
Heptachlor epoxide	~	~	~	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
Methoxychlor	~	~	~	0.00176	U	0.00186	R	0.00182	U	0.0019	U	0.0019	U
Toxaphene	~	~	~	0.176	U	0.186	R	0.182	U	0.19	U	0.19	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are above Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are above Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U= Analyte not detected at or above the level indicated
J-= Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
~=this indicates that no regulatory limit has been established for this analyte
N = Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
NT= Not Taken
N/A= Not Applicable
ppm= parts per million

Table 6
PCBs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-1 (0-2) 25E0288-04 5/6/2025 Soil		25SB-1 (2-4) 25E0288-05 5/6/2025 Soil		25SB-1 (11-13) 25E0288-06 5/6/2025 Soil		25SB-2 (0-2) 25E0127-02 5/2/2025 Soil		25-SB-DUP-1(0-2) 25E0127-01 5/2/2025 Soil		25SB-2 (5-7) 25E0127-03 5/2/2025 Soil		25SB-2 (12.5-14.5) 25E0127-04 5/2/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	**0.0172**	UJ	0.0169	U	0.0171	U	0.0183	U	0.0183	U	0.0174	U	0.0184	U
Aroclor 1221	11104-28-2	~	~	~	0.0172	U	0.0169	U	0.0171	U	0.0183	U	0.0183	U	0.0174	U	0.0184	U
Aroclor 1232	11141-16-5	~	~	~	0.0172	U	0.0169	U	0.0171	U	0.0183	U	0.0183	U	0.0174	U	0.0184	U
Aroclor 1242	53469-21-9	~	~	~	0.0172	U	0.0169	U	0.0171	U	0.0183	U	0.0183	U	0.0174	U	0.0184	U
Aroclor 1248	12672-29-6	~	~	~	0.0172	U	0.0169	U	0.0171	U	0.0183	U	0.0183	U	0.0174	U	0.0184	U
Aroclor 1254	11097-69-1	~	~	~	0.0172	U	0.0169	U	0.0171	U	0.0183	U	0.0183	U	0.0174	U	0.0184	U
Aroclor 1260	11096-82-5	~	~	~	0.0172	U	0.0169	U	0.0171	U	0.0183	U	0.0183	U	0.0174	U	0.0184	U
Aroclor 1262	37324-23-5	~	~	~	NT		NT		NT		NT		NT		NT		NT	
Total PCBs	1336-36-3	0.1	1	N/A	0.0172	U	0.0169	U	0.0171	U	0.0183	U	0.0183	U	0.0174	U	0.0184	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 6
PCBs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-3 (0-2) 25E0288-15 5/6/2025 Soil		25SB-3 (4-6) 25E0288-16 5/6/2025 Soil		25SB-3 (11-13) 25E0288-17 5/6/2025 Soil		25SB-4 (0-2) 25E0127-05 5/2/2025 Soil		25SB-4 (3-5) 25E0127-06 5/2/2025 Soil		25SB-4 (11-13) 25E0127-07 5/2/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.0176	U	0.018	U	0.0188	U	0.0182	U	0.0185	U	0.0192	U
Aroclor 1221	11104-28-2	~	~	~	0.0176	U	0.018	U	0.0188	U	0.0182	U	0.0185	U	0.0192	U
Aroclor 1232	11141-16-5	~	~	~	0.0176	U	0.018	U	0.0188	U	0.0182	U	0.0185	U	0.0192	U
Aroclor 1242	53469-21-9	~	~	~	0.0176	U	0.018	U	0.0188	U	0.0182	U	0.0185	U	0.0192	U
Aroclor 1248	12672-29-6	~	~	~	0.0176	U	0.018	U	0.0188	U	0.0182	U	0.0185	U	0.0192	U
Aroclor 1254	11097-69-1	~	~	~	0.0176	U	0.018	U	0.0188	U	0.0182	U	0.0185	U	0.0192	U
Aroclor 1260	11096-82-5	~	~	~	0.0176	U	0.018	U	0.0188	U	0.0182	U	0.0185	U	0.0192	U
Aroclor 1262	37324-23-5	~	~	~	NT		NT		NT		NT		NT		NT	
Total PCBs	1336-36-3	0.1	1	N/A	0.0176	U	0.018	U	0.0188	U	0.0182	U	0.0185	U	0.0192	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 6
PCBs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-5 (0-2) 25E0212-15 5/5/2025 Soil		25SB-5 (3-5) 25E0212-16 5/5/2025 Soil		25SB-5 (11-13) 25E0212-17 5/5/2025 Soil		25SB-DUP-2 (11-13) 25E0212-18 5/5/2025 Soil		25SB-6 (0-2) 25E0212-10 5/5/2025 Soil		25SB-6 (3-5) 25E0212-11 5/5/2025 Soil		25SB-6 (11.5-13.5) 25E0212-12 5/5/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.0172	U	0.0175	U	0.0195	U	0.0192	U	0.017	U	0.0182	U	0.0186	U
Aroclor 1221	11104-28-2	~	~	~	0.0172	U	0.0175	U	0.0195	U	0.0192	U	0.017	U	0.0182	U	0.0186	U
Aroclor 1232	11141-16-5	~	~	~	0.0172	U	0.0175	U	0.0195	U	0.0192	U	0.017	U	0.0182	U	0.0186	U
Aroclor 1242	53469-21-9	~	~	~	0.0172	U	0.0175	U	0.0195	U	0.0192	U	0.017	U	0.0182	U	0.0186	U
Aroclor 1248	12672-29-6	~	~	~	0.0172	U	0.0175	U	0.0195	U	0.0192	U	0.017	U	0.0182	U	0.0186	U
Aroclor 1254	11097-69-1	~	~	~	0.0172	U	0.0175	U	0.0195	U	0.0192	U	0.017	U	0.0182	U	0.0186	U
Aroclor 1260	11096-82-5	~	~	~	0.0172	U	0.0175	U	0.0195	U	0.0192	U	0.017	U	0.0182	U	0.0186	U
Aroclor 1262	37324-23-5	~	~	~	NT		NT		NT		NT		NT		NT		NT	
Total PCBs	1336-36-3	0.1	1	N/A	0.0172	U	0.0175	U	0.0195	U	0.0192	U	0.017	U	0.0182	U	0.0186	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 6
PCBs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-7 (0-2) 25E0288-12 5/6/2025 Soil		25SB-7 (3-5) 25E0288-13 5/6/2025 Soil		25SB-7 (6-8) 25E0288-14 5/6/2025 Soil		25SB-8 (0-2) 25E0288-18 5/6/2025 Soil		25SB-DUP-3 (0-2) 25E0288-21 5/6/2025 Soil		25SB-8 (3-5) 25E0288-19 5/6/2025 Soil		25SB-8 (12.5-14.5) 25E0288-20 5/6/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.0178	U	0.0183	U	0.0185	U	0.0171	U	0.0174	U	0.017	U	0.017	U
Aroclor 1221	11104-28-2	~	~	~	0.0178	U	0.0183	U	0.0185	U	0.0171	U	0.0174	U	0.017	U	0.017	U
Aroclor 1232	11141-16-5	~	~	~	0.0178	U	0.0183	U	0.0185	U	0.0171	U	0.0174	U	0.017	U	0.017	U
Aroclor 1242	53469-21-9	~	~	~	0.0178	U	0.0183	U	0.0185	U	0.0171	U	0.0174	U	0.017	U	0.017	U
Aroclor 1248	12672-29-6	~	~	~	0.0178	U	0.0183	U	0.0185	U	0.0171	U	0.0174	U	0.017	U	0.017	U
Aroclor 1254	11097-69-1	~	~	~	0.0178	U	0.0183	U	0.0185	U	0.0171	U	0.0174	U	0.017	U	0.017	U
Aroclor 1260	11096-82-5	~	~	~	0.0178	U	0.0183	U	0.0185	U	0.0171	U	0.0174	U	0.017	U	0.017	U
Aroclor 1262	37324-23-5	~	~	~	NT		NT		NT		NT		NT		NT		NT	
Total PCBs	1336-36-3	0.1	1	N/A	0.0178	U	0.0183	U	0.0185	U	0.0171	U	0.0174	U	0.017	U	0.017	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 6
PCBs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-9 (0-2) 25E0212-07 5/5/2025 Soil		25SB-9 (2-4) 25E0212-08 5/5/2025 Soil		25SB-9 (12-14) 25E0212-09 5/5/2025 Soil		25SB-10 (0-2) 25E0127-08 5/2/2025 Soil		25SB-10 (2-4) 25E0127-09 5/2/2025 Soil		25SB-10 (11-13) 25E0127-10 5/2/2025 Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.0185	U	0.0178	U	0.0197	U	0.0178	U	0.0176	UJ	0.0179	U
Aroclor 1221	11104-28-2	~	~	~	0.0185	U	0.0178	U	0.0197	U	0.0178	U	0.0176	U	0.0179	U
Aroclor 1232	11141-16-5	~	~	~	0.0185	U	0.0178	U	0.0197	U	0.0178	U	0.0176	U	0.0179	U
Aroclor 1242	53469-21-9	~	~	~	0.0185	U	0.0178	U	0.0197	U	0.0178	U	0.0176	U	0.0179	U
Aroclor 1248	12672-29-6	~	~	~	0.0185	U	0.0178	U	0.0197	U	0.0178	U	0.0176	U	0.0179	U
Aroclor 1254	11097-69-1	~	~	~	0.0185	U	0.0178	U	0.0197	U	0.0178	U	0.0176	U	0.0179	U
Aroclor 1260	11096-82-5	~	~	~	0.0185	U	0.0178	U	0.0197	U	0.0178	U	0.0176	U	0.0179	U
Aroclor 1262	37324-23-5	~	~	~	NT		NT		NT		**0.0543**		NT		NT	
Total PCBs	1336-36-3	0.1	1	N/A	0.0185	U	0.0178	U	0.0197	U	**0.0543**		0.0176	U	0.0179	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 6
PCBs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-11 (0-1.5) 25E0288-10 5/6/2025 Soil		25SB-12 (0-2) 25E0212-01 5/5/2025 Soil		25SB-12 (3-5) 25E0212-02 5/5/2025 Soil		25SB-12 (11-13) 25E0212-03 5/5/2025 Soil		25SB-13 (0-2) 25E0212-04 5/5/2025 Soil		25SB-13 (3-5) 25E0212-05 5/5/2025 Soil		25SB-13 (13-15) 25E0212-06 5/5/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.0189	U	0.018	U	0.0181	U	0.0197	U	0.0167	U	0.0197	U	0.0177	U
Aroclor 1221	11104-28-2	~	~	~	0.0189	U	0.018	U	0.0181	U	0.0197	U	0.0167	U	0.0197	U	0.0177	U
Aroclor 1232	11141-16-5	~	~	~	0.0189	U	0.018	U	0.0181	U	0.0197	U	0.0167	U	0.0197	U	0.0177	U
Aroclor 1242	53469-21-9	~	~	~	0.0189	U	0.018	U	0.0181	U	0.0197	U	0.0167	U	0.0197	U	0.0177	U
Aroclor 1248	12672-29-6	~	~	~	0.0189	U	0.018	U	0.0181	U	0.0197	U	0.0167	U	0.0197	U	0.0177	U
Aroclor 1254	11097-69-1	~	~	~	0.0189	U	0.018	U	0.0181	U	0.0197	U	0.0167	U	0.0197	U	0.0177	U
Aroclor 1260	11096-82-5	~	~	~	0.0189	U	0.018	U	0.0181	U	0.0197	U	0.0167	U	0.0197	U	0.0177	U
Aroclor 1262	37324-23-5	~	~	~	NT		NT		NT		NT		NT		NT		NT	
Total PCBs	1336-36-3	0.1	1	N/A	0.0189	U	0.018	U	0.0181	U	0.0197	U	0.0167	U	0.0197	U	0.0177	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 6
PCBs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	25SB-14 (0-2) 25E0288-07 5/6/2025 Soil		25SB-14 (4-6) 25E0288-08 5/6/2025 Soil		25SB-14 (10-12) 25E0288-09 5/6/2025 Soil		25SB-15 (0-2) 25E0288-01 5/6/2025 Soil		25SB-15 (4-6) 25E0288-02 5/6/2025 Soil		25SB-15 (10-12) 25E0288-03 5/6/2025 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.0172	U	0.0188	U	0.0197	U	0.0168	U	0.0172	U	0.0201	U
Aroclor 1221	11104-28-2	~	~	~	0.0172	U	0.0188	U	0.0197	U	0.0168	U	0.0172	U	0.0201	U
Aroclor 1232	11141-16-5	~	~	~	0.0172	U	0.0188	U	0.0197	U	0.0168	U	0.0172	U	0.0201	U
Aroclor 1242	53469-21-9	~	~	~	0.0172	U	0.0188	U	0.0197	U	0.0168	U	0.0172	U	0.0201	U
Aroclor 1248	12672-29-6	~	~	~	0.0172	U	0.0188	U	0.0197	U	0.0168	U	0.0172	U	0.0201	U
Aroclor 1254	11097-69-1	~	~	~	0.0172	U	0.0188	U	0.0197	U	0.0168	U	0.0172	U	0.0201	U
Aroclor 1260	11096-82-5	~	~	~	0.0172	U	0.0188	U	0.0197	U	0.0168	U	0.0172	U	0.0201	U
Aroclor 1262	37324-23-5	~	~	~	0.0198		NT		NT		NT		NT		NT	
Total PCBs	1336-36-3	0.1	1	N/A	0.0198		0.0188	U	0.0197	U	0.0168	U	0.0172	U	0.0201	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 6
PCBs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	26SB-1 (0-2) 26B0173-01 2/4/2026 Soil		26SB-1 (6-8) 26B0173-02 2/4/2026 Soil		26SB-1 (15-17) 26B0173-03 2/4/2026 Soil		26SB-2 (0-2) 26B0173-04 2/4/2026 Soil		26SB-2 (7-9) 26B0173-05 2/4/2026 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor				1		1		1		1		1	
Aroclor 1016	~	~	~	0.0185	U	0.0174	U	0.018	U	0.0195	U	0.018	U
Aroclor 1221	~	~	~	0.0185	U	0.0174	U	0.018	U	0.0195	U	0.018	U
Aroclor 1232	~	~	~	0.0185	U	0.0174	U	0.018	U	0.0195	U	0.018	U
Aroclor 1242	~	~	~	0.0185	U	0.0174	U	0.018	U	0.0195	U	0.018	U
Aroclor 1248	~	~	~	0.0185	U	0.0174	U	0.018	U	0.0195	U	0.018	U
Aroclor 1254	~	~	~	0.0185	U	0.0174	U	0.018	U	0.0195	U	0.018	U
Aroclor 1260	~	~	~	0.0185	U	0.0174	U	0.018	U	0.0195	U	0.018	U
Aroclor 1262	~	~	~	0.0185	U	0.0174	U	0.018	U	0.0195	U	0.018	U
Aroclor 1268	~	~	~	0.0185	U	0.0174	U	0.018	U	0.0195	U	0.018	U
Total PCBs	0.1	1	N/A	0.0185	U	0.0174	U	0.018	U	0.0195	U	0.018	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N/A= Not Applicable
ppm= parts per million

Table 6
PCBs in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	26SB-2 (17-19) 26B0173-06 2/4/2026 Soil		26SB-4 (0-2) 26B0173-07 2/4/2026 Soil		26SB-4 (5-7) 26B0173-08 2/4/2026 Soil		26SB-4 (17-19) 26B0173-09 2/4/2026 Soil		Field Dup-020426 26B0173-11 2/4/2026 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER	ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor				1		1		1		1		1	
Aroclor 1016	~	~	~	0.0177	U	0.0188	R	0.0184	U	0.0192	U	0.0191	U
Aroclor 1221	~	~	~	0.0177	U	0.0188	R	0.0184	U	0.0192	U	0.0191	U
Aroclor 1232	~	~	~	0.0177	U	0.0188	R	0.0184	U	0.0192	U	0.0191	U
Aroclor 1242	~	~	~	0.0177	U	0.0188	R	0.0184	U	0.0192	U	0.0191	U
Aroclor 1248	~	~	~	0.0177	U	0.0188	R	0.0184	U	0.0192	U	0.0191	U
Aroclor 1254	~	~	~	0.0177	U	0.0188	R	0.0184	U	0.0192	U	0.0191	U
Aroclor 1260	~	~	~	0.0177	U	0.0188	R	0.0184	U	0.0192	U	0.0191	U
Aroclor 1262	~	~	~	0.0177	U	0.0188	R	0.0184	U	0.0192	U	0.0191	U
Aroclor 1268	~	~	~	0.0177	U	0.0188	R	0.0184	U	0.0192	U	0.0191	U
Total PCBs	0.1	1	N/A	0.0177	U	0.0188	U	0.0184	U	0.0192	U	0.0191	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N/A= Not Applicable
ppm= parts per million

Table 7
Metals in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	SB-1 (12'-14') 24G1298-06 7/18/2024 Soil		SB-2 (2'-4') 24G1298-07 7/18/2024 Soil		SB-2 (16'-18') 24G1298-05 7/18/2024 Soil		SB-3 (16'-18') 24G1298-08 7/18/2024 Soil		SB-4 (10'-12') 24G1298-04 7/18/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	**4,920**		**6,290**		**7,150**		**17,400**		**7,620**	
Antimony	7440-36-0	~	~	~	2.26	U	2.24	U	2.08	U	2.410	U	2.29	U
Arsenic	7440-38-2	13	16	N/A	1.36	U	**2.38**		**2.6**		**2.98**		1.37	U
Barium	7440-39-3	350	400	N/A	**32.1**		**50.8**		**47.1**		**158**		**41.8**	
Beryllium	7440-41-7	7.2	72	N/A	0.507	U	0.635	U	0.545	B	0.907	U	0.494	U
Cadmium	7440-43-9	2.5	4.3	N/A	0.272	U	0.269	U	0.25	U	0.29	U	0.274	U
Calcium	7440-70-2	~	~	~	**1,160**		**1,830**		**17,600**		**17,400**		**1,990**	
Chromium	7440-47-3	~	~	~	**12**		**15**		**20.7**		**37.7**		**19.2**	
Cobalt	7440-48-4	~	~	~	**5.94**		**7.62**		**5.87**		**15.4**		**8.09**	
Copper	7440-50-8	50	270	N/A	**11.6**		**14.4**		**20.5**		**32.6**		**15.7**	
Iron	7439-89-6	~	~	~	**10,600**		**18,100**		**11,800**		**31,600**		**13,700**	
Lead	7439-92-1	63	400	N/A	**2.97**		**6.77**		**46.2**		**8.81**		**3.55**	
Magnesium	7439-95-4	~	~	~	**2,280**		**2,920**		**3,550**		**14,100**		**5,050**	
Manganese	7439-96-5	1600	2000	N/A	**266**		**334**		**258**		**491**		**323**	
Mercury	7439-97-6	0.18	0.81	N/A	0.0326	U	0.0322	U	0.0482		0.0347	U	0.0329	U
Nickel	7440-02-0	30	310	N/A	**9.42**		**11.7**		**11.5**		**31.7**		**14.8**	
Potassium	7440-09-7	~	~	~	**608**	B	**1,670**	B	**1,210**	B	**5,440**	B	**1,490**	B
Selenium	7782-49-2	3.9	180	4	2.26	U	2.24	U	2.08	U	2.410	U	2.29	U
Silver	7440-22-4	2	180	N/A	0.457	U	0.451	U	0.42	U	0.486	U	0.461	U
Sodium	7440-23-5	~	~	~	**141**		**357**		**410**		**358**		**605**	
Thallium	7440-28-0	~	~	~	2.26	U	2.24	U	2.08	U	2.410	U	2.29	U
Vanadium	7440-62-2	~	~	~	**17**		**25.8**		**18.8**		**47.4**		**24.3**	
Zinc	7440-66-6	109	10000	N/A	**21.5**		**35.1**		**62.7**		**72**		**40.6**	

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
NYSDEC Part 375 Restricted Use Soil Cleanup Objectives -Restricted Residential

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 7
Metals in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	SB-5 (10'-12') 24G1298-02 7/18/2024 Soil		SB-6 (8'-10') 24G1298-01 7/18/2024 Soil		SB-7 (2'-4) 24G1298-09 7/18/2024 Soil		SB-8 (10'-12') 24G1298-03 7/18/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
Aluminum	7429-90-5	~	~	~	**9,310**		**6,480**		**10,400**		**6,820**	
Antimony	7440-36-0	~	~	~	2.42	U	2.2	U	2.25	U	2.27	U
Arsenic	7440-38-2	13	16	N/A	**1.65**		1.32	U	**3.84**		**25.7**	
Barium	7440-39-3	350	400	N/A	**54.1**		**36.3**		**61.8**		**60.3**	
Beryllium	7440-41-7	7.2	72	N/A	0.601	U	0.449	U	0.693	U	0.462	U
Cadmium	7440-43-9	2.5	4.3	N/A	0.291	U	0.264	U	**0.531**		0.272	U
Calcium	7440-70-2	~	~	~	**2,470**		**2,470**		**2,600**		**2,570**	
Chromium	7440-47-3	~	~	~	**20.6**		**14.5**		**27.7**		**65.9**	
Cobalt	7440-48-4	~	~	~	**9.35**		**7.12**		**8.98**		**18.6**	
Copper	7440-50-8	50	270	N/A	**19.3**		**14.6**		**27.6**		**24**	
Iron	7439-89-6	~	~	~	**16,800**		**12,300**		**28,100**		**77,900**	
Lead	7439-92-1	63	400	N/A	**4.1**		**3.02**		**35.1**		**20.5**	
Magnesium	7439-95-4	~	~	~	**5,700**		**4,150**		**4,240**		**4,110**	
Manganese	7439-96-5	1600	2000	N/A	**352**		**263**		**420**		**235**	
Mercury	7439-97-6	0.18	0.81	N/A	0.0349	U	0.0317	U	**0.0539**		**0.0723**	
Nickel	7440-02-0	30	310	N/A	**18.2**		**13.2**		**17.9**		**43**	
Potassium	7440-09-7	~	~	~	**1,880**	B	**996**	B	**1,540**	B	**1,230**	B
Selenium	7782-49-2	3.9	180	4	2.42	U	2.2	U	2.25	U	2.27	U
Silver	7440-22-4	2	180	N/A	0.489	U	0.444	U	0.454	U	0.457	U
Sodium	7440-23-5	~	~	~	**197**		**136**		**631**		**137**	
Thallium	7440-28-0	~	~	~	2.42	U	2.2	U	2.25	U	2.27	U
Vanadium	7440-62-2	~	~	~	**28.7**		**21.5**		**35.5**		**53.6**	
Zinc	7440-66-6	109	10000	N/A	**44.4**		**34.3**		**124**		**36.4**	

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
NYSDEC Part 375 Restricted Use Soil Cleanup Objectives -Restricted Residential

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 7
Metals in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	25SB-1 (0-2) 25E0288-04 5/6/2025 Soil		25SB-1 (2-4) 25E0288-05 5/6/2025 Soil		25SB-1 (11-13) 25E0288-06 5/6/2025 Soil		25SB-2 (0-2) 25E0127-02 5/2/2025 Soil		25-SB-DUP-1(0-2) 25E0127-01 5/2/2025 Soil		25SB-2 (5-7) 25E0127-03 5/2/2025 Soil		25SB-2 (12.5-14.5) 25E0127-04 5/2/2025 Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010					mg/L														
Dilution Factor																			
Lead	7439-92-1	~	~	~	5	NT		NT		NT		NT		NT		NT		NT	
Metals, Target Analyte		ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	**6,510**	J	**5,090**	J	**10,300**	J	**6,470**	J	**6,260**	J	**2,760**	J	**7,580**	J
Antimony	7440-36-0	~	~	~	~	**2.16**	UJ	**2.12**	UJ	**2.15**	UJ	**2.32**	UJ	**2.32**	UJ	**2.22**	UJ	**2.33**	UJ
Arsenic	7440-38-2	13	16	N/A	~	**1.3**		1.27	U	**1.7**		**4.26**		**4.65**		1.33	U	1.4	U
Barium	7440-39-3	410	410	N/A	~	**33.7**	J	**22.6**	J	**67.7**	J	**52.6**	J	**42.8**	J	**13.5**	J	**35.2**	J
Beryllium	7440-41-7	4.4	43	N/A	~	**0.073**		**0.108**		0.043	U	**0.107**	J-	**0.099**	J-	**0.045**	UJ	**0.047**	UJ
Cadmium	7440-43-9	2.5	2.5	N/A	~	**0.259**	UJ	**0.255**	UJ	**0.259**	UJ	**0.381**	J-	**0.278**	UJ	**0.266**	UJ	**0.28**	UJ
Calcium	7440-70-2	~	~	~	~	**1,100**	J	**581**	J	**1,440**	J	**26,100**	J	**33,500**	J	**11,500**	J	**1,360**	J
Chromium	7440-47-3	~	~	~	~	**13**	J-	**8.88**	J-	**19.1**	J-	**16.2**	J	**13.6**	J	**5.6**	J	**14.9**	J
Chromium, Hexavalent	18540-29-9	1	1	N/A	~	**0.519**	UJ	**0.509**	UJ	**0.517**	UJ	0.558	U	**0.961**		0.532	U	0.56	U
Chromium, Trivalent	16065-83-1	30	110	~	~	**12.5**		**8.88**		**19.1**		**16.2**		**12.6**		**5.6**		**14.9**	
Cobalt	7440-48-4	~	~	~	~	**4.82**	J	**3.45**	J	**7.57**	J	**5.02**	J	**4.26**	J	**3.79**	J	**6.48**	J
Copper	7440-50-8	50	280	N/A	~	**13.3**	J	**7.36**	J	**16.8**	J	**36.6**	J	**33.9**	J	**10.6**	J	**14.1**	J
Iron	7439-89-6	~	~	~	~	**9,910**	J	**7,030**	J	**16,400**	J	**10,500**	J	**9,970**	J	**6,490**	J	**12,300**	J
Lead	7439-92-1	63	400	N/A	~	**3.22**	J	**1.88**	J	**3.86**	J	**66.3**	J-	**66.2**	J-	**2.69**	J-	**2.53**	J-
Magnesium	7439-95-4	~	~	~	~	**2,680**	J	**2,060**	J	**4,330**	J	**3,660**	J	**3,900**	J	**7,590**	J	**3,750**	J
Manganese	7439-96-5	1,600	2,000	N/A	~	**241**	J	**232**	J	**320**	J	**214**	J	**222**	J	**154**	J	**268**	J
Mercury	7439-97-6	0.18	0.30	N/A	~	**0.0311**	UJ	**0.0306**	UJ	**0.031**	UJ	**0.14**	J-	**0.163**	J-	**0.0319**	UJ	**0.0336**	UJ
Nickel	7440-02-0	30	320	N/A	~	**10.4**	J	**7.2**	J	**15.6**	J	**11.2**	J	**10.5**	J	**6.78**	J	**12.9**	J
Potassium	7440-09-7	~	~	~	~	**1,140**	J+	**635**	J	**2,360**	J	**893**	J	**842**	J	**359**	J	**1,060**	J
Selenium	7782-49-2	3.9	110	4	~	2.16	U	2.12	U	2.15	U	**2.32**	UJ	**2.32**	UJ	**2.22**	UJ	**2.33**	UJ
Silver	7440-22-4	2	110	N/A	~	**0.436**	UJ	0.428	U	0.434	U	**0.469**	UJ	**0.467**	UJ	**0.447**	UJ	**0.471**	UJ
Sodium	7440-23-5	~	~	~	~	**101**		**70.3**		**507**		**452**	J	**395**	J	**274**	J	**367**	J
Thallium	7440-28-0	~	~	~	~	1.73	U	1.7	U	1.73	U	**1.86**	UJ	**1.86**	UJ	**1.78**	UJ	**1.87**	UJ
Vanadium	7440-62-2	~	~	~	~	**17.2**	J	**11.9**	J	**26.5**	J	**17.6**	J	**18.3**	J	**9.99**	J	**21.8**	J
Zinc	7440-66-6	109	6,600	N/A	~	**22.7**	J	**14.2**	J	**38.2**	J	**78.6**	J	**74.8**	J	**16.7**	J	**29.2**	J

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
J+= Analyte is present. Reported value may be biased high andassociated with
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 7
Metals in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	25SB-3 (0-2) 25E0288-15 5/6/2025 Soil		25SB-3 (4-6) 25E0288-16 5/6/2025 Soil		25SB-3 (11-13) 25E0288-17 5/6/2025 Soil		25SB-4 (0-2) 25E0127-05 5/2/2025 Soil		25SB-4 (3-5) 25E0127-06 5/2/2025 Soil		25SB-4 (11-13) 25E0127-07 5/2/2025 Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010					mg/L												
Dilution Factor																	
Lead	7439-92-1	~	~	~	5	NT		NT		NT		NT		NT		NT	
Metals, Target Analyte		ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	**7,470**	J	**8,070**	J	**13,800**	J	**11,300**	J	**5,950**	J	**7,700**	J
Antimony	7440-36-0	~	~	~	~	**2.21**	UJ	**2.27**	UJ	**2.36**	UJ	**2.29**	UJ	**2.33**	UJ	**2.47**	UJ
Arsenic	7440-38-2	13	16	N/A	~	**3.76**		**2.09**		**3.12**		**2.28**		1.4	U	1.48	U
Barium	7440-39-3	410	410	N/A	~	**123**	J	**51.7**	J	**103**	J	**72.9**	J	**33.6**	J	**44.5**	J
Beryllium	7440-41-7	4.4	43	N/A	~	0.044	U	0.046	U	**0.075**		**0.046**	UJ	**0.047**	UJ	**0.05**	UJ
Cadmium	7440-43-9	2.5	2.5	N/A	~	**0.856**		0.273	U	0.284	U	**0.275**	UJ	**0.279**	UJ	**0.296**	UJ
Calcium	7440-70-2	~	~	~	~	**4,640**	J	**2,650**	J	**16,100**	J	**4,140**	J	**1,640**	J	**2,730**	J
Chromium	7440-47-3	~	~	~	~	**18.3**	J	**19.7**	J	**25.2**	J	**24.1**	J	**14.7**	J	**17.8**	J
Chromium, Hexavalent	18540-29-9	1	1	N/A	~	**0.529**	UJ	**0.545**	UJ	**0.567**	UJ	0.551	U	0.559	U	0.593	U
Chromium, Trivalent	16065-83-1	30	110	~	~	**18.3**		**19.7**		**25.2**		**23.6**		**14.7**		**17.8**	
Cobalt	7440-48-4	~	~	~	~	**6.48**	J	**7.06**	J	**10.9**	J	**9.68**	J	**6.23**	J	**7.24**	J
Copper	7440-50-8	50	280	N/A	~	**46.6**	J	**18.7**	J	**25.8**	J	**31.7**	J	**12.8**	J	**16.8**	J
Iron	7439-89-6	~	~	~	~	**14,100**	J	**16,500**	J	**25,000**	J	**20,500**	J	**11,100**	J	**13,500**	J
Lead	7439-92-1	63	400	N/A	~	**165**	J-	**9.19**	J-	**6.92**	J-	**5.25**	J-	**2.38**	J-	**3.27**	J-
Magnesium	7439-95-4	~	~	~	~	**3,910**	J	**3,460**	J	**10,200**	J	**5,050**	J	**3,240**	J	**4,870**	J
Manganese	7439-96-5	1,600	2,000	N/A	~	**300**	J	**386**	J	**520**	J	**385**	J	**269**	J	**273**	J
Mercury	7439-97-6	0.18	0.30	N/A	~	**0.146**		0.0327	U	0.034	U	**0.033**	UJ	**0.0335**	UJ	**0.0356**	UJ
Nickel	7440-02-0	30	320	N/A	~	**13.7**	J	**13.6**	J	**24.5**	J	**21.9**	J	**12.2**	J	**14**	J
Potassium	7440-09-7	~	~	~	~	**1,540**	J	**1,750**	J	**4,010**	J	**3,190**	J	**1,310**	J	**1,270**	J
Selenium	7782-49-2	3.9	110	4	~	2.21	U	2.27	U	2.36	U	**2.29**	UJ	**2.33**	UJ	**2.47**	UJ
Silver	7440-22-4	2	110	N/A	~	0.445	U	0.458	U	0.476	U	**0.463**	UJ	**0.47**	UJ	**0.498**	UJ
Sodium	7440-23-5	~	~	~	~	**215**	J-	**136**	J-	**247**	J-	**536**	J	**439**	J	**964**	J
Thallium	7440-28-0	~	~	~	~	1.77	U	1.82	U	1.89	U	**1.84**	UJ	**1.87**	UJ	**1.98**	UJ
Vanadium	7440-62-2	~	~	~	~	**22.9**	J	**24.6**	J	**32.7**	J	**31**	J	**19.9**	J	**24.1**	J
Zinc	7440-66-6	109	6,600	N/A	~	**220**	J-	**36.9**	J-	**52.1**	J-	**50.5**	J	**30.6**	J	**36.8**	J

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
J+= Analyte is present. Reported value may be biased high andassociated with
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 7
Metals in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	25SB-5 (0-2) 25E0212-15 5/5/2025 Soil		25SB-5 (3-5) 25E0212-16 5/5/2025 Soil		25SB-5 (11-13) 25E0212-17 5/5/2025 Soil		25SB-DUP-2 (11-13) 25E0212-18 5/5/2025 Soil		25SB-6 (0-2) 25E0212-10 5/5/2025 Soil		25SB-6 (3-5) 25E0212-11 5/5/2025 Soil		25SB-6 (11.5-13.5) 25E0212-12 5/5/2025 Soil	
Compound	CAS Number					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010					mg/L														
Dilution Factor																			
Lead	7439-92-1	~	~	~	5	NT		NT		NT		NT		NT		NT		NT	
Metals, Target Analyte		ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	**7,940**	J	**7,210**	J	**7,440**	J	**7,950**	J	**7,540**	J	**6,120**	J	**9,010**	J
Antimony	7440-36-0	~	~	~	~	**2.17**	UJ	**2.21**	UJ	**2.47**	UJ	**2.43**	UJ	**2.14**	UJ	**2.28**	UJ	**2.34**	UJ
Arsenic	7440-38-2	13	16	N/A	~	**1.47**		**1.86**		1.48	U	1.46	U	**3.21**		**1.45**		**2.61**	
Barium	7440-39-3	410	410	N/A	~	**30.5**	J	**24.6**	J	**37.9**	J	**55.1**	J	**368**	J	**42.5**	J	**62.9**	J
Beryllium	7440-41-7	4.4	43	N/A	~	**0.138**		**0.126**		0.05	U	0.049	U	**0.101**		0.046	U	**0.108**	
Cadmium	7440-43-9	2.5	2.5	N/A	~	0.26	U	0.265	U	0.296	U	0.292	U	**0.463**		0.274	U	0.281	U
Calcium	7440-70-2	~	~	~	~	**1,100**	J	**1,570**	J	**2,520**	J	**2,990**	J	**2,150**	J	**1,240**	J	**4,890**	J
Chromium	7440-47-3	~	~	~	~	**16**	J	**12.3**	J	**16.4**	J	**19.5**	J	**19.3**	J	**17.2**	J	**23.6**	J
Chromium, Hexavalent	18540-29-9	1	1	N/A	~	0.52	U	0.53	U	0.592	U	0.583	U	0.515	U	**0.69**		0.562	U
Chromium, Trivalent	16065-83-1	30	110	~	~	**16**		**12.3**		**16.4**		**19.5**		**19.3**		**16.5**		**23.6**	
Cobalt	7440-48-4	~	~	~	~	**5.54**	J	**5.73**	J	**6.78**	J	**7.6**	J	**6.23**	J	**8.4**	J	**8.29**	J
Copper	7440-50-8	50	280	N/A	~	**24.9**	J	**18**	J	**15.3**	J	**17.1**	J	**45.7**	J	**19.1**	J	**22.5**	J
Iron	7439-89-6	~	~	~	~	**13,600**	J	**11,900**	J	**12,400**	J	**16,000**	J	**12,200**	J	**14,400**	J	**18,900**	J
Lead	7439-92-1	63	400	N/A	~	**3.14**	J	**3.32**	J	**2.66**	J	**2.88**	J	**140**	J	**3.04**	J	**6.12**	J
Magnesium	7439-95-4	~	~	~	~	**3,490**	J	**3,290**	J	**4,800**	J	**5,000**	J	**2,680**	J	**2,740**	J	**4,940**	J
Manganese	7439-96-5	1,600	2,000	N/A	~	**277**	J	**275**	J	**245**	J	**316**	J	**324**	J	**388**	J	**381**	J
Mercury	7439-97-6	0.18	0.30	N/A	~	0.0312	U	0.0318	U	0.0355	U	0.035	U	**0.14**		0.0329	U	0.0337	U
Nickel	7440-02-0	30	320	N/A	~	**13.7**	J	**13.5**	J	**14**	J	**15.8**	J	**13.3**	J	**14.6**	J	**19.2**	J
Potassium	7440-09-7	~	~	~	~	**817**	J	**1,240**	J	**1,490**	J	**1,800**	J	**1,130**	J	**1,200**	J	**2,190**	J
Selenium	7782-49-2	3.9	110	4	~	2.17	U	2.21	U	2.47	U	2.43	U	2.14	U	2.28	U	2.34	U
Silver	7440-22-4	2	110	N/A	~	0.437	U	0.445	U	0.497	U	0.49	U	0.432	U	0.461	U	0.472	U
Sodium	7440-23-5	~	~	~	~	**144**		**115**		**228**		**262**		**134**		**129**		**144**	
Thallium	7440-28-0	~	~	~	~	1.74	U	1.77	U	1.98	U	1.95	U	1.72	U	1.83	U	1.88	U
Vanadium	7440-62-2	~	~	~	~	**18.4**	J	**18**	J	**22.5**	J	**24.8**	J	**21.7**	J	**27.4**	J	**24.4**	J
Zinc	7440-66-6	109	6,600	N/A	~	**29.9**	J	**29.1**	J	**33.4**	J	**39.6**	J	**186**	J	**101**	J	**42.5**	J

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
J+= Analyte is present. Reported value may be biased high andassociated with
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 7
Metals in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	25SB-7 (0-2) 25E0288-12 5/6/2025 Soil		25SB-7 (3-5) 25E0288-13 5/6/2025 Soil		25SB-7 (6-8) 25E0288-14 5/6/2025 Soil		25SB-8 (0-2) 25E0288-18 5/6/2025 Soil		25SB-DUP-3 (0-2) 25E0288-21 5/6/2025 Soil		25SB-8 (3-5) 25E0288-19 5/6/2025 Soil		25SB-8 (12.5-14.5) 25E0288-20 5/6/2025 Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010					mg/L														
Dilution Factor																			
Lead	7439-92-1	~	~	~	5	NT		NT		NT		NT		NT		NT		NT	
Metals, Target Analyte		ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	**7,640**	J	**8,380**	J	**9,660**	J	**7,400**	J	**7,870**	J	**5,620**	J	**5,740**	J
Antimony	7440-36-0	~	~	~	~	**2.23**	UJ	**2.29**	UJ	**2.32**	UJ	**2.18**	UJ	**2.22**	UJ	**2.13**	UJ	**2.19**	UJ
Arsenic	7440-38-2	13	16	N/A	~	**2.66**		**1.57**		**1.82**		**2.72**		**3.57**		**1.36**		**1.43**	
Barium	7440-39-3	410	410	N/A	~	**77.3**	J	**37.4**	J-	**54.4**	J-	**59**	J	**51.2**	J	**26.5**	J	**46.8**	J
Beryllium	7440-41-7	4.4	43	N/A	~	**0.078**		0.046	U	0.047	U	0.044	U	0.045	U	0.043	U	0.044	U
Cadmium	7440-43-9	2.5	2.5	N/A	~	**0.268**	UJ	**0.275**	UJ	**0.278**	UJ	0.261	U	0.266	U	**0.256**	J	0.263	U
Calcium	7440-70-2	~	~	~	~	**2,760**	J	**1,850**	J-	**3,370**	J-	**7,740**	J	**2,600**	J	**2,380**	J	**2,280**	J
Chromium	7440-47-3	~	~	~	~	**16.5**	J-	**18.4**	J-	**21.5**	J-	**18**	J	**15.9**	J	**15.3**	J	**14**	J
Chromium, Hexavalent	18540-29-9	1	1	N/A	~	**0.535**	UJ	**0.692**	J-	**0.556**	UJ	**0.522**	UJ	**0.532**	UJ	**0.512**	UJ	**0.525**	UJ
Chromium, Trivalent	16065-83-1	30	110	~	~	**16.5**		**17.7**		**21.5**		**18**		**15.9**		**15.3**		**14**	
Cobalt	7440-48-4	~	~	~	~	**6.29**	J	**7.04**	J-	**8.69**	J-	**7.16**	J	**6.17**	J	**6.16**	J	**8.9**	J
Copper	7440-50-8	50	280	N/A	~	**27.7**	J	**17.6**	J	**21.5**	J	**25.3**	J	**32.5**	J	**14.9**	J	**12.4**	J
Iron	7439-89-6	~	~	~	~	**14,300**	J	**13,900**	J	**16,800**	J	**15,200**	J	**14,100**	J	**11,300**	J	**23,000**	J
Lead	7439-92-1	63	400	N/A	~	**96.3**	J	**4.55**	J-	**4.35**	J-	**59.4**	J-	**76.4**	J-	**2.28**	J-	**1.92**	J-
Magnesium	7439-95-4	~	~	~	~	**3,730**	J	**3,920**	J	**5,690**	J	**4,120**	J	**3,570**	J	**3,280**	J	**3,720**	J
Manganese	7439-96-5	1,600	2,000	N/A	~	**299**	J	**309**	J	**344**	J	**315**	J	**269**	J	**221**	J	**533**	J
Mercury	7439-97-6	0.18	0.30	N/A	~	**0.169**	J-	0.033	U	0.0334	U	**0.0763**		**0.131**		0.0307	U	0.0315	U
Nickel	7440-02-0	30	320	N/A	~	**12**	J	**13**	J	**16.7**	J	**15.1**	J	**12.2**	J	**11.5**	J	**13.7**	J
Potassium	7440-09-7	~	~	~	~	**1,110**	J	**1,620**	J	**2,220**	J	**1,750**	J	**1,470**	J	**981**	J	**1,010**	J
Selenium	7782-49-2	3.9	110	4	~	2.23	U	2.29	U	2.32	U	2.18	U	2.22	U	2.13	U	2.19	U
Silver	7440-22-4	2	110	N/A	~	0.45	U	**0.462**	UJ	**0.467**	UJ	0.439	U	0.447	U	0.43	U	0.441	U
Sodium	7440-23-5	~	~	~	~	**263**		**307**	J-	**273**	J-	**192**	J-	**331**	J-	**186**	J-	**275**	J-
Thallium	7440-28-0	~	~	~	~	1.79	U	1.84	U	1.86	U	1.75	U	1.78	U	1.71	U	1.75	U
Vanadium	7440-62-2	~	~	~	~	**20.1**	J	**25.8**	J	**30.4**	J	**23.5**	J	**20.5**	J	**21.6**	J	**26**	J
Zinc	7440-66-6	109	6,600	N/A	~	**106**	J	**32**	J-	**43.3**	J-	**70.6**	J-	**146**	J-	**28.1**	J-	**22.5**	J-

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
J+= Analyte is present. Reported value may be biased high andassociated with
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 7
Metals in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	25SB-9 (0-2) 25E0212-07 5/5/2025 Soil		25SB-9 (2-4) 25E0212-08 5/5/2025 Soil		25SB-9 (12-14) 25E0212-09 5/5/2025 Soil		25SB-10 (0-2) 25E0127-08 5/2/2025 Soil		25SB-10 (2-4) 25E0127-09 5/2/2025 Soil		25SB-10 (11-13) 25E0127-10 5/2/2025 Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010					mg/L												
Dilution Factor																	
Lead	7439-92-1	~	~	~	5	NT		NT		NT		NT		NT		NT	
Metals, Target Analyte		ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	**6,540**	J	**6,330**	J	**6,420**	J	**6,210**	J	**6,620**	J	**7,520**	J
Antimony	7440-36-0	~	~	~	~	**2.33**	UJ	**2.24**	UJ	**2.48**	UJ	**2.24**	UJ	**2.22**	UJ	**2.26**	UJ
Arsenic	7440-38-2	13	16	N/A	~	**1.92**		1.35	U	1.49	U	**6.07**		**2.81**		**3.29**	
Barium	7440-39-3	410	410	N/A	~	**58.6**	J	**36.9**	J	**28.7**	J	**190**	J	**69.1**	J	**66.2**	J
Beryllium	7440-41-7	4.4	43	N/A	~	0.047	U	0.045	U	0.05	U	**0.045**	UJ	**0.045**	UJ	**0.046**	UJ
Cadmium	7440-43-9	2.5	2.5	N/A	~	0.28	U	0.269	U	0.298	U	**1.560**	J-	**0.337**	J-	**0.371**	J-
Calcium	7440-70-2	~	~	~	~	**4,140**	J	**1,410**	J	**2,590**	J	**7,830**	J-	**3,050**	J-	**7,130**	J-
Chromium	7440-47-3	~	~	~	~	**14**	J	**22**	J	**14.5**	J	**19**	J-	**17**	J	**19.6**	J
Chromium, Hexavalent	18540-29-9	1	1	N/A	~	0.56	U	**0.728**		0.596	U	0.538	U	0.533	U	0.543	U
Chromium, Trivalent	16065-83-1	30	110	~	~	**14**		**21.3**		**14.5**		**19**		**17**		**19.6**	
Cobalt	7440-48-4	~	~	~	~	**5.79**	J	**5.450**	J	**5.82**	J	**6.11**	J	**6.5**	J	**7.01**	J
Copper	7440-50-8	50	280	N/A	~	**33.8**	J	**12.6**	J	**14.1**	J	**101**	J	**30.7**	J	**37.9**	J
Iron	7439-89-6	~	~	~	~	**11,600**	J	**10,600**	J	**11,000**	J	**15,200**	J	**13,500**	J	**16,600**	J
Lead	7439-92-1	63	400	N/A	~	**85.8**	J	**3.28**	J	**2.94**	J	**448**	J-	**79**	J-	**69.6**	J-
Magnesium	7439-95-4	~	~	~	~	**2,990**	J	**3,720**	J	**4,160**	J	**2,490**	J	**3,920**	J	**3,740**	J
Manganese	7439-96-5	1,600	2,000	N/A	~	**268**	J	**285**	J	**222**	J	**236**	J	**233**	J	**291**	J
Mercury	7439-97-6	0.18	0.30	N/A	~	0.0336	U	0.0323	U	0.0358	U	**0.388**	J-	**0.184**	J-	**0.138**	J-
Nickel	7440-02-0	30	320	N/A	~	**14.7**	J	**12.9**	J	**12.2**	J	**20.1**	J	**13.4**	J	**14.8**	J
Potassium	7440-09-7	~	~	~	~	**1,310**	J	**1,350**	J	**1,110**	J	**968**	J	**1,370**	J	**1,320**	J
Selenium	7782-49-2	3.9	110	4	~	2.33	U	2.24	U	2.48	U	**2.24**	UJ	**2.22**	UJ	**2.26**	UJ
Silver	7440-22-4	2	110	N/A	~	0.47	U	0.452	U	0.501	U	0.452	U	0.447	U	0.456	U
Sodium	7440-23-5	~	~	~	~	**198**		**140**		**238**		**159**	J	**187**	J	**187**	J
Thallium	7440-28-0	~	~	~	~	1.87	U	1.8	U	1.99	U	**1.8**	UJ	**1.78**	UJ	**1.81**	UJ
Vanadium	7440-62-2	~	~	~	~	**19.6**	J	**16**	J	**19.9**	J	**20.8**	J	**23.3**	J	**25.4**	J
Zinc	7440-66-6	109	6,600	N/A	~	**79.7**	J	**66.2**	J	**34.4**	J	**392**	J	**128**	J	**133**	J

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
J+= Analyte is present. Reported value may be biased high andassociated with
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 7
Metals in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	25SB-11 (0-1.5) 25E0288-10 5/6/2025 Soil		25SB-12 (0-2) 25E0212-01 5/5/2025 Soil		25SB-12 (3-5) 25E0212-02 5/5/2025 Soil		25SB-12 (11-13) 25E0212-03 5/5/2025 Soil		25SB-13 (0-2) 25E0212-04 5/5/2025 Soil		25SB-13 (3-5) 25E0212-05 5/5/2025 Soil		25SB-13 (13-15) 25E0212-06 5/5/2025 Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010					mg/L			mg/L											
Dilution Factor								1											
Lead	7439-92-1	~	~	~	5	NT		0.125	U	NT		NT		NT		NT		NT	
Metals, Target Analyte		ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	**8,240**	J	**7,890**	J	**10,500**	J	**7,760**	J	**5,320**	J	**11,200**	J	**5,590**	J
Antimony	7440-36-0	~	~	~	~	**2.37**	UJ	**5.24**	J-	**2.27**	UJ	**2.48**	UJ	**2.12**	UJ	**2.5**	UJ	**2.23**	UJ
Arsenic	7440-38-2	13	16	N/A	~	**2.25**		**10.3**		**2.69**		1.49	U	**1.73**		**2.21**		**1.55**	
Barium	7440-39-3	410	410	N/A	~	**59.8**	J	**242**	J	**43.9**	J	**41.9**	J	**30.9**	J	**74.3**	J	**52.1**	J
Beryllium	7440-41-7	4.4	43	N/A	~	0.048	U	**0.204**		**0.219**		0.05	U	**0.052**		0.05	U	**0.107**	
Cadmium	7440-43-9	2.5	2.5	N/A	~	**0.285**	UJ	**1.36**		0.272	U	0.297	U	0.255	U	0.3	U	0.268	U
Calcium	7440-70-2	~	~	~	~	**12,500**	J	**3,320**	J	**1,290**	J	**3,110**	J	**1,160**	J	**1,700**	J	**1,640**	J
Chromium	7440-47-3	~	~	~	~	**17.9**	J-	**19.8**	J	**16.7**	J	**17.2**	J	**12.6**	J	**22.7**	J	**13.9**	J
Chromium, Hexavalent	18540-29-9	1	1	N/A	~	**0.569**	UJ	0.543	U	0.545	U	0.594	U	**0.689**		**0.924**		**0.977**	
Chromium, Trivalent	16065-83-1	30	110	~	~	**17.3**		**19.8**		**16.7**		**17.2**		**11.9**		**21.8**		**12.9**	
Cobalt	7440-48-4	~	~	~	~	**8.82**	J	**5.91**	J	**5.55**	J	**7.11**	J	**4.47**	J	**9.08**	J	**4.93**	J
Copper	7440-50-8	50	280	N/A	~	**19.4**	J	**172**	J	**27.7**	J	**16.3**	J	**17**	J	**25.1**	J	**13**	J
Iron	7439-89-6	~	~	~	~	**18,700**	J	**18,800**	J	**12,200**	J	**13,200**	J	**9,320**	J	**18,100**	J	**15,800**	J
Lead	7439-92-1	63	400	N/A	~	**6.25**	J	**3,720**	J	**39.5**	J	**3**	J	**11.9**	J	**4.4**	J	**3.89**	J
Magnesium	7439-95-4	~	~	~	~	**5,250**	J	**2,180**	J	**2,420**	J	**4,970**	J	**2,170**	J	**5,000**	J	**2,280**	J
Manganese	7439-96-5	1,600	2,000	N/A	~	**353**	J	**257**	J	**283**	J	**259**	J	**203**	J	**434**	J	**356**	J
Mercury	7439-97-6	0.18	0.30	N/A	~	**0.0341**	UJ	**0.563**		**0.319**		0.0356	U	0.0306	U	0.036	U	0.0321	U
Nickel	7440-02-0	30	320	N/A	~	**15.3**	J	**14.4**	J	**10.8**	J	**14.9**	J	**8.9**	J	**20.8**	J	**9.39**	J
Potassium	7440-09-7	~	~	~	~	**2,600**	J	**910**	J	**828**	J	**1,590**	J	**767**	J	**2,070**	J	**1,400**	J
Selenium	7782-49-2	3.9	110	4	~	2.37	U	2.26	U	2.27	U	2.48	U	2.12	U	2.5	U	2.23	U
Silver	7440-22-4	2	110	N/A	~	0.478	U	0.456	U	0.457	U	0.499	U	0.428	U	0.504	U	0.45	U
Sodium	7440-23-5	~	~	~	~	**305**		**231**		**88.5**		**286**		**84.1**		**143**		**127**	
Thallium	7440-28-0	~	~	~	~	1.9	U	1.81	U	1.82	U	1.98	U	1.7	U	2	U	1.79	U
Vanadium	7440-62-2	~	~	~	~	**25.2**	J	**24.6**	J	**21.3**	J	**23.4**	J	**15**	J	**31.5**	J	**21.6**	J
Zinc	7440-66-6	109	6,600	N/A	~	**37**	J	**524**	J	**46.9**	J	**37.7**	J	**39.2**	J	**121**	J	**25.3**	J

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
J+= Analyte is present. Reported value may be biased high andassociated with
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 7
Metals in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	25SB-14 (0-2) 25E0288-07 5/6/2025 Soil		25SB-14 (4-6) 25E0288-08 5/6/2025 Soil		25SB-14 (10-12) 25E0288-09 5/6/2025 Soil		25SB-15 (0-2) 25E0288-01 5/6/2025 Soil		25SB-15 (4-6) 25E0288-02 5/6/2025 Soil		25SB-15 (10-12) 25E0288-03 5/6/2025 Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010					mg/L												
Dilution Factor																	
Lead	7439-92-1	~	~	~	5	NT		NT		NT		NT		NT		NT	
Metals, Target Analyte		ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	**6,410**	J	**6,930**	J	**8,900**	J	**7,140**	J	**6,750**	J	**10,100**	J
Antimony	7440-36-0	~	~	~	~	**2.17**	UJ	**2.36**	UJ	**2.47**	UJ	**2.12**	UJ	**2.17**	UJ	**2.54**	UJ
Arsenic	7440-38-2	13	16	N/A	~	**2.96**		1.41	U	1.48	U	**1.76**		**2.42**		1.52	U
Barium	7440-39-3	410	410	N/A	~	**42.9**	J	**46.7**	J	**60.5**	J	**25.7**	J	**32.1**	J	**68.5**	J
Beryllium	7440-41-7	4.4	43	N/A	~	**0.128**		0.048	U	0.05	U	**0.061**		**0.095**		0.051	U
Cadmium	7440-43-9	2.5	2.5	N/A	~	**0.278**	J-	**0.283**	UJ	**0.296**	UJ	**0.254**	UJ	**0.26**	UJ	**0.304**	UJ
Calcium	7440-70-2	~	~	~	~	**3,560**	J	**2,900**	J	**2,450**	J	**1,510**	J	**3,340**	J	**2,020**	J
Chromium	7440-47-3	~	~	~	~	**14.9**	J-	**18**	J-	**22**	J-	**12**	J-	**12.7**	J-	**19.4**	J-
Chromium, Hexavalent	18540-29-9	1	1	N/A	~	**0.521**	UJ	**0.566**	UJ	**0.592**	UJ	**0.508**	UJ	**0.52**	UJ	**0.609**	UJ
Chromium, Trivalent	16065-83-1	30	110	~	~	**14.9**		**18**		**22**		**12**		**12.7**		**19.4**	
Cobalt	7440-48-4	~	~	~	~	**5.17**	J	**7.44**	J	**8.71**	J	**4.87**	J	**5.29**	J	**8.35**	J
Copper	7440-50-8	50	280	N/A	~	**23.8**	J	**17.9**	J	**23.4**	J	**13.3**	J	**14.6**	J	**17.6**	J
Iron	7439-89-6	~	~	~	~	**15,600**	J	**14,000**	J	**15,800**	J	**9,170**	J	**12,000**	J	**16,500**	J
Lead	7439-92-1	63	400	N/A	~	**45.4**	J	**2.73**	J	**3.39**	J	**3.51**	J	**3.43**	J	**3.55**	J
Magnesium	7439-95-4	~	~	~	~	**2,370**	J	**3,730**	J	**4,310**	J	**3,160**	J	**2,700**	J	**5,250**	J
Manganese	7439-96-5	1,600	2,000	N/A	~	**381**	J	**331**	J	**315**	J	**219**	J	**251**	J	**389**	J
Mercury	7439-97-6	0.18	0.30	N/A	~	**0.0558**	J-	**0.0339**	UJ	**0.0355**	UJ	**0.0305**	UJ	**0.0312**	UJ	**0.0365**	UJ
Nickel	7440-02-0	30	320	N/A	~	**10.9**	J	**15.2**	J	**13.9**	J	**11.5**	J	**11.5**	J	**15.3**	J
Potassium	7440-09-7	~	~	~	~	**786**	J	**1,230**	J	**1,880**	J	**1,150**	J+	**1,200**	J+	**1,920**	J+
Selenium	7782-49-2	3.9	110	4	~	2.17	U	2.36	U	2.47	U	2.12	U	2.17	U	2.54	U
Silver	7440-22-4	2	110	N/A	~	0.437	U	0.475	U	0.497	U	**0.427**	UJ	**0.437**	UJ	**0.511**	UJ
Sodium	7440-23-5	~	~	~	~	**137**		**340**		**270**		**107**		**170**		**256**	
Thallium	7440-28-0	~	~	~	~	1.74	U	1.89	U	1.98	U	1.7	U	1.74	U	2.03	U
Vanadium	7440-62-2	~	~	~	~	**16.5**	J	**23.8**	J	**25.6**	J	**16.5**	J	**19**	J	**29.3**	J
Zinc	7440-66-6	109	6,600	N/A	~	**54.6**	J	**41.8**	J	**33.6**	J	**22.2**	J	**23.8**	J	**38.6**	J

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
J= Analyte detected at or above the method detection limit but below the reporting limit - data is estimated
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
J+= Analyte is present. Reported value may be biased high andassociated with
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 7
Metals in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	EPA Hazardous Waste Limits	26SB-1 (0-2) 26B0173-01 2/4/2026 Soil		26SB-1 (6-8) 26B0173-02 2/4/2026 Soil		26SB-1 (15-17) 26B0173-03 2/4/2026 Soil		26SB-2 (0-2) 26B0173-04 2/4/2026 Soil		26SB-2 (7-9) 26B0173-05 2/4/2026 Soil	
Compound					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1	
Aluminum	~	~	~	~	**13,100**		**6,220**		**8,360**		**15,400**		**10,800**	
Antimony	~	~	~	~	**2.34**	UJ	**2.2**	UJ	**2.27**	UJ	**2.46**	UJ	**2.26**	UJ
Arsenic	13	16	N/A	~	**5.01**		1.32	U	**1.93**		**6.91**		1.36	U
Barium	410	410	N/A	~	**61.3**		**47.4**		**53.9**		**122**		**75.9**	
Beryllium	4.4	43	N/A	~	**0.472**		**0.253**		**0.335**		**0.541**		**0.339**	
Cadmium	2.5	2.5	N/A	~	0.281	U	0.264	U	0.272	U	**0.296**		0.272	U
Calcium	~	~	~	~	**18,100**		**1,730**		**18,200**		**2,950**		**1,740**	
Chromium	~	~	~	~	**21.9**		**15.1**		**21.4**		**27.3**		**28.5**	
Cobalt	~	~	~	~	**7.66**		**8.11**		**7.79**		**8.98**		**9.78**	
Copper	50	280	N/A	~	**22.5**		**18**		**20.5**		**47.2**		**24.3**	
Iron	~	~	~	~	**16,800**		**12,700**		**14,100**		**18,900**		**19,000**	
Lead	63	400	N/A	~	**60**		**3.68**		**12**	J	**395**		**3.77**	
Magnesium	~	~	~	~	**3,330**		**3,650**		**8,560**	J	**2,810**		**5,880**	
Manganese	1,600	2,000	N/A	~	**220**		**276**		**251**		**383**		**423**	
Mercury	0.18	0.30	N/A	~	**0.104**		0.0317	U	0.0327	U	**0.113**		0.0326	U
Nickel	30	320	N/A	~	**15**		**14.5**		**15.9**		**15.4**		**21.2**	
Potassium	~	~	~	~	**1,060**		**1,630**		**2,270**		**1,060**		**3,110**	
Selenium	3.9	110	N/A	~	2.34	U	2.2	U	2.27	U	2.46	U	2.26	U
Silver	2	110	N/A	~	0.472	U	0.444	U	0.457	U	0.497	U	0.456	U
Sodium	~	~	~	~	**357**	J+	**133**	J+	**327**	J+	**98.6**	J+	**91.6**	J+
Thallium	~	~	~	~	1.88	U	1.76	U	1.82	U	1.98	U	1.81	U
Vanadium	~	~	~	~	**30.6**		**22.3**		**23.2**		**37.1**		**32.8**	
Zinc	109	6,600	N/A	~	**52.5**		**34.8**		**43.5**		**176**		**81.4**	
Lead TCLP by EPA 6010				mg/L										
Dilution Factor														
Lead	~	~		5	NT		NT		NT		NT		NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are above Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are above Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
J+= Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 7
Metals in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	EPA Hazardous Waste Limits	26SB-2 (17-19) 26B0173-06 2/4/2026 Soil		26SB-4 (0-2) 26B0173-07 2/4/2026 Soil		26SB-4 (5-7) 26B0173-08 2/4/2026 Soil		26SB-4 (17-19) 26B0173-09 2/4/2026 Soil		Field Dup-020426 26B0173-11 2/4/2026 Soil	
Compound					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1	
Aluminum	~	~	~	~	**5,160**		**12,000**		**10,800**		**7,730**		**8,200**	
Antimony	~	~	~	~	**2.2**	UJ	**2.4**	UJ	**2.36**	UJ	**2.43**	UJ	**2.42**	UJ
Arsenic	13	16	N/A	~	1.32	U	**2.59**		1.42	U	**1.96**		**1.72**	
Barium	410	410	N/A	~	**23.8**		**60.4**		**51**		**34.8**		**42.4**	
Beryllium	4.4	43	N/A	~	**0.22**		**0.384**		**0.42**		**0.296**		**0.324**	
Cadmium	2.5	2.5	N/A	~	0.263	U	0.288	U	0.283	U	0.291	U	0.291	U
Calcium	~	~	~	~	**2,270**		**1,400**		**973**		**4,870**		**21,600**	
Chromium	~	~	~	~	**10.2**		**21.4**		**23**		**17.5**		**15**	
Cobalt	~	~	~	~	**5.24**		**5.5**		**10.1**		**6.53**		**7.38**	
Copper	50	280	N/A	~	**14**		**32.3**		**20.2**		**19.2**		**16.6**	
Iron	~	~	~	~	**9,510**		**14,700**		**15,300**		**11,900**		**12,900**	
Lead	63	400	N/A	~	**2.53**		**22.1**		**5.57**		**8.54**		**7.35**	J
Magnesium	~	~	~	~	**3,500**		**2,900**		**5,100**		**5,050**		**13,400**	J
Manganese	1,600	2,000	N/A	~	**230**		**231**		**410**		**281**		**238**	
Mercury	0.18	0.30	N/A	~	0.0321	U	**0.0641**		0.034	U	0.035	U	0.0349	U
Nickel	30	320	N/A	~	**11.1**		**13.2**		**17.6**		**14.4**		**15**	
Potassium	~	~	~	~	**921**		**831**		**1,930**		**1,210**		**2,070**	
Selenium	3.9	110	N/A	~	2.2	U	2.4	U	2.36	U	2.43	U	2.42	U
Silver	2	110	N/A	~	0.443	U	0.484	U	0.476	U	0.49	U	0.489	U
Sodium	~	~	~	~	**193**	J+	**78.7**	J+	**84.2**	J+	**170**	J+	**361**	J+
Thallium	~	~	~	~	1.76	U	1.93	U	1.89	U	1.95	U	1.94	U
Vanadium	~	~	~	~	**15.7**		**26.7**		**26.9**		**21.8**		**22.8**	
Zinc	109	6,600	N/A	~	**28.3**		**39.8**		**71.9**		**39.7**		**39.5**	
Lead TCLP by EPA 6010				mg/L										
Dilution Factor														
Lead	~	~		5	NT		NT		NT		NT		NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are above Part 375 Unrestricted Use Soil Cleanup Objectives
Bold and highlighted values are above Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
J+= Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
N/A= Not Applicable
ppm= parts per million

Table 8
PFAS in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Remedial Soil Guidance PFAS Unrestricted Use	NYSDEC Part 375 Remedia lSoil Guidance PFAS Restricted Residential Use	25SB-1 (0-2)		25SB-1 (2-4)		25SB-1 (11-13)		25SB-2 (0-2)		25-SB-DUP-1(0-2)		25SB-2 (5-7)		25SB-2 (12.5-14.5)	
Laboratory ID				25E0288-04		25E0288-05		25E0288-06		25E0127-02		25E0127-01		25E0127-03		25E0127-04	
Sampling Date				5/6/2025		5/6/2025		5/6/2025		5/2/2025		5/2/2025		5/2/2025		5/2/2025	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor				1		1		1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	0.321	U	0.316	U	0.32	U	0.347	U	0.344	U	0.329	U	0.349	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	0.78	U	0.767	U	0.778	U	0.843	U	0.834	U	0.799	U	0.846	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	0.615	U	0.605	U	0.613	U	0.664	U	0.658	U	0.629	U	0.667	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	0.775	U	0.762	U	0.772	U	0.837	U	0.829	U	0.793	U	0.841	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	1.55	U	1.52	U	1.54	U	1.67	U	1.66	U	1.59	U	1.68	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	2.17	U	2.13	U	2.16	U	2.34	U	2.32	U	2.22	U	2.35	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	**0.655**	UJ	**0.644**	UJ	**0.653**	UJ	0.707	U	0.701	U	0.671	U	0.711	U
9CL-PF3ONS	756426-58-1	~	~	0.254	U	0.25	U	0.253	U	0.275	U	0.272	U	0.26	U	0.276	U
ADONA	919005-14-4	~	~	0.18	U	0.177	U	0.179	U	0.194	U	0.192	U	0.184	U	0.195	U
HFPO-DA (Gen-X)	13252-13-6	~	~	0.628	U	0.618	U	0.626	U	0.678	U	0.672	U	0.643	U	0.682	U
N-EtFOSA	4151-50-2	~	~	0.205	U	0.201	U	0.204	U	0.221	U	0.219	U	0.209	U	0.222	U
N-EtFOSAA	2991-50-6	~	~	0.2	U	0.197	U	0.2	U	0.216	U	0.214	U	0.205	U	0.217	U
N-EtFOSE	1691-99-2	~	~	0.72	U	0.708	U	0.718	U	0.778	U	0.77	U	0.737	U	0.781	U
N-MeFOSA	31506-32-8	~	~	0.186	U	0.183	U	0.185	U	0.201	U	0.199	U	0.19	U	0.202	U
N-MeFOSAA	2355-31-9	~	~	0.153	U	0.15	U	0.152	U	0.165	U	0.164	U	0.157	U	0.166	U
N-MeFOSE	24448-09-7	~	~	0.631	U	0.621	U	0.629	U	0.682	U	0.675	U	0.646	U	0.685	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	0.144	U	0.141	U	0.143	U	0.155	U	0.154	U	0.147	U	0.156	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	0.197	U	0.194	U	0.197	U	0.213	U	0.211	U	0.202	U	0.214	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	0.16	U	0.158	U	0.16	U	0.173	U	0.171	U	0.164	U	0.174	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	0.128	U	0.126	U	0.128	U	0.138	U	0.137	U	0.131	U	0.139	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	0.151	U	0.148	U	0.15	U	0.163	U	0.161	U	0.154	U	0.164	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	0.162	U	0.16	U	0.162	U	0.175	U	0.173	U	0.166	U	0.176	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	0.199	U	0.196	U	0.199	U	0.215	U	0.213	U	0.204	U	0.216	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	0.0641	R	0.063	R	0.0639	R	**0.0692**	UJ	**0.0685**	UJ	**0.0656**	UJ	**0.0695**	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	0.0992	U	0.0976	U	0.0989	U	0.107	U	0.106	U	0.102	U	0.108	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	0.115	U	0.113	U	0.114	U	0.124	U	0.123	U	0.117	U	0.124	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	0.197	U	0.194	U	0.197	U	0.213	U	0.211	U	0.202	U	0.214	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	0.175	U	0.172	U	0.174	U	0.189	U	0.187	U	0.179	U	0.189	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	0.168	U	0.166	U	0.168	U	0.182	U	0.18	U	0.172	U	0.183	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	0.109	U	0.107	U	0.108	U	0.117	U	0.116	U	0.111	U	0.118	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	0.185	U	0.182	U	0.184	U	0.2	U	0.198	U	0.189	U	0.201	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	0.0548	U	0.0539	U	0.0546	U	0.0591	U	0.0586	U	0.0561	U	0.0594	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	0.113	R	0.111	R	0.112	R	0.122	U	**0.12**	UJ	0.115	U	0.122	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	0.195	U	0.192	U	0.195	U	0.211	U	0.209	U	0.2	U	0.212	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	44	0.173	U	0.17	U	0.172	U	0.186	U	0.185	U	0.177	U	0.187	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	33	0.178	U	0.175	U	0.177	U	0.192	U	0.19	U	0.182	U	0.193	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	0.113	U	0.111	U	**0.112**	UJ	0.122	U	0.12	U	0.115	U	0.122	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	0.106	U	0.105	U	0.106	U	0.115	U	0.114	U	0.109	U	0.115	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	0.129	U	0.127	U	0.129	U	0.139	U	0.138	U	0.132	U	0.14	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	0.205	U	0.201	U	0.204	U	0.221	U	0.219	U	0.209	U	0.222	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
~=this indicates that no regulatory limit has been established for this analyte
ug/kg= microgram per kilogram

Table 8
PFAS in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Remedial Soil Guidance PFAS Unrestricted Use	NYSDEC Part 375 Remedia lSoil Guidance PFAS Restricted Residential Use	25SB-3 (0-2)		25SB-3 (4-6)		25SB-3 (11-13)		25SB-4 (0-2)		25SB-4 (3-5)		25SB-4 (11-13)	
Laboratory ID				25E0288-15		25E0288-16		25E0288-17		25E0127-05		25E0127-06		25E0127-07	
Sampling Date				5/6/2025		5/6/2025		5/6/2025		5/2/2025		5/2/2025		5/2/2025	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor				1		1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	0.327	U	0.338	U	0.351	U	0.34	U	0.347	U	0.367	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	0.795	U	0.82	U	0.853	U	0.825	U	0.842	U	0.891	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	0.626	U	0.646	U	0.672	U	0.65	U	0.664	U	0.702	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	0.789	U	0.815	U	0.847	U	0.819	U	0.837	U	0.885	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	1.58	U	1.63	U	1.69	U	1.64	U	1.67	U	1.77	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	2.21	U	2.28	U	2.37	U	2.29	U	2.34	U	2.48	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	**0.667**	UJ	**0.689**	UJ	**0.716**	UJ	0.693	U	0.707	U	0.749	U
9CL-PF3ONS	756426-58-1	~	~	0.259	U	0.267	U	0.278	U	0.269	U	0.274	U	0.29	U
ADONA	919005-14-4	~	~	0.183	U	0.189	U	0.197	U	0.19	U	0.194	U	0.205	U
HFPO-DA (Gen-X)	13252-13-6	~	~	0.64	U	0.66	U	0.687	U	0.664	U	0.678	U	0.718	U
N-EtFOSA	4151-50-2	~	~	0.208	U	**0.215**	UJ	0.224	U	0.216	U	0.221	U	0.234	U
N-EtFOSAA	2991-50-6	~	~	0.204	U	0.211	U	0.219	U	0.212	U	0.216	U	0.229	U
N-EtFOSE	1691-99-2	~	~	0.734	U	0.757	U	0.788	U	0.761	U	0.778	U	0.823	U
N-MeFOSA	31506-32-8	~	~	0.189	U	0.196	U	0.203	U	0.197	U	0.201	U	0.213	U
N-MeFOSAA	2355-31-9	~	~	0.156	U	0.161	U	0.167	U	0.162	U	0.165	U	0.175	U
N-MeFOSE	24448-09-7	~	~	0.643	U	0.664	U	0.69	U	0.667	U	0.682	U	0.721	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	0.146	U	0.151	U	0.157	U	0.152	U	0.155	U	0.164	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	0.201	U	0.207	U	0.216	U	0.209	U	0.213	U	0.225	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	0.163	U	0.168	U	0.175	U	0.169	U	0.173	U	0.183	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	0.13	U	0.135	U	0.14	U	0.135	U	0.138	U	0.146	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	0.154	U	0.159	U	0.165	U	0.159	U	0.163	U	0.172	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	0.165	U	0.171	U	0.177	U	0.172	U	0.175	U	0.185	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	0.203	U	0.21	U	0.218	U	0.211	U	0.215	U	0.228	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	0.0652	R	0.0674	R	0.0701	R	**0.0677**	UJ	**0.0692**	UJ	**0.0732**	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	0.101	U	0.104	U	0.108	U	0.105	U	0.107	U	0.113	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	0.117	U	0.121	U	0.125	U	0.121	U	0.124	U	0.131	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	0.201	U	0.207	U	0.216	U	0.209	U	0.213	U	0.225	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	0.178	U	0.184	U	0.191	U	0.185	U	0.189	U	0.2	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	0.172	U	0.177	U	0.184	U	0.178	U	0.182	U	0.192	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	0.11	U	0.114	U	0.119	U	0.115	U	0.117	U	0.124	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	0.188	U	0.194	U	0.202	U	0.196	U	0.2	U	0.211	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	0.0558	U	0.0576	U	0.0599	U	0.0579	U	0.0591	U	0.0626	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	**0.115**	UJ	0.118	R	0.123	R	0.119	U	0.122	U	0.129	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	0.199	U	0.205	U	0.214	U	0.206	U	0.211	U	0.223	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	44	0.176	U	0.181	U	0.189	U	0.182	U	0.186	U	0.197	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	33	0.181	U	0.187	U	0.194	U	0.188	U	0.192	U	0.203	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	0.115	U	0.118	U	0.123	R	0.119	U	0.122	U	0.129	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	0.108	U	0.112	U	0.116	U	0.113	U	0.115	U	0.122	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	0.132	U	0.136	U	0.141	U	0.137	U	0.139	U	0.148	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	0.208	U	0.215	U	0.224	U	0.216	U	0.221	U	0.234	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
~=this indicates that no regulatory limit has been established for this analyte
ug/kg= microgram per kilogram

Table 8
PFAS in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Remedial Soil Guidance PFAS Unrestricted Use	NYSDEC Part 375 Remedia lSoil Guidance PFAS Restricted Residential Use	25SB-5 (0-2) 25E0212-15 5/5/2025 Soil		25SB-5 (3-5) 25E0212-16 5/5/2025 Soil		25SB-5 (11-13) 25E0212-17 5/5/2025 Soil		25SB-DUP-2 (11-13) 25E0212-18 5/5/2025 Soil		25SB-6 (0-2) 25E0212-10 5/5/2025 Soil		25SB-6 (3-5) 25E0212-11 5/5/2025 Soil		25SB-6 (11.5-13.5) 25E0212-12 5/5/2025 Soil	
Laboratory ID																	
Sampling Date																	
Sample Matrix																	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor				1		1		1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	0.323	U	0.328	U	0.368	U	0.361	U	0.32	U	0.34	U	0.348	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	0.784	U	0.796	U	0.894	U	0.877	U	0.777	U	0.825	U	0.846	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	0.618	U	0.627	U	0.705	U	0.691	U	0.612	U	0.65	U	0.666	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	0.779	U	0.791	U	0.888	U	0.871	U	0.772	U	0.819	U	0.84	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	1.56	U	1.58	U	1.78	U	1.74	U	1.54	U	1.64	U	1.68	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	2.18	U	2.21	U	2.48	U	2.44	U	2.16	U	2.29	U	2.35	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	0.658	U	0.668	U	0.751	U	0.736	U	0.652	U	0.693	U	0.71	U
9CL-PF3ONS	756426-58-1	~	~	**0.255**	UJ	**0.259**	UJ	**0.291**	UJ	**0.286**	UJ	**0.253**	UJ	**0.269**	UJ	**0.275**	UJ
ADONA	919005-14-4	~	~	0.181	U	0.183	U	0.206	U	0.202	U	0.179	U	0.19	U	0.195	U
HFPO-DA (Gen-X)	13252-13-6	~	~	0.631	U	0.641	U	0.72	U	0.706	U	0.626	U	0.664	U	0.681	U
N-EtFOSA	4151-50-2	~	~	0.206	U	0.209	U	0.234	U	0.23	U	0.204	U	0.216	U	0.222	U
N-EtFOSAA	2991-50-6	~	~	0.201	U	0.205	U	0.23	U	0.225	U	0.2	U	0.212	U	0.217	U
N-EtFOSE	1691-99-2	~	~	0.724	U	0.735	U	0.825	U	0.81	U	0.717	U	0.762	U	0.781	U
N-MeFOSA	31506-32-8	~	~	0.187	U	0.19	U	0.213	U	0.209	U	0.185	U	0.197	U	0.202	U
N-MeFOSAA	2355-31-9	~	~	0.154	U	0.156	U	0.175	U	0.172	U	0.152	U	0.162	U	0.166	U
N-MeFOSE	24448-09-7	~	~	0.635	U	0.644	U	0.724	U	0.71	U	0.629	U	0.668	U	0.684	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	0.144	U	0.147	U	0.165	U	0.161	U	0.143	U	0.152	U	0.156	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	0.198	U	0.201	U	0.226	U	0.222	U	0.197	U	0.209	U	0.214	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	0.161	U	0.163	U	0.184	U	0.18	U	0.16	U	0.169	U	0.174	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	0.129	U	0.131	U	0.147	U	0.144	U	0.128	U	0.135	U	0.139	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	0.152	U	0.154	U	0.173	U	0.17	U	0.15	U	0.16	U	0.164	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	0.163	U	0.166	U	0.186	U	0.182	U	0.162	U	0.172	U	0.176	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	0.2	U	0.203	U	0.229	U	0.224	U	0.199	U	0.211	U	0.216	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	0.0644	R	0.0654	R	0.0734	R	0.072	R	0.0638	R	0.0677	R	0.0694	R
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	0.0997	U	0.101	U	0.114	U	0.112	U	0.0988	U	0.105	U	0.108	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	0.115	U	0.117	U	0.131	U	0.129	U	0.114	U	0.121	U	0.124	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	0.198	U	0.201	U	0.226	U	0.222	U	0.197	U	0.209	U	0.214	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	**0.176**	UJ	**0.178**	UJ	**0.2**	UJ	**0.196**	UJ	**0.174**	UJ	**0.185**	UJ	**0.189**	UJ
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	0.169	U	0.172	U	0.193	U	0.189	U	0.168	U	0.178	U	0.183	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	0.109	U	0.111	U	0.124	U	0.122	U	0.108	U	0.115	U	0.118	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	0.186	U	0.189	U	0.212	U	0.208	U	0.184	U	0.196	U	0.2	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	0.055	U	0.0559	U	0.0628	U	0.0616	U	0.0545	U	0.0579	U	0.0594	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	0.113	R	0.115	R	0.129	R	0.127	R	0.112	U	0.119	U	0.122	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	0.196	U	0.199	U	0.224	U	0.22	U	0.194	U	0.206	U	0.212	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	44	0.173	U	0.176	U	0.198	U	0.194	U	0.172	U	0.182	U	0.187	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	33	0.179	U	0.181	U	0.204	U	0.2	U	0.177	U	0.188	U	0.193	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	0.113	U	0.115	U	0.129	U	0.127	U	0.112	U	0.119	U	0.122	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	0.107	U	0.109	U	0.122	U	0.12	U	0.106	U	0.113	U	0.115	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	0.13	U	0.132	U	0.148	U	0.145	U	0.129	U	0.137	U	0.14	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	0.206	U	0.209	U	0.234	U	0.23	U	0.204	U	0.216	U	0.222	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
~=this indicates that no regulatory limit has been established for this analyte
ug/kg= microgram per kilogram

Table 8
PFAS in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Remedial Soil Guidance PFAS Unrestricted Use	NYSDEC Part 375 Remedia lSoil Guidance PFAS Restricted Residential Use	25SB-7 (0-2) 25E0288-12 5/6/2025 Soil		25SB-7 (3-5) 25E0288-13 5/6/2025 Soil		25SB-7 (6-8) 25E0288-14 5/6/2025 Soil		25SB-8 (0-2) 25E0288-18 5/6/2025 Soil		25SB-DUP-3 (0-2) 25E0288-21 5/6/2025 Soil		25SB-8 (3-5) 25E0288-19 5/6/2025 Soil		25SB-8 (12.5-14.5) 25E0288-20 5/6/2025 Soil	
Laboratory ID																	
Sampling Date																	
Sample Matrix																	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor				1		1		1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	0.333	U	0.342	U	0.346	U	0.325	U	**0.328**	UJ	**0.316**	UJ	**0.326**	UJ
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	0.808	U	0.83	U	0.84	U	0.789	U	0.797	U	0.768	U	0.79	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	0.637	U	0.654	U	0.662	U	0.622	U	0.628	U	0.605	U	0.623	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	0.803	U	0.825	U	0.834	U	0.784	U	0.792	U	0.763	U	0.785	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	1.61	U	1.65	U	1.67	U	1.57	U	1.58	U	1.53	U	1.57	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	2.25	U	2.31	U	2.33	U	2.19	U	2.22	U	2.13	U	2.2	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	**0.679**	UJ	**0.697**	UJ	**0.705**	UJ	**0.663**	UJ	0.67	U	0.645	U	0.664	U
9CL-PF3ONS	756426-58-1	~	~	0.263	U	0.27	U	0.274	U	0.257	U	**0.26**	UJ	**0.25**	UJ	**0.257**	UJ
ADONA	919005-14-4	~	~	0.186	U	0.191	U	0.194	U	0.182	U	0.184	U	0.177	U	0.182	U
HFPO-DA (Gen-X)	13252-13-6	~	~	0.651	U	0.668	U	0.676	U	0.635	U	0.642	U	0.618	U	0.636	U
N-EtFOSA	4151-50-2	~	~	0.212	U	0.218	U	0.22	U	0.207	U	0.209	U	0.201	U	0.207	U
N-EtFOSAA	2991-50-6	~	~	0.208	U	0.213	U	0.216	U	0.203	U	0.205	U	0.197	U	0.203	U
N-EtFOSE	1691-99-2	~	~	0.746	U	0.766	U	0.775	U	0.728	U	0.736	U	0.709	U	0.73	U
N-MeFOSA	31506-32-8	~	~	0.193	U	0.198	U	0.2	U	0.188	U	0.19	U	0.183	U	0.188	U
N-MeFOSAA	2355-31-9	~	~	0.158	U	0.163	U	0.165	U	0.155	U	0.156	U	0.151	U	0.155	U
N-MeFOSE	24448-09-7	~	~	0.654	U	0.672	U	0.68	U	0.638	U	0.645	U	0.621	U	0.64	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	0.149	U	0.153	U	0.155	U	0.145	U	0.147	U	0.141	U	0.145	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	0.204	U	0.21	U	0.212	U	0.2	U	0.202	U	0.194	U	0.2	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	0.166	U	0.17	U	0.172	U	0.162	U	0.164	U	0.158	U	0.162	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	0.133	U	0.136	U	0.138	U	0.13	U	0.131	UJ	**0.126**	UJ	**0.13**	UJ
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	0.156	U	0.161	U	0.162	U	0.153	U	0.154	U	0.148	U	0.153	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	0.168	U	0.173	U	0.175	U	0.164	U	0.166	U	0.16	U	0.164	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	0.207	U	0.212	U	0.215	U	0.202	U	0.204	U	0.196	U	0.202	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	0.0664	R	0.0682	R	0.069	R	0.0648	R	0.0655	R	0.0631	R	0.0649	R
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	0.103	U	0.106	U	0.107	U	0.1	U	**0.101**	UJ	0.0976	U	0.1	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	0.119	U	0.122	U	0.123	U	0.116	U	0.117	U	0.113	U	0.116	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	0.204	U	0.21	U	0.212	U	0.2	U	0.202	U	0.194	U	0.2	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	0.181	U	0.186	U	0.188	U	0.177	U	**0.178**	UJ	**0.172**	UJ	**0.177**	UJ
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	0.175	U	0.179	U	0.181	U	0.17	U	0.172	U	0.166	U	0.171	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	0.112	U	0.115	U	0.117	U	0.11	U	0.111	U	0.107	U	0.11	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	0.192	U	0.197	U	0.199	U	0.187	U	0.189	U	0.182	U	0.187	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	0.0567	U	0.0583	U	0.059	U	0.0554	U	0.056	U	0.0539	U	0.0555	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	0.117	R	0.12	R	0.121	R	0.114	R	0.115	U	0.111	U	0.114	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	0.202	U	0.208	U	0.21	U	0.197	U	0.2	U	0.192	U	0.198	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	44	0.179	U	0.184	U	0.186	U	0.175	U	0.176	U	0.17	U	0.175	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	33	0.184	U	0.189	U	0.191	U	0.18	U	0.182	U	0.175	U	0.18	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	**0.117**	UJ	0.12	U	**0.121**	UJ	**0.114**	UJ	0.115	U	0.111	U	0.114	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	0.11	U	0.113	U	0.115	U	0.108	U	0.109	U	0.105	U	0.108	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	0.134	U	0.137	U	0.139	U	0.131	U	0.132	U	0.127	U	0.131	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	0.212	U	0.218	U	0.22	U	0.207	U	0.209	U	0.201	U	0.207	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
~=this indicates that no regulatory limit has been established for this analyte
ug/kg= microgram per kilogram

Table 8
PFAS in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Remedial Soil Guidance PFAS Unrestricted Use	NYSDEC Part 375 Remedia lSoil Guidance PFAS Restricted Residential Use	25SB-9 (0-2)		25SB-9 (2-4)		25SB-9 (12-14)		25SB-10 (0-2)		25SB-10 (2-4)		25SB-10 (11-13)	
Laboratory ID				25E0212-07		25E0212-08		25E0212-09		25E0127-08		25E0127-09		25E0127-10	
Sampling Date				5/5/2025		5/5/2025		5/5/2025		5/2/2025		5/2/2025		5/2/2025	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor				1		1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	0.348	U	0.334	U	0.37	U	0.333	U	0.33	U	0.337	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	0.845	U	0.811	U	0.898	U	0.809	U	0.801	U	0.819	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	0.666	U	0.639	U	0.708	U	0.638	U	0.631	U	0.645	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	0.84	U	0.805	U	0.892	U	0.804	U	0.796	U	0.813	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	1.68	U	1.61	U	1.78	U	1.61	U	1.59	U	1.63	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	2.35	U	2.25	U	2.5	U	2.25	U	2.23	U	2.27	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	0.71	U	0.681	U	0.754	U	0.68	U	0.673	U	0.687	U
9CL-PF3ONS	756426-58-1	~	~	**0.275**	UJ	**0.264**	UJ	**0.293**	UJ	0.264	U	0.261	U	0.267	U
ADONA	919005-14-4	~	~	0.195	U	0.187	U	0.207	U	0.187	U	0.185	U	0.189	U
HFPO-DA (Gen-X)	13252-13-6	~	~	0.681	U	0.653	U	0.723	U	0.652	U	0.645	U	0.659	U
N-EtFOSA	4151-50-2	~	~	0.222	U	0.213	U	0.236	U	0.212	U	0.21	U	0.215	U
N-EtFOSAA	2991-50-6	~	~	0.217	U	0.208	U	0.231	U	0.208	U	0.206	U	0.21	U
N-EtFOSE	1691-99-2	~	~	0.78	U	0.749	U	0.829	U	0.747	U	0.74	U	0.756	U
N-MeFOSA	31506-32-8	~	~	0.202	U	0.193	U	0.214	U	0.193	U	0.191	U	0.195	U
N-MeFOSAA	2355-31-9	~	~	0.166	U	0.159	U	0.176	U	0.159	U	0.157	U	0.16	U
N-MeFOSE	24448-09-7	~	~	0.684	U	0.656	U	0.727	U	0.655	U	0.648	U	0.662	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	0.156	U	0.149	U	0.165	U	0.149	U	0.147	U	0.151	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	0.214	U	0.205	U	0.227	U	0.205	U	0.203	U	0.207	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	0.174	U	0.166	U	0.184	U	0.166	U	0.164	U	0.168	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	0.139	U	0.133	U	0.148	U	0.133	U	0.132	U	0.134	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	0.163	U	0.157	U	0.174	U	0.157	U	0.155	U	0.158	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	0.176	U	0.169	U	0.187	U	0.168	U	0.167	U	0.17	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	0.216	U	0.207	U	0.23	U	0.207	U	0.205	U	0.209	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	0.0694	R	0.0666	R	0.0738	R	**0.0665**	UJ	**0.0658**	UJ	**0.0672**	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	0.107	U	0.103	U	0.114	U	0.103	U	0.102	U	0.104	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	0.124	U	0.119	U	0.132	U	0.119	U	0.118	U	0.12	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	0.214	U	0.205	U	**0.227**	UJ	0.205	U	0.203	U	0.207	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	**0.189**	UJ	**0.181**	UJ	0.201	U	0.181	U	0.179	U	0.183	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	0.182	U	0.175	U	0.194	U	0.175	U	0.173	U	0.177	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	0.118	U	0.113	U	0.125	U	0.113	U	0.111	U	0.114	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	0.2	U	0.192	U	0.213	U	0.192	U	0.19	U	0.194	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	0.0593	U	0.0569	U	0.0631	U	0.0568	U	0.0562	U	0.0575	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	**0.122**	UJ	0.117	U	0.13	U	0.117	U	0.116	R	0.118	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	0.212	U	0.203	U	0.225	U	0.203	U	0.201	U	0.205	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	44	0.187	U	0.179	U	0.199	U	0.179	U	0.177	U	0.181	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	33	0.193	U	0.185	U	0.205	U	0.184	U	0.183	U	0.186	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	0.122	U	0.117	U	0.13	U	0.117	U	0.116	U	0.118	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	0.115	U	0.111	U	0.123	U	0.11	U	0.109	U	0.112	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	0.14	U	0.134	U	0.149	U	0.134	U	0.133	U	0.136	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	0.222	U	0.213	U	0.236	U	0.212	U	0.21	U	0.215	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
~=this indicates that no regulatory limit has been established for this analyte
ug/kg= microgram per kilogram

Table 8
PFAS in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Remedial Soil Guidance PFAS Unrestricted Use	NYSDEC Part 375 Remedia lSoil Guidance PFAS Restricted Residential Use	25SB-11 (0-1.5)		25SB-12 (0-2)		25SB-12 (3-5)		25SB-12 (11-13)		25SB-13 (0-2)		25SB-13 (3-5)		25SB-13 (13-15)	
Laboratory ID				25E0288-10		25E0212-01		25E0212-02		25E0212-03		25E0212-04		25E0212-05		25E0212-06	
Sampling Date				5/6/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025		5/5/2025	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor				1		1		1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	0.354	U	0.337	U	0.338	U	0.368	U	0.316	U	**0.371**	UJ	0.331	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	0.859	U	0.818	U	0.821	U	0.894	U	0.766	U	0.9	U	0.804	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	0.677	U	0.645	U	0.647	U	0.704	U	0.604	U	0.709	U	0.634	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	0.854	U	0.813	U	0.815	U	0.888	U	0.761	U	0.894	U	0.799	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	1.71	U	1.63	U	1.63	U	1.78	U	1.52	U	1.79	U	1.6	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	2.39	U	2.27	U	2.28	U	2.48	U	2.13	U	2.5	U	2.23	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	**0.722**	UJ	0.687	U	0.689	U	0.75	U	0.644	U	0.756	U	0.675	U
9CL-PF3ONS	756426-58-1	~	~	0.28	U	**0.267**	UJ	**0.267**	UJ	**0.291**	UJ	**0.25**	UJ	**0.293**	UJ	**0.262**	UJ
ADONA	919005-14-4	~	~	0.198	U	0.189	U	0.189	U	0.206	U	0.177	U	0.207	U	0.185	U
HFPO-DA (Gen-X)	13252-13-6	~	~	0.692	U	0.659	U	0.661	U	0.72	U	0.617	U	0.725	U	0.647	U
N-EtFOSA	4151-50-2	~	~	0.225	U	0.215	U	0.215	U	0.234	U	0.201	U	0.236	U	0.211	U
N-EtFOSAA	2991-50-6	~	~	0.221	U	0.21	U	0.211	U	0.23	U	0.197	U	0.231	U	0.207	U
N-EtFOSE	1691-99-2	~	~	0.793	U	0.755	U	0.758	U	0.825	U	0.708	U	0.831	U	0.742	U
N-MeFOSA	31506-32-8	~	~	0.205	U	0.195	U	0.196	U	0.213	U	0.183	U	0.215	U	0.192	U
N-MeFOSAA	2355-31-9	~	~	0.168	U	0.16	U	0.161	U	0.175	U	0.15	U	0.176	U	0.158	U
N-MeFOSE	24448-09-7	~	~	0.695	U	0.662	U	0.664	U	0.723	U	0.62	U	0.729	U	0.651	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	0.158	U	0.151	U	0.151	U	0.165	U	0.141	U	0.166	U	0.148	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	0.217	U	0.207	U	0.208	U	0.226	U	0.194	U	0.228	U	0.203	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	0.176	U	0.168	U	0.168	U	0.183	U	0.157	U	0.185	U	0.165	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	0.141	U	0.134	U	0.135	U	0.147	U	0.126	U	**0.148**	UJ	0.132	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	0.166	U	0.158	U	0.159	U	0.173	U	0.148	U	0.174	U	0.155	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	0.179	U	0.17	U	0.171	U	0.186	U	0.159	U	0.187	U	0.167	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	0.22	U	0.209	U	0.21	U	0.228	U	0.196	U	0.23	U	0.206	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	0.0706	R	0.0672	R	0.0674	R	0.0734	R	0.0629	R	0.0739	R	0.066	R
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	0.109	U	0.104	U	0.104	U	0.114	U	0.0975	U	0.114	U	0.102	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	0.126	U	0.12	U	0.121	U	0.131	U	0.113	U	0.132	U	0.118	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	0.217	U	0.207	U	0.208	U	0.226	U	0.194	U	0.228	U	0.203	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	0.192	U	**0.183**	UJ	**0.184**	UJ	**0.2**	UJ	**0.172**	UJ	**0.202**	UJ	**0.18**	UJ
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	0.186	U	0.177	U	0.177	U	0.193	U	0.165	U	0.194	U	0.174	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	0.12	U	0.114	U	0.114	U	0.124	U	0.107	U	0.125	U	0.112	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	0.204	U	0.194	U	0.195	U	0.212	U	0.182	U	0.213	U	0.191	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	0.0603	U	0.0574	U	0.0576	U	0.0627	U	0.0538	U	0.0632	U	0.0564	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	0.124	R	**0.118**	UJ	0.118	R	0.129	R	**0.111**	UJ	0.13	R	**0.116**	UJ
Perfluorononanoic acid (PFNA)	375-95-1	~	~	0.215	U	0.205	U	0.205	U	0.224	U	0.192	U	0.225	U	0.201	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	44	0.19	U	0.181	U	0.182	U	0.198	U	0.17	U	0.199	U	0.178	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	33	0.196	U	0.186	U	0.187	U	0.204	U	0.175	U	0.205	U	0.183	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	**0.124**	UJ	0.118	U	0.118	U	**0.129**	UJ	0.111	U	0.13	U	0.116	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	0.117	U	0.112	U	0.112	U	0.122	U	0.105	U	0.123	U	0.11	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	0.142	U	0.135	U	0.136	U	0.148	U	0.127	U	0.149	U	0.133	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	0.225	U	0.215	U	0.215	U	0.234	U	0.201	U	0.236	U	0.211	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
~=this indicates that no regulatory limit has been established for this analyte
ug/kg= microgram per kilogram

Table 8
PFAS in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC Part 375 Remedial Soil Guidance PFAS Unrestricted Use	NYSDEC Part 375 Remedia lSoil Guidance PFAS Restricted Residential Use	25SB-14 (0-2)		25SB-14 (4-6)		25SB-14 (10-12)		25SB-15 (0-2)		25SB-15 (4-6)		25SB-15 (10-12)	
Laboratory ID				25E0288-07		25E0288-08		25E0288-09		25E0288-01		25E0288-02		25E0288-03	
Sampling Date				5/6/2025		5/6/2025		5/6/2025		5/6/2025		5/6/2025		5/6/2025	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor				1		1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	0.323	U	0.352	U	0.367	U	0.316	U	0.323	U	0.379	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	0.785	U	0.854	U	0.892	U	0.767	U	0.785	U	0.919	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	0.619	U	0.673	U	0.703	U	0.605	U	0.618	U	0.724	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	0.78	U	0.849	U	0.886	U	0.762	U	0.78	U	0.913	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	1.56	U	1.7	U	1.77	U	1.52	U	1.56	U	1.83	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	2.18	U	2.37	U	**2.48**	UJ	2.13	U	2.18	U	2.55	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	**0.659**	UJ	**0.717**	UJ	0.749	U	**0.644**	UJ	**0.659**	UJ	**0.772**	UJ
9CL-PF3ONS	756426-58-1	~	~	0.256	U	0.278	U	0.291	U	0.25	U	0.256	U	0.299	U
ADONA	919005-14-4	~	~	0.181	U	0.197	U	0.206	U	0.177	U	0.181	U	0.212	U
HFPO-DA (Gen-X)	13252-13-6	~	~	0.632	U	0.688	U	0.718	U	0.618	U	0.632	U	0.74	U
N-EtFOSA	4151-50-2	~	~	0.206	U	0.224	U	0.234	U	0.201	U	0.206	U	0.241	U
N-EtFOSAA	2991-50-6	~	~	0.202	U	0.219	U	0.229	U	0.197	U	0.202	U	0.236	U
N-EtFOSE	1691-99-2	~	~	0.725	U	0.789	U	0.823	U	0.708	U	0.724	U	0.848	U
N-MeFOSA	31506-32-8	~	~	0.187	U	0.204	U	0.213	U	0.183	U	0.187	U	0.219	U
N-MeFOSAA	2355-31-9	~	~	0.154	U	0.167	U	0.175	U	0.15	U	0.154	U	0.18	U
N-MeFOSE	24448-09-7	~	~	0.635	U	0.691	U	0.722	U	0.621	U	0.635	U	0.744	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	0.144	U	0.157	U	0.164	U	0.141	U	0.144	U	0.169	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	0.199	U	0.216	U	0.226	U	0.194	U	0.199	U	0.232	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	0.161	U	0.175	U	0.183	U	0.158	U	0.161	U	0.189	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	0.129	U	0.14	U	0.146	U	0.126	U	0.129	U	0.151	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	0.152	U	0.165	U	0.172	U	0.148	U	0.152	U	0.178	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	0.163	U	0.178	U	0.185	U	0.16	U	0.163	U	0.191	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	0.201	U	0.218	U	0.228	U	0.196	U	0.201	U	0.235	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	0.0644	R	0.0701	R	0.0732	R	0.063	R	0.0644	R	0.0755	R
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	0.0998	U	0.109	U	0.113	U	0.0976	U	0.0998	U	0.117	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	0.115	U	0.126	U	0.131	U	0.113	U	0.115	U	0.135	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	0.199	U	0.216	U	0.226	U	0.194	U	0.199	U	0.232	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	0.176	U	0.191	U	0.2	U	0.172	U	0.176	U	0.206	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	0.169	U	0.184	U	0.193	U	0.166	U	0.169	U	0.198	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	0.109	U	0.119	U	0.124	U	0.107	U	0.109	U	0.128	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	0.186	U	0.203	U	0.211	U	0.182	U	0.186	U	0.218	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	0.0551	U	0.06	U	0.0626	U	0.0539	U	0.0551	U	0.0645	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	0.113	R	0.123	R	0.129	R	0.111	R	0.113	R	0.133	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	0.196	U	0.214	U	0.223	U	0.192	U	0.196	U	0.23	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	44	0.174	U	0.189	U	0.197	U	0.17	U	0.174	U	0.203	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	33	0.179	U	0.195	U	0.203	U	0.175	U	0.179	U	0.209	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	0.113	U	**0.123**	UJ	0.129	R	**0.111**	UJ	0.113	R	0.133	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	0.107	U	0.117	U	0.122	U	0.105	U	0.107	U	0.125	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	0.13	U	0.141	U	0.148	U	0.127	U	0.13	U	0.152	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	0.206	U	0.224	U	0.234	U	0.201	U	0.206	U	0.241	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U= Analyte not detected at or above the level indicated
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
~=this indicates that no regulatory limit has been established for this analyte
ug/kg= microgram per kilogram

Table 8
PFAS in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	26SB-1 (0-2) 26B0173-01 2/4/2026 Soil		26SB-1 (6-8) 26B0173-02 2/4/2026 Soil		26SB-1 (15-17) 26B0173-03 2/4/2026 Soil		26SB-2 (0-2) 26B0173-04 2/4/2026 Soil		26SB-2 (7-9) 26B0173-05 2/4/2026 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Q_P_PFAS, EPA 1633a NFDHA	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor			1		1		1		1		1	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	~	0.438	U	0.412	U	0.425	U	0.461	U	0.424	U
Q_P_PFAS, EPA 1633a Target List			ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor			1		1		1		1		1	
11CL-PF3OUdS	~	~	0.247	U	0.232	U	0.24	U	0.26	U	0.239	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	~	~	0.18	U	0.169	U	0.174	U	0.189	U	0.174	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	~	~	0.247	U	0.232	U	0.24	U	0.26	U	0.239	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	~	~	0.202	U	0.19	U	0.196	U	0.213	U	0.196	U
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	~	~	1.06	U	0.993	U	1.02	U	1.11	U	1.02	U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	~	~	0.821	U	0.771	U	0.795	U	0.864	U	0.793	U
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	~	~	0.36	U	0.338	U	0.348	U	0.379	U	0.348	U
9CL-PF3ONS	~	~	0.303	U	0.285	U	0.294	U	0.319	U	0.293	U
ADONA	~	~	0.292	U	0.275	U	0.283	U	0.308	U	0.282	U
HFPO-DA (Gen-X)	~	~	0.259	U	0.243	U	0.25	U	0.272	U	0.25	U
N-EtFOSA	~	~	0.101	U	0.095	U	0.098	U	0.106	U	0.0978	U
N-EtFOSAA	~	~	0.101	U	0.095	U	0.098	U	0.106	U	0.0978	U
N-EtFOSE	~	~	0.517	U	0.486	U	0.501	U	0.544	U	**0.5**	J
N-MeFOSA	~	~	0.146	U	0.137	U	0.142	U	0.154	U	0.141	U
N-MeFOSAA	~	~	0.0899	U	0.0845	U	0.0871	U	0.0946	U	0.0869	U
N-MeFOSE	~	~	0.821	U	0.771	U	0.795	U	0.864	U	0.793	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	~	0.0674	U	0.0634	U	0.0653	U	0.071	U	0.0652	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	0.0674	U	0.0634	U	0.0653	U	0.071	U	0.0652	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	0.0787	U	0.0739	U	0.0762	U	0.0828	U	0.076	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	~	0.157	U	0.148	U	0.152	U	0.166	U	0.152	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	0.0337	U	0.0317	U	0.0327	U	0.0355	U	0.0326	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	~	0.0787	U	0.0739	U	0.0762	U	0.0828	U	0.076	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	~	0.045	U	0.0422	U	0.0436	U	0.0473	U	0.0434	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	~	0.135	U	0.127	U	0.131	U	0.142	U	0.13	U
Perfluorobutanesulfonic acid (PFBS)	~	~	0.0787	U	0.0739	U	0.0762	U	0.0828	U	0.076	U
Perfluorodecanoic acid (PFDA)	~	~	0.0899	U	0.0845	U	0.0871	U	0.0946	U	0.0869	U
Perfluorododecanesulfonic acid (PFDoS)	~	~	0.169	U	0.158	U	0.163	U	0.177	U	0.163	U
Perfluorododecanoic acid (PFDoA)	~	~	0.0899	U	0.0845	U	0.0871	U	0.0946	U	0.0869	U
Perfluoroheptanoic acid (PFHpA)	~	~	0.124	U	0.116	U	0.12	U	0.13	U	0.119	U
Perfluorohexanesulfonic acid (PFHxS)	~	~	0.0787	U	0.0739	U	0.0762	U	0.0828	U	0.076	U
Perfluorohexanoic acid (PFHxA)	~	~	0.0562	U	0.0528	U	**0.14**	J	0.0592	U	0.0543	U
Perfluoro-n-butanoic acid (PFBA)	~	~	0.18	U	0.169	U	0.174	U	0.189	U	0.174	U
Perfluorononanoic acid (PFNA)	~	~	0.157	U	0.148	U	0.152	U	0.166	U	0.152	U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	**0.118**	J	0.0739	U	0.0762	U	0.0828	U	0.076	U
Perfluorooctanoic acid (PFOA)	0.66	33	**0.134**	J	0.0739	U	**0.107**	J	0.0828	U	0.076	U
Perfluoropentanoic acid (PFPeA)	~	~	0.0899	U	0.0845	U	**0.142**	J	0.0946	U	0.0869	U
Perfluorotetradecanoic acid (PFTA)	~	~	0.146	U	0.137	U	0.142	U	0.154	U	0.141	U
Perfluorotridecanoic acid (PFTrDA)	~	~	0.124	U	0.116	U	0.12	U	0.13	U	0.119	U
Perfluoroundecanoic acid (PFUnA)	~	~	0.124	U	0.116	U	0.12	U	0.13	U	0.119	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
ug/kg= microgram per kilogram

Table 8
PFAS in Soil Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	26SB-2 (17-19) 26B0173-06 2/4/2026 Soil		26SB-4 (0-2) 26B0173-07 2/4/2026 Soil		26SB-4 (5-7) 26B0173-08 2/4/2026 Soil		26SB-4 (17-19) 26B0173-09 2/4/2026 Soil		Field Dup-020426 26B0173-11 2/4/2026 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Q_P_PFAS, EPA 1633a NFDHA	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor			1		1		1		1		1	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	~	0.418	U	0.442	U	0.442	U	0.455	U	0.454	U
Q_P_PFAS, EPA 1633a Target List			ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor			1		1		1		1		1	
11CL-PF3OUdS	~	~	0.236	U	0.249	U	0.249	U	0.257	U	0.256	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	~	~	0.171	U	0.181	U	0.181	U	0.187	U	0.186	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	~	~	0.236	U	0.249	U	0.249	U	0.257	U	0.256	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	~	~	0.193	U	0.204	U	0.204	U	0.21	U	0.209	U
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	~	~	1.01	U	1.07	U	1.06	U	1.1	U	1.09	U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	~	~	0.782	U	0.828	U	0.827	U	0.851	U	0.85	U
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	~	~	0.343	U	0.363	U	0.362	U	0.373	U	0.372	U
9CL-PF3ONS	~	~	0.289	U	0.306	U	0.306	U	0.315	U	0.314	U
ADONA	~	~	0.279	U	0.295	U	0.294	U	0.303	U	0.303	U
HFPO-DA (Gen-X)	~	~	0.246	U	0.261	U	0.26	U	0.268	U	0.268	U
N-EtFOSA	~	~	0.0964	U	0.102	U	0.102	U	0.105	U	0.105	U
N-EtFOSAA	~	~	0.0964	U	0.102	U	0.102	U	0.105	U	0.105	U
N-EtFOSE	~	~	0.493	U	0.522	U	0.521	U	0.536	U	0.535	U
N-MeFOSA	~	~	0.139	U	0.147	U	0.147	U	0.152	U	0.151	U
N-MeFOSAA	~	~	0.0857	U	0.0907	U	0.0906	U	0.0933	U	0.0931	U
N-MeFOSE	~	~	0.782	U	0.828	U	0.827	U	0.851	U	0.85	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	~	0.0643	U	0.068	U	0.068	U	0.07	U	0.0698	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	0.0643	U	0.068	U	0.068	U	0.07	U	0.0698	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	0.075	U	0.0794	U	0.0793	U	0.0816	U	0.0815	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	~	0.15	U	0.159	U	0.159	U	0.163	U	0.163	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	0.0321	U	0.034	U	0.034	U	0.035	U	0.0349	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	~	0.075	U	0.0794	U	0.0793	U	0.0816	U	0.0815	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	~	0.0429	U	0.0454	U	0.0453	U	0.0466	U	0.0466	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	~	0.129	U	0.136	U	0.136	U	0.14	U	0.14	U
Perfluorobutanesulfonic acid (PFBS)	~	~	0.075	U	0.0794	U	0.0793	U	0.0816	U	0.0815	U
Perfluorodecanoic acid (PFDA)	~	~	0.0857	U	0.0907	U	0.0906	U	0.0933	U	0.0931	U
Perfluorododecanesulfonic acid (PFDoS)	~	~	0.161	U	0.17	U	0.17	U	0.175	U	0.175	U
Perfluorododecanoic acid (PFDoA)	~	~	0.0857	U	0.0907	U	0.0906	U	0.0933	U	0.0931	U
Perfluoroheptanoic acid (PFHpA)	~	~	0.118	U	0.125	U	0.125	U	0.128	U	0.128	U
Perfluorohexanesulfonic acid (PFHxS)	~	~	0.075	U	0.0794	U	0.0793	U	0.0816	U	0.0815	U
Perfluorohexanoic acid (PFHxA)	~	~	0.0536	U	0.0567	U	0.0566	U	0.0583	U	**0.0812**	J
Perfluoro-n-butanoic acid (PFBA)	~	~	0.171	U	0.181	U	0.181	U	0.187	U	0.186	U
Perfluorononanoic acid (PFNA)	~	~	0.15	U	0.159	U	0.159	U	0.163	U	0.163	U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	**0.0934**	J	0.0794	U	0.0793	U	0.0816	U	0.0815	U
Perfluorooctanoic acid (PFOA)	0.66	33	**0.141**	J	**0.308**		0.0793	U	**0.102**	J	0.0815	U
Perfluoropentanoic acid (PFPeA)	~	~	0.0857	U	0.0907	U	0.0906	U	0.0933	U	**0.427**	J
Perfluorotetradecanoic acid (PFTA)	~	~	0.139	U	0.147	U	0.147	U	0.152	U	0.151	U
Perfluorotridecanoic acid (PFTrDA)	~	~	0.118	U	0.125	U	0.125	U	0.128	U	0.128	U
Perfluoroundecanoic acid (PFUnA)	~	~	0.118	U	0.125	U	0.125	U	0.128	U	0.128	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) .
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
ug/kg= microgram per kilogram

Table 9 - VOCs in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	GW-1		GW-2		MW-1		MW-2		MW-3	
Laboratory ID			24G1297-01		24G1297-02		24H0588-01		24H0588-02		24H0588-03	
Sampling Date			7/18/2024		7/18/2024		8/8/2024		8/8/2024		8/8/2024	
Sample Matrix			Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER		ppb	ppb		ppb		ppb		ppb		ppb	
Dilution Factor			1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	0.216	U	0.216	U	0.2	U	0.2	U	0.2	U
1,1,1-Trichloroethane	71-55-6	5	0.266	U	0.266	U	0.2	U	0.2	U	0.2	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.256	U	0.256	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.286	U	0.286	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloroethane	79-00-5	1	0.249	U	0.249	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	75-34-3	5	0.272	U	0.272	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethylene	75-35-4	5	0.327	U	0.327	U	0.2	U	0.2	U	0.2	U
1,2,3-Trichlorobenzene	87-61-6	5	0.222	U	0.222	U	0.2	U	0.2	U	0.2	U
1,2,3-Trichloropropane	96-18-4	0.04	0.273	U	0.273	U	0.2	U	0.2	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	5	0.138	U	0.138	U	0.2	U	0.2	U	0.2	U
1,2,4-Trimethylbenzene	95-63-6	5	0.31	U	0.31	U	0.2	U	0.2	U	0.2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.432	U	0.432	U	0.2	U	0.2	U	0.2	U
1,2-Dibromoethane	106-93-4	0.0006	0.215	U	0.215	U	0.2	U	0.2	U	0.2	U
1,2-Dichlorobenzene	95-50-1	3	0.27	U	0.27	U	0.2	U	0.2	U	0.2	U
1,2-Dichloroethane	107-06-2	0.6	0.377	U	0.377	U	0.2	U	0.2	U	0.2	U
1,2-Dichloropropane	78-87-5	1	0.327	U	0.327	U	0.2	U	0.2	U	0.2	U
1,3,5-Trimethylbenzene	108-67-8	5	0.347	U	0.347	U	0.2	U	0.2	U	0.2	U
1,3-Dichlorobenzene	541-73-1	3	0.283	U	0.283	U	0.2	U	0.2	U	0.2	U
1,3-Dichloropropane	142-28-9	5	0.26	U	0.26	U	NT		NT		NT	
1,4-Dichlorobenzene	106-46-7	3	0.311	U	0.311	U	0.2	U	0.2	U	0.2	U
1,4-Dioxane	123-91-1	0.35	35.3	U	35.3	U	40	U	40	U	40	U
2-Butanone	78-93-3	50	0.421	U	0.421	U	0.2	U	0.2	U	**0.23**	J
2-Hexanone	591-78-6	50	0.32	U	0.32	U	0.2	U	0.2	U	0.2	U
4-Methyl-2-pentanone	108-10-1	~	0.365	U	0.365	U	0.2	U	0.2	U	0.2	U
Acetone	67-64-1	50	1.34	U	1.34	U	1	U	1.4	U	1.5	U
Acrolein	107-02-8	~	0.447	U	0.447	U	0.2	U	0.2	U	0.2	U
Acrylonitrile	107-13-1	~	0.422	U	0.422	U	0.2	U	0.2	U	0.2	U
Benzene	71-43-2	1	0.279	U	0.279	U	0.2	U	0.2	U	0.2	U
Bromochloromethane	74-97-5	5	0.354	U	0.354	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	75-27-4	50	0.245	U	0.245	U	0.2	U	0.2	U	0.2	U
Bromoform	75-25-2	50	0.163	U	0.163	U	0.2	U	0.2	U	0.2	U
Bromomethane	74-83-9	5	0.119	U	0.119	U	0.2	R	0.2	R	0.2	R
Carbon disulfide	75-15-0	~	0.362	U	0.362	U	0.2	U	0.2	U	0.2	U
Carbon tetrachloride	56-23-5	5	0.204	U	0.204	U	0.2	U	0.2	U	0.2	U
Chlorobenzene	108-90-7	5	0.284	U	0.284	U	0.2	U	0.2	U	0.2	U
Chloroethane	75-00-3	5	0.448	U	0.448	U	0.2	U	0.2	U	0.2	U
Chloroform	67-66-3	7	**2.65**		0.243	U	**2.4**		**6.9**		**0.53**	
Chloromethane	74-87-3	5	0.372	U	0.372	U	0.2	U	0.2	U	0.2	U
cis-1,2-Dichloroethylene	156-59-2	5	0.294	U	0.294	U	**0.4**	J	0.2	U	0.2	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.262	U	0.262	U	0.2	U	0.2	U	0.2	U
Cyclohexane	110-82-7	~	0.491	U	0.491	U	0.2	U	0.2	U	0.2	U
Dibromochloromethane	124-48-1	50	0.146	U	0.146	U	0.2	U	0.2	U	0.2	U
Dibromomethane	74-95-3	~	0.203	U	0.203	U	0.2	U	0.2	U	0.2	U
Dichlorodifluoromethane	75-71-8	5	0.451	U	0.451	U	**0.65**		0.2	U	0.2	U
Ethyl Benzene	100-41-4	5	0.29	U	0.29	U	0.2	U	0.2	U	0.2	U
Hexachlorobutadiene	87-68-3	0.5	0.241	U	0.241	U	0.2	U	0.2	U	0.2	U
Isopropylbenzene	98-82-8	5	0.405	U	0.405	U	0.2	U	0.2	U	0.2	U
Methyl acetate	79-20-9	~	0.442	U	0.442	U	0.2	U	0.2	U	0.2	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.244	U	0.244	U	0.2	U	0.2	U	0.2	U
Methylcyclohexane	108-87-2	~	0.477	U	0.477	U	0.2	U	0.2	U	0.2	U
Methylene chloride	75-09-2	5	0.397	U	0.397	U	1	U	1	U	1	U
Naphthalene	91-20-3	10	0.212	U	0.212	U	NT		NT		NT	
n-Butylbenzene	104-51-8	5	0.399	U	0.399	U	0.2	U	0.2	U	0.2	U
n-Propylbenzene	103-65-1	5	0.384	U	0.384	U	0.2	U	0.2	U	0.2	U
o-Xylene	95-47-6	5	0.261	U	0.261	U	0.2	U	0.2	U	0.2	U
p- & m- Xylenes	179601-23-1	~	0.578	U	0.578	U	0.5	U	0.5	U	0.5	U
p-Diethylbenzene	105-05-5	~	0.341	U	0.341	U	NT		NT		NT	
p-Ethyltoluene	622-96-8	~	0.2	U	0.2	U	NT		NT		NT	
p-Isopropyltoluene	99-87-6	5	0.377	U	0.377	U	0.2	U	0.2	U	0.2	U
sec-Butylbenzene	135-98-8	5	0.444	U	0.444	U	0.2	U	0.2	U	0.2	U
Styrene	100-42-5	5	0.255	U	0.255	U	0.2	U	0.2	U	0.2	U
tert-Butyl alcohol (TBA)	75-65-0	~	0.608	U	0.608	U	0.5	U	0.5	U	0.5	U
tert-Butylbenzene	98-06-6	5	0.367	U	0.367	U	0.2	U	0.2	U	0.2	U
Tetrachloroethylene	127-18-4	5	**8.37**	J-	**0.239**	UJ	**33**	J-	**0.82**	J-	**0.2**	UJ
Toluene	108-88-3	5	0.346	U	0.346	U	0.2	U	0.2	U	0.2	U
trans-1,2-Dichloroethylene	156-60-5	5	0.279	U	0.279	U	**10**		0.2	U	0.2	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.229	U	0.229	U	0.2	U	0.2	U	0.2	U
trans-1,4-dichloro-2-butene	110-57-6	~	NT		NT		0.2	U	0.2	U	0.2	U
Trichloroethylene	79-01-6	5	**7.8**		0.249	U	**12**	J-	**1.5**	J-	**1.3**	J-
Trichlorofluoromethane	75-69-4	5	**0.47**	J	0.337	U	**1.3**		**1.5**		**4.7**	
Vinyl Chloride	75-01-4	2	0.469	U	0.469	U	0.2	U	0.2	U	0.2	U
Xylenes, Total	1330-20-7	5	0.839	U	0.839	U	0.6	U	0.6	U	0.6	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
J-= Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.

Table 9
VOCs in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	MW-1		MW-1		MW-1I		MW-1D		MW-2		MW-2	
Laboratory ID			24H0588-01		25E0936-01		25F0381-01		25F0238-01		24H0588-02		25F0238-02	
Sampling Date			8/8/2024		5/14/2025		6/5/2025		6/4/2025		8/8/2024		6/4/2025	
Sample Matrix			Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	0.2	U	**0.2**	UJ	0.216	U	0.216	U	0.2	U	**0.216**	UJ
1,1,1-Trichloroethane	71-55-6	5	0.2	U	**0.2**	UJ	0.266	U	0.266	U	0.2	U	**0.266**	UJ
1,1,2,2-Tetrachloroethane	79-34-5	5	0.2	U	**0.2**	UJ	0.256	U	0.256	U	0.2	U	**0.256**	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.2	U	**0.2**	UJ	0.286	U	0.286	U	0.2	U	**0.286**	UJ
1,1,2-Trichloroethane	79-00-5	1	0.2	U	**0.2**	UJ	0.249	U	0.249	U	0.2	U	**0.249**	UJ
1,1-Dichloroethane	75-34-3	5	0.2	U	**0.2**	UJ	0.272	U	0.272	U	0.2	U	**0.272**	UJ
1,1-Dichloroethylene	75-35-4	5	0.2	U	**0.2**	UJ	0.327	U	0.327	U	0.2	U	**0.327**	UJ
1,2,3-Trichlorobenzene	87-61-6	5	0.2	U	**0.25**	UJ	**0.222**	UJ	0.222	U	0.2	U	**0.222**	UJ
1,2,3-Trichloropropane	96-18-4	0.04	0.2	U	**0.26**	UJ	0.273	U	0.273	U	0.2	U	**0.273**	UJ
1,2,4-Trichlorobenzene	120-82-1	5	0.2	U	**0.34**	UJ	**0.138**	UJ	0.138	U	0.2	U	**0.138**	UJ
1,2,4-Trimethylbenzene	95-63-6	5	0.2	U	**0.2**	UJ	0.31	U	0.31	U	0.2	U	**0.31**	UJ
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.2	U	**0.22**	UJ	0.432	U	0.432	U	0.2	U	**0.432**	UJ
1,2-Dibromoethane	106-93-4	0.0006	0.2	U	**0.2**	UJ	0.215	U	0.215	U	0.2	U	**0.215**	UJ
1,2-Dichlorobenzene	95-50-1	3	0.2	U	**0.2**	UJ	0.27	U	0.27	U	0.2	U	**0.27**	UJ
1,2-Dichloroethane	107-06-2	0.6	0.2	U	**0.2**	UJ	0.377	U	0.377	U	0.2	U	**0.377**	UJ
1,2-Dichloropropane	78-87-5	1	0.2	U	**0.2**	UJ	0.327	U	0.327	U	0.2	U	**0.327**	UJ
1,3,5-Trimethylbenzene	108-67-8	5	0.2	U	**0.2**	UJ	**0.347**	UJ	**0.347**	UJ	0.2	U	**0.347**	UJ
1,3-Dichlorobenzene	541-73-1	3	0.2	U	**0.2**	UJ	0.283	U	0.283	U	0.2	U	**0.283**	UJ
1,3-Dichloropropane	142-28-9	5	NT		**0.2**	UJ	0.26	U	0.26	U	NT		**0.26**	UJ
1,4-Dichlorobenzene	106-46-7	3	0.2	U	**0.2**	UJ	0.311	U	0.311	U	0.2	U	**0.311**	UJ
1,4-Dioxane	123-91-1	0.35	40	U	**6.4**	UJ	35.3	U	35.3	U	40	U	**35.3**	UJ
2-Butanone	78-93-3	50	0.2	U	**0.78**	UJ	**0.421**	UJ	**0.421**	UJ	0.2	U	**0.421**	UJ
2-Hexanone	591-78-6	50	0.2	U	**0.2**	UJ	0.32	U	0.32	U	0.2	U	**0.32**	UJ
4-Methyl-2-pentanone	108-10-1	~	0.2	U	**0.2**	UJ	0.365	U	**0.365**	UJ	0.2	U	**0.365**	UJ
Acetone	67-64-1	50	1	U	**5**	UJ	**1.34**	UJ	1.34	U	**1.4**	J	**3.28**	J
Acrolein	107-02-8	~	0.2	U	**3.1**	UJ	**0.447**	UJ	**0.447**	UJ	0.2	U	**0.447**	UJ
Acrylonitrile	107-13-1	~	0.2	U	**0.9**	UJ	**0.422**	UJ	**0.422**	UJ	0.2	U	**0.422**	UJ
Benzene	71-43-2	1	0.2	U	**0.2**	UJ	0.279	U	0.279	U	0.2	U	**0.279**	UJ
Bromochloromethane	74-97-5	5	0.2	U	**0.2**	UJ	**0.354**	UJ	0.354	U	0.2	U	**0.354**	UJ
Bromodichloromethane	75-27-4	50	0.2	U	**0.2**	UJ	0.245	U	0.245	U	0.2	U	**0.245**	UJ
Bromoform	75-25-2	50	0.2	U	**0.25**	UJ	**0.163**	UJ	0.163	U	0.2	U	**0.163**	UJ
Bromomethane	74-83-9	5	0.2	U	**0.7**	UJ	0.5	U	**0.5**	UJ	0.2	U	**0.5**	UJ
Carbon disulfide	75-15-0	~	0.2	U	**0.42**	UJ	0.362	U	0.362	U	0.2	U	**0.362**	UJ
Carbon tetrachloride	56-23-5	5	0.2	U	**0.34**	UJ	0.204	U	0.204	U	0.2	U	**0.204**	UJ
Chlorobenzene	108-90-7	5	0.2	U	**0.2**	UJ	0.284	U	0.284	U	0.2	U	**0.284**	UJ
Chloroethane	75-00-3	5	0.2	U	**0.23**	UJ	0.448	U	0.448	U	0.2	U	**0.448**	UJ
Chloroform	67-66-3	7	**2.4**		**1.3**	J	**4.91**		**5.34**		**6.9**		**1.9**	J
Chloromethane	74-87-3	5	0.2	U	**0.4**	UJ	**0.372**	UJ	0.372	U	0.2	U	**0.372**	UJ
cis-1,2-Dichloroethylene	156-59-2	~	**0.4**	J	**0.23**	UJ	0.294	U	0.294	U	0.2	U	**0.294**	UJ
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.2	U	**0.2**	UJ	0.262	U	0.262	U	0.2	U	**0.262**	UJ
Cyclohexane	110-82-7	~	0.2	U	**0.3**	UJ	**0.491**	UJ	**0.491**	UJ	0.2	U	**0.491**	UJ
Dibromochloromethane	124-48-1	50	0.2	U	**0.2**	UJ	**0.146**	UJ	0.146	U	0.2	U	**0.146**	UJ
Dibromomethane	74-95-3	~	0.2	U	**0.2**	UJ	0.203	U	0.203	U	0.2	U	**0.203**	UJ
Dichlorodifluoromethane	75-71-8	5	**0.65**		**0.21**	UJ	0.451	U	**0.451**	UJ	0.2	U	**0.451**	UJ
Ethyl Benzene	100-41-4	5	0.2	U	**0.2**	UJ	0.29	U	0.29	U	0.2	U	**0.29**	UJ
Hexachlorobutadiene	87-68-3	0.5	0.2	U	**0.33**	UJ	**0.241**	UJ	0.241	U	0.2	U	**0.241**	UJ
Isopropylbenzene	98-82-8	5	0.2	U	**0.2**	UJ	0.405	U	0.405	U	0.2	U	**0.405**	UJ
Methyl acetate	79-20-9	~	0.2	U	**0.37**	UJ	**0.442**	UJ	**0.442**	UJ	0.2	U	**0.442**	UJ
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.2	U	**0.2**	UJ	0.244	U	**0.244**	UJ	0.2	U	**0.244**	UJ
Methylcyclohexane	108-87-2	~	0.2	U	**0.2**	UJ	0.477	U	0.477	U	0.2	U	**0.477**	UJ
Methylene chloride	75-09-2	5	1	U	**0.65**	UJ	0.397	U	0.397	U	1	U	**0.397**	UJ
Naphthalene	91-20-3	10	NT		**0.55**	UJ	**0.29**	UJ	0.212	U	NT		**0.212**	UJ
n-Butylbenzene	104-51-8	5	0.2	U	**0.2**	UJ	0.399	U	0.399	U	0.2	U	**0.399**	UJ
n-Propylbenzene	103-65-1	5	0.2	U	**0.2**	UJ	0.384	U	0.384	U	0.2	U	**0.384**	UJ
o-Xylene	95-47-6	5	0.2	U	**0.2**	UJ	0.261	U	0.261	U	0.2	U	**0.261**	UJ
p- & m- Xylenes	179601-23-1	~	0.5	U	**0.25**	UJ	0.578	U	0.578	U	0.5	U	**0.578**	UJ
p-Diethylbenzene	105-05-5	~	NT		NT		0.341	U	0.341	U	NT		**0.341**	UJ
p-Ethyltoluene	622-96-8	~	NT		NT		**0.2**	UJ	**0.2**	UJ	NT		**0.2**	UJ
p-Isopropyltoluene	99-87-6	5	0.2	U	**0.2**	UJ	0.377	U	0.377	U	0.2	U	**0.377**	UJ
sec-Butylbenzene	135-98-8	5	0.2	U	**0.2**	UJ	0.444	U	0.444	U	0.2	U	**0.444**	UJ
Styrene	100-42-5	5	0.2	U	**0.2**	UJ	0.255	U	0.255	U	0.2	U	**0.255**	UJ
tert-Butyl alcohol (TBA)	75-65-0	~	0.5	U	**6**	UJ	**0.608**	UJ	**0.608**	UJ	0.5	U	**0.608**	UJ
tert-Butylbenzene	98-06-6	5	0.2	U	**0.2**	UJ	0.367	U	0.367	U	0.2	U	**0.367**	UJ
Tetrachloroethylene	127-18-4	5	**33**		**54**	J	**10.1**		0.239	U	**0.82**		**0.79**	J
Toluene	108-88-3	5	0.2	U	0.46	J	**6.27**		0.346	U	0.2	U	**0.346**	UJ
trans-1,2-Dichloroethylene	156-60-5	5	**10**		**0.2**	UJ	0.279	U	0.279	U	0.2	U	**0.279**	UJ
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.2	U	**0.23**	UJ	0.229	U	0.229	U	0.2	U	**0.229**	UJ
trans-1,4-dichloro-2-butene	110-57-6	~	0.2	U	NT		NT		NT		0.2	U	NT	
Trichloroethylene	79-01-6	5	**12**		**11**	J	**2.89**		0.249	U	**1.5**		**1.6**	J
Trichlorofluoromethane	75-69-4	5	**1.3**		**0.37**	J	0.337	U	0.337	U	**1.5**		**1.2**	J
Vinyl Chloride	75-01-4	2	0.2	U	**0.2**	UJ	0.469	U	0.469	U	0.2	U	**0.469**	UJ
Xylenes, Total	1330-20-7	5	0.6	U	**0.23**	UJ	0.839	U	0.839	U	0.6	U	**0.839**	UJ

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold and highlighted values are detected at concentrations above NYSDEC TOGS Standards and Guidance Values

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
UJ= Not detected, quantitation limit may be inaccurate or imprecise.

Table 9
VOCs in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	MW-3		MW-3		MW-DUP-1		MW-4		MW-5		MW-6		MW-7	
Laboratory ID			24H0588-03		25E1068-01		25E1068-02		25F0238-03		25F0238-06		25F0381-02		25E0936-02	
Sampling Date			8/8/2024		5/15/2025		5/15/2025		6/4/2025		6/4/2025		6/5/2025		5/14/2025	
Sample Matrix			Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER		ug/L	ug/L		ug/L		ug/L		ug/L				ug/L		ug/L	
Dilution Factor			1		1		1		1				1		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	0.2	U	**0.216**	UJ	**0.216**	UJ	**0.216**	UJ	**0.216**	UJ	0.216	U	**0.216**	UJ
1,1,1-Trichloroethane	71-55-6	5	0.2	U	**0.266**	UJ	**0.266**	UJ	**0.266**	UJ	**0.266**	UJ	0.266	U	**0.266**	UJ
1,1,2,2-Tetrachloroethane	79-34-5	5	0.2	U	**0.256**	UJ	**0.256**	UJ	**0.256**	UJ	**0.256**	UJ	0.256	U	**0.256**	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.2	U	**0.286**	UJ	**0.286**	UJ	**0.286**	UJ	**0.72**	J	0.286	U	**0.286**	UJ
1,1,2-Trichloroethane	79-00-5	1	0.2	U	**0.249**	UJ	**0.249**	UJ	**0.249**	UJ	**0.249**	UJ	0.249	U	**0.249**	UJ
1,1-Dichloroethane	75-34-3	5	0.2	U	**0.272**	UJ	**0.272**	UJ	**0.272**	UJ	**0.272**	UJ	0.272	U	**0.272**	UJ
1,1-Dichloroethylene	75-35-4	5	0.2	U	**0.327**	UJ	**0.327**	UJ	**0.327**	UJ	**0.327**	UJ	0.327	U	**0.327**	UJ
1,2,3-Trichlorobenzene	87-61-6	5	0.2	U	**0.222**	UJ	**0.222**	UJ	**0.222**	UJ	**0.222**	UJ	**0.222**	UJ	**0.222**	UJ
1,2,3-Trichloropropane	96-18-4	0.04	0.2	U	**0.273**	UJ	**0.273**	UJ	**0.273**	UJ	**0.273**	UJ	0.273	U	**0.273**	UJ
1,2,4-Trichlorobenzene	120-82-1	5	0.2	U	**0.138**	UJ	**0.138**	UJ	**0.138**	UJ	**0.138**	UJ	**0.138**	UJ	**0.138**	UJ
1,2,4-Trimethylbenzene	95-63-6	5	0.2	U	**0.31**	UJ	**0.31**	UJ	**0.31**	UJ	**0.31**	UJ	0.31	U	**0.31**	UJ
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.2	U	**0.432**	UJ	**0.432**	UJ	**0.432**	UJ	**0.432**	UJ	0.432	U	**0.432**	UJ
1,2-Dibromoethane	106-93-4	0.0006	0.2	U	**0.215**	UJ	**0.215**	UJ	**0.215**	UJ	**0.215**	UJ	0.215	U	**0.215**	UJ
1,2-Dichlorobenzene	95-50-1	3	0.2	U	**0.27**	UJ	**0.27**	UJ	**0.27**	UJ	**0.27**	UJ	0.27	U	**0.27**	UJ
1,2-Dichloroethane	107-06-2	0.6	0.2	U	**0.377**	UJ	**0.377**	UJ	**0.377**	UJ	**0.377**	UJ	0.377	U	**0.377**	UJ
1,2-Dichloropropane	78-87-5	1	0.2	U	**0.327**	UJ	**0.327**	UJ	**0.327**	UJ	**0.327**	UJ	0.327	U	**0.327**	UJ
1,3,5-Trimethylbenzene	108-67-8	5	0.2	U	**0.347**	UJ	**0.347**	UJ	**0.347**	UJ	**0.347**	UJ	**0.347**	UJ	**0.347**	UJ
1,3-Dichlorobenzene	541-73-1	3	0.2	U	**0.283**	UJ	**0.283**	UJ	**0.283**	UJ	**0.283**	UJ	0.283	U	**0.283**	UJ
1,3-Dichloropropane	142-28-9	5	NT		**0.26**	UJ	**0.26**	UJ	**0.26**	UJ	**0.26**	UJ	0.26	U	**0.26**	UJ
1,4-Dichlorobenzene	106-46-7	3	0.2	U	**0.311**	UJ	**0.311**	UJ	**0.311**	UJ	**0.311**	UJ	0.311	U	**0.311**	UJ
1,4-Dioxane	123-91-1	0.35	40	U	**35.3**	UJ	**35.3**	UJ	**35.3**	UJ	**35.3**	UJ	35.3	U	**35.3**	UJ
2-Butanone	78-93-3	50	**0.2**	J	**0.421**	UJ	**0.421**	UJ	**1.5**	J	**1.5**	J	**0.421**	UJ	**0.421**	UJ
2-Hexanone	591-78-6	50	0.2	U	**0.32**	UJ	**0.32**	UJ	**0.32**	UJ	**0.32**	UJ	0.32	U	**0.32**	UJ
4-Methyl-2-pentanone	108-10-1	~	0.2	U	**0.365**	UJ	**0.365**	UJ	**0.365**	UJ	**0.365**	UJ	0.365	U	**0.365**	UJ
Acetone	67-64-1	50	**1.5**	J	**1.34**	UJ	**1.34**	UJ	**1.34**	UJ	**1.34**	UJ	**3.28**	J	**1.34**	UJ
Acrolein	107-02-8	~	0.2	U	**0.447**	UJ	**0.447**	UJ	**0.447**	UJ	**0.447**	UJ	**0.447**	UJ	**0.447**	UJ
Acrylonitrile	107-13-1	~	0.2	U	**0.422**	UJ	**0.422**	UJ	**0.422**	UJ	**0.422**	UJ	**0.422**	UJ	**0.422**	UJ
Benzene	71-43-2	1	0.2	U	**0.279**	UJ	**0.279**	UJ	**0.279**	UJ	**0.279**	UJ	0.279	U	**0.279**	UJ
Bromochloromethane	74-97-5	5	0.2	U	**0.354**	UJ	**0.354**	UJ	**0.354**	UJ	**0.354**	UJ	0.354	U	**0.354**	UJ
Bromodichloromethane	75-27-4	50	0.2	U	**0.245**	UJ	**0.245**	UJ	**0.245**	UJ	**0.245**	UJ	0.245	U	**0.245**	UJ
Bromoform	75-25-2	50	0.2	U	**0.163**	UJ	**0.163**	UJ	**0.163**	UJ	**0.163**	UJ	**0.163**	UJ	**0.163**	UJ
Bromomethane	74-83-9	5	0.2	U	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ
Carbon disulfide	75-15-0	~	0.2	U	**0.362**	UJ	**0.362**	UJ	**0.362**	UJ	**0.52**	J	0.362	U	**0.362**	UJ
Carbon tetrachloride	56-23-5	5	0.2	U	**0.204**	UJ	**0.204**	UJ	**0.204**	UJ	**0.204**	UJ	0.204	U	**0.204**	UJ
Chlorobenzene	108-90-7	5	0.2	U	**0.284**	UJ	**0.284**	UJ	**0.284**	UJ	**0.284**	UJ	0.284	U	**0.284**	UJ
Chloroethane	75-00-3	5	0.2	U	**0.448**	UJ	**0.448**	UJ	**0.448**	UJ	**0.448**	UJ	0.448	U	**0.448**	UJ
Chloroform	67-66-3	7	**0.53**		**0.243**	UJ	**0.243**	UJ	**0.243**	UJ	**0.74**	J	**0.88**		**0.56**	J
Chloromethane	74-87-3	5	0.2	U	**0.372**	UJ	**0.372**	UJ	**0.372**	UJ	**0.372**	UJ	**0.372**	UJ	**0.372**	UJ
cis-1,2-Dichloroethylene	156-59-2	~	0.2	U	**0.294**	UJ	**0.294**	UJ	**0.294**	UJ	**0.294**	UJ	0.294	U	**4.2**	J
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.2	U	**0.262**	UJ	**0.262**	UJ	**0.262**	UJ	**0.262**	UJ	0.262	U	**0.262**	UJ
Cyclohexane	110-82-7	~	0.2	U	**0.491**	UJ	**0.491**	UJ	**0.491**	UJ	**0.491**	UJ	**0.491**	UJ	**0.491**	UJ
Dibromochloromethane	124-48-1	50	0.2	U	**0.146**	UJ	**0.146**	UJ	**0.146**	UJ	**0.146**	UJ	0.146	U	**0.146**	UJ
Dibromomethane	74-95-3	~	0.2	U	**0.203**	UJ	**0.203**	UJ	**0.203**	UJ	**0.203**	UJ	0.203	U	**0.203**	UJ
Dichlorodifluoromethane	75-71-8	5	0.2	U	**0.451**	UJ	**0.451**	UJ	**0.451**	UJ	**0.451**	UJ	**0.451**	UJ	**0.451**	UJ
Ethyl Benzene	100-41-4	5	0.2	U	**0.29**	UJ	**0.29**	UJ	**0.29**	UJ	**0.29**	UJ	0.29	U	**0.29**	UJ
Hexachlorobutadiene	87-68-3	0.5	0.2	U	**0.241**	UJ	**0.241**	UJ	**0.241**	UJ	**0.241**	UJ	**0.241**	UJ	**0.241**	UJ
Isopropylbenzene	98-82-8	5	0.2	U	**0.405**	UJ	**0.405**	UJ	**0.405**	UJ	**0.405**	UJ	0.405	U	**0.405**	UJ
Methyl acetate	79-20-9	~	0.2	U	**0.442**	UJ	**0.442**	UJ	**0.442**	UJ	**0.442**	UJ	**0.442**	UJ	**0.442**	UJ
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.2	U	**0.244**	UJ	**0.244**	UJ	**0.244**	UJ	**0.244**	UJ	0.244	U	**0.244**	UJ
Methylcyclohexane	108-87-2	~	0.2	U	**0.477**	UJ	**0.477**	UJ	**0.477**	UJ	**0.477**	UJ	0.477	U	**0.477**	UJ
Methylene chloride	75-09-2	5	1	U	**0.397**	UJ	**0.397**	UJ	**0.397**	UJ	**0.397**	UJ	0.397	U	**0.397**	UJ
Naphthalene	91-20-3	10	NT		**0.212**	UJ	**0.212**	UJ	**0.212**	UJ	**0.212**	UJ	**0.212**	UJ	**0.212**	UJ
n-Butylbenzene	104-51-8	5	0.2	U	**0.399**	UJ	**0.399**	UJ	**0.399**	UJ	**0.399**	UJ	0.399	U	**0.399**	UJ
n-Propylbenzene	103-65-1	5	0.2	U	**0.384**	UJ	**0.384**	UJ	**0.384**	UJ	**0.384**	UJ	0.384	U	**0.384**	UJ
o-Xylene	95-47-6	5	0.2	U	**0.261**	UJ	**0.261**	UJ	**0.261**	UJ	**0.261**	UJ	0.261	U	**0.261**	UJ
p- & m- Xylenes	179601-23-1	~	0.5	U	**0.578**	UJ	**0.578**	UJ	**0.578**	UJ	**0.578**	UJ	0.578	U	**0.578**	UJ
p-Diethylbenzene	105-05-5	~	NT		**0.341**	UJ	**0.341**	UJ	**0.341**	UJ	**0.341**	UJ	0.341	U	**0.341**	UJ
p-Ethyltoluene	622-96-8	~	NT		**0.2**	UJ	**0.2**	UJ	**0.2**	UJ	**0.2**	UJ	**0.2**	UJ	**0.2**	UJ
p-Isopropyltoluene	99-87-6	5	0.2	U	**0.377**	UJ	**0.377**	UJ	**0.377**	UJ	**0.377**	UJ	0.377	U	**0.377**	UJ
sec-Butylbenzene	135-98-8	5	0.2	U	**0.444**	UJ	**0.444**	UJ	**0.444**	UJ	**0.444**	UJ	0.444	U	**0.444**	UJ
Styrene	100-42-5	5	0.2	U	**0.255**	UJ	**0.255**	UJ	**0.255**	UJ	**0.255**	UJ	0.255	U	**0.255**	UJ
tert-Butyl alcohol (TBA)	75-65-0	~	0.5	U	**0.608**	UJ	**0.608**	UJ	**0.608**	UJ	**0.608**	UJ	**0.608**	UJ	**0.608**	UJ
tert-Butylbenzene	98-06-6	5	0.2	U	**0.367**	UJ	**0.367**	UJ	**0.367**	UJ	**0.367**	UJ	0.367	U	**0.367**	UJ
Tetrachloroethylene	127-18-4	5	0.2	U	0.22	J	**0.239**	UJ	**15**	J	**0.31**	J	**0.82**		**42**	J
Toluene	108-88-3	5	0.2	U	**2.1**	J	**2**	J	**15**	J	**3.5**	J	0.346	U	**0.29**	J
trans-1,2-Dichloroethylene	156-60-5	5	0.2	U	**0.279**	UJ	**0.279**	UJ	**0.279**	UJ	**0.279**	UJ	0.279	U	**0.279**	UJ
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.2	U	**0.229**	UJ	**0.229**	UJ	**0.229**	UJ	**0.229**	UJ	0.229	U	**0.229**	UJ
trans-1,4-dichloro-2-butene	110-57-6	~	0.2	U	NT		NT		NT		NT		NT		NT	
Trichloroethylene	79-01-6	5	**1.3**		**1.3**	J	**1.3**	J	**26**	J	**1.8**	J	**1.42**		**79**	J
Trichlorofluoromethane	75-69-4	5	**4.7**		**4.3**	J	**4.2**	J	**2**	J	**82**	J	**1.5**		**1.1**	J
Vinyl Chloride	75-01-4	2	0.2	U	**0.469**	UJ	**0.469**	UJ	**0.469**	UJ	**0.469**	UJ	0.469	U	**0.469**	UJ
Xylenes, Total	1330-20-7	5	0.6	U	**0.839**	UJ	**0.839**	UJ	**0.839**	UJ	**0.839**	UJ	0.839	U	**0.839**	UJ

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold and highlighted values are detected at concentrations above NYSDEC TOGS Standards and

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Lin
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
UJ= Not detected, quantitation limit may be inaccurate or imprecise.

Table 9
VOCs in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	FB-1		TB-1		TB-1		TB-2		TB-4		TB-5		Trip Blank	
Laboratory ID			25E0936-03		24H0588-04		25E0936-04		25E1068-08		25F0238-05		25F0381-06		25F0562-03	
Sampling Date			5/14/2025		8/8/2024		5/14/2025		5/15/2025		6/4/2025		6/5/2025		6/6/2025	
Sample Matrix			Water		Water		Water		Water		Water		Water		Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.216**	UJ	0.216	U	0.216	U	0.216	U
1,1,1-Trichloroethane	71-55-6	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.266**	UJ	0.266	U	0.266	U	0.266	U
1,1,2,2-Tetrachloroethane	79-34-5	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.256**	UJ	0.256	U	0.256	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.286**	UJ	0.286	U	0.286	U	0.286	U
1,1,2-Trichloroethane	79-00-5	1	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.249**	UJ	0.249	U	0.249	U	0.249	U
1,1-Dichloroethane	75-34-3	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.272**	UJ	0.272	U	0.272	U	0.272	U
1,1-Dichloroethylene	75-35-4	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.327**	UJ	0.327	U	0.327	U	0.327	U
1,2,3-Trichlorobenzene	87-61-6	5	**0.25**	UJ	0.2	U	**0.25**	UJ	**0.222**	UJ	0.222	U	**0.222**	UJ	0.222	U
1,2,3-Trichloropropane	96-18-4	0.04	**0.26**	UJ	0.2	U	**0.26**	UJ	**0.273**	UJ	0.273	U	0.273	U	0.273	U
1,2,4-Trichlorobenzene	120-82-1	5	**0.34**	UJ	0.2	U	**0.34**	UJ	**0.138**	UJ	0.138	U	0.138	U	0.138	U
1,2,4-Trimethylbenzene	95-63-6	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.31**	UJ	0.31	U	0.31	U	0.31	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	**0.22**	UJ	0.2	U	**0.22**	UJ	**0.432**	UJ	0.432	U	0.432	U	0.432	U
1,2-Dibromoethane	106-93-4	0.0006	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.215**	UJ	0.215	U	0.215	U	0.215	U
1,2-Dichlorobenzene	95-50-1	3	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.27**	UJ	0.27	U	0.27	U	0.27	U
1,2-Dichloroethane	107-06-2	0.6	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.377**	UJ	0.377	U	0.377	U	0.377	U
1,2-Dichloropropane	78-87-5	1	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.327**	UJ	0.327	U	0.327	U	0.327	U
1,3,5-Trimethylbenzene	108-67-8	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.347**	UJ	**0.347**	UJ	**0.347**	UJ	**0.347**	UJ
1,3-Dichlorobenzene	541-73-1	3	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.283**	UJ	0.283	U	0.283	U	0.283	U
1,3-Dichloropropane	142-28-9	5	**0.2**	UJ	NT		**0.2**	UJ	**0.26**	UJ	0.26	U	0.26	U	0.26	U
1,4-Dichlorobenzene	106-46-7	3	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.311**	UJ	0.311	U	0.311	U	0.311	U
1,4-Dioxane	123-91-1	0.35	**6.4**	UJ	40	U	**6.4**	UJ	**35.3**	UJ	35.3	U	NT		35.3	U
2-Butanone	78-93-3	50	**0.78**	UJ	0.2	U	**0.78**	UJ	**0.421**	UJ	**0.421**	UJ	0.421	U	**0.421**	UJ
2-Hexanone	591-78-6	50	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.32**	UJ	0.32	U	0.32	U	**0.32**	UJ
4-Methyl-2-pentanone	108-10-1	~	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.365**	UJ	**0.365**	UJ	**0.365**	UJ	**0.365**	UJ
Acetone	67-64-1	50	**5**	UJ	**2.1**		**5**	UJ	**1.34**	UJ	1.34	U	**1.34**	UJ	**1.34**	UJ
Acrolein	107-02-8	~	**3.1**	UJ	0.2	U	**3.1**	UJ	**0.447**	UJ	**0.447**	UJ	**0.447**	UJ	**0.447**	UJ
Acrylonitrile	107-13-1	~	**0.9**	UJ	**0.54**		**0.9**	UJ	**0.422**	UJ	**0.422**	UJ	0.422	U	**0.422**	UJ
Benzene	71-43-2	1	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.279**	UJ	0.279	U	0.279	U	0.279	U
Bromochloromethane	74-97-5	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.354**	UJ	0.354	U	0.354	U	0.354	U
Bromodichloromethane	75-27-4	50	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.245**	UJ	0.245	U	0.245	U	0.245	U
Bromoform	75-25-2	50	**0.25**	UJ	0.2	U	**0.25**	UJ	**0.163**	UJ	0.163	U	**0.163**	UJ	0.163	U
Bromomethane	74-83-9	5	**0.7**	UJ	0.2	U	**0.7**	UJ	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ
Carbon disulfide	75-15-0	~	**0.42**	UJ	0.2	U	**0.42**	UJ	**0.362**	UJ	0.362	U	0.362	U	0.362	U
Carbon tetrachloride	56-23-5	5	**0.34**	UJ	0.2	U	**0.34**	UJ	**0.204**	UJ	0.204	U	0.204	U	0.204	U
Chlorobenzene	108-90-7	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.284**	UJ	0.284	U	0.284	U	0.284	U
Chloroethane	75-00-3	5	**0.23**	UJ	0.2	U	**0.23**	UJ	**0.448**	UJ	0.448	U	0.448	U	0.448	U
Chloroform	67-66-3	7	**0.51**	UJ	0.2	U	**0.51**	UJ	**0.243**	UJ	0.243	U	0.243	U	0.243	U
Chloromethane	74-87-3	5	**0.4**	UJ	0.2	U	**0.4**	UJ	**0.372**	UJ	0.372	U	**0.372**	UJ	0.372	U
cis-1,2-Dichloroethylene	156-59-2	~	**0.23**	UJ	0.2	U	**0.23**	UJ	**0.294**	UJ	0.294	U	0.294	U	0.294	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.262**	UJ	0.262	U	0.262	U	0.262	U
Cyclohexane	110-82-7	~	**0.3**	UJ	0.2	U	**0.3**	UJ	**0.491**	UJ	**0.491**	UJ	**0.491**	UJ	**0.491**	UJ
Dibromochloromethane	124-48-1	50	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.146**	UJ	0.146	U	0.146	U	0.146	U
Dibromomethane	74-95-3	~	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.203**	UJ	0.203	U	0.203	U	0.203	U
Dichlorodifluoromethane	75-71-8	5	**0.21**	UJ	0.2	U	**0.21**	UJ	**0.451**	UJ	**0.451**	UJ	0.451	U	**0.451**	UJ
Ethyl Benzene	100-41-4	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.29**	UJ	0.29	U	0.29	U	0.29	U
Hexachlorobutadiene	87-68-3	0.5	**0.33**	UJ	0.2	U	**0.33**	UJ	**0.241**	UJ	0.241	U	**0.241**	UJ	0.241	U
Isopropylbenzene	98-82-8	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.405**	UJ	0.405	U	0.405	U	0.405	U
Methyl acetate	79-20-9	~	**0.37**	UJ	0.2	U	**0.37**	UJ	**0.442**	UJ	**0.442**	UJ	0.442	U	**0.442**	UJ
Methyl tert-butyl ether (MTBE)	1634-04-4	10	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.244**	UJ	**0.244**	UJ	0.244	U	0.244	U
Methylcyclohexane	108-87-2	~	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.477**	UJ	0.477	U	0.477	U	0.477	U
Methylene chloride	75-09-2	5	**0.65**	UJ	1	U	**0.65**	UJ	**0.397**	UJ	0.397	U	0.397	U	0.397	U
Naphthalene	91-20-3	10	**0.55**	UJ	NT		**0.55**	UJ	**0.212**	UJ	0.212	U	0.212	U	0.212	U
n-Butylbenzene	104-51-8	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.399**	UJ	0.399	U	0.399	U	0.399	U
n-Propylbenzene	103-65-1	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.384**	UJ	0.384	U	0.384	U	0.384	U
o-Xylene	95-47-6	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.261**	UJ	0.261	U	0.261	U	0.261	U
p- & m- Xylenes	179601-23-1	~	**0.25**	UJ	0.5	U	**0.25**	UJ	**0.578**	UJ	0.578	U	0.578	U	0.578	U
p-Diethylbenzene	105-05-5	~	NT		NT		NT		**0.341**	UJ	0.341	U	0.341	U	0.341	U
p-Ethyltoluene	622-96-8	~	NT		NT		NT		**0.2**	UJ	**0.2**	UJ	**0.2**	UJ	**0.2**	UJ
p-Isopropyltoluene	99-87-6	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.377**	UJ	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	135-98-8	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.444**	UJ	0.444	U	0.444	U	0.444	U
Styrene	100-42-5	5	**0.2**	UJ	**0.22**	J	**0.2**	UJ	**0.255**	UJ	0.255	U	0.255	U	0.255	U
tert-Butyl alcohol (TBA)	75-65-0	~	**6**	UJ	0.5	U	**6**	UJ	**0.608**	UJ	**0.608**	UJ	**0.608**	UJ	**0.608**	UJ
tert-Butylbenzene	98-06-6	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.367**	UJ	0.367	U	0.367	U	0.367	U
Tetrachloroethylene	127-18-4	5	**0.21**	UJ	0.2	U	**0.21**	UJ	**0.239**	UJ	0.239	U	0.239	U	0.239	U
Toluene	108-88-3	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.346**	UJ	0.346	U	0.346	U	0.346	U
trans-1,2-Dichloroethylene	156-60-5	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.279**	UJ	0.279	U	0.279	U	0.279	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	**0.23**	UJ	0.2	U	**0.23**	UJ	**0.229**	UJ	0.229	U	0.229	U	0.229	U
trans-1,4-dichloro-2-butene	110-57-6	~	NT		0.2	U	NT		NT		NT		NT		NT	
Trichloroethylene	79-01-6	5	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.249**	UJ	0.249	U	0.249	U	0.249	U
Trichlorofluoromethane	75-69-4	5	**0.24**	UJ	0.2	U	**0.24**	UJ	**0.337**	UJ	0.337	U	0.337	U	0.337	U
Vinyl Chloride	75-01-4	2	**0.2**	UJ	0.2	U	**0.2**	UJ	**0.469**	UJ	0.469	U	0.469	U	0.469	U
Xylenes, Total	1330-20-7	5	**0.23**	UJ	0.6	U	**0.23**	UJ	**0.839**	UJ	0.839	U	0.839	U	0.839	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold and highlighted values are detected at concentrations above NYSDEC TOGS Standards and

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Lin
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
UJ= Not detected, quantitation limit may be inaccurate or imprecise.

Table 9
VOCs in Groundwater Samples (Lot 12)
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name	NYSDEC TOGS Standards and Guidance Values - GA	26MW-1		FB		Trip Blank	
Laboratory ID		26B0519-01		26B0519-02		26B0519-03	
Sampling Date		2/11/2026		2/11/2026		2/11/2026	
Sample Matrix		Ground Water		Ground Water		Ground Water	
Compound		Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
1,1,1,2-Tetrachloroethane	5	0.216	U	0.216	U	0.216	U
1,1,1-Trichloroethane	5	0.266	U	0.266	U	0.266	U
1,1,2,2-Tetrachloroethane	5	0.256	U	0.256	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.286	U	0.286	U	0.286	U
1,1,2-Trichloroethane	1	0.249	U	0.249	U	0.249	U
1,1-Dichloroethane	5	0.272	U	0.272	U	0.272	U
1,1-Dichloroethylene	5	0.327	U	0.327	U	0.327	U
1,2,3-Trichlorobenzene	5	0.222	U	0.222	U	0.222	U
1,2,3-Trichloropropane	0.04	0.273	U	0.273	U	0.273	U
1,2,4-Trichlorobenzene	5	0.138	U	0.138	U	0.138	U
1,2,4-Trimethylbenzene	5	0.31	U	0.31	U	0.31	U
1,2-Dibromo-3-chloropropane	0.04	0.432	U	0.432	U	0.432	U
1,2-Dibromoethane	0.0006	0.215	U	0.215	U	0.215	U
1,2-Dichlorobenzene	3	0.27	U	0.27	U	0.27	U
1,2-Dichloroethane	0.6	0.377	U	0.377	U	0.377	U
1,2-Dichloropropane	1	0.327	U	0.327	U	0.327	U
1,3,5-Trimethylbenzene	5	0.347	U	0.347	U	0.347	U
1,3-Dichlorobenzene	3	0.283	U	0.283	U	0.283	U
1,3-Dichloropropane	5	0.26	U	0.26	U	0.26	U
1,4-Dichlorobenzene	3	0.311	U	0.311	U	0.311	U
2-Butanone	50	**3.77**	J+	0.421	U	0.421	U
2-Hexanone	50	**7.36**	J+	0.32	U	0.32	U
4-Methyl-2-pentanone	~	**1.14**	J+	0.365	U	0.365	U
Acetone	50	**34.9**	U	**3.03**	J+	**7.1**	J+
Acrolein	5	0.447	U	0.447	U	0.447	U
Acrylonitrile	~	0.422	U	0.422	U	0.422	U
Benzene	1	0.279	U	0.279	U	0.279	U
Bromochloromethane	5	0.354	U	0.354	U	0.354	U
Bromodichloromethane	50	**0.37**	U	**0.46**	J	0.245	U
Bromoform	50	**0.163**	UJ	**0.163**	UJ	**0.163**	UJ
Bromomethane	5	0.5	U	0.5	U	0.5	U
Carbon disulfide	~	0.362	U	0.362	U	0.362	U
Carbon tetrachloride	5	0.204	U	0.204	U	0.204	U
Chlorobenzene	5	0.284	U	0.284	U	0.284	U
Chloroethane	5	0.448	U	0.448	U	0.448	U
Chloroform	7	**7.53**		**30.3**		0.243	U
Chloromethane	5	0.372	U	0.372	U	0.372	U
cis-1,2-Dichloroethylene	5	0.294	U	0.294	U	0.294	U
cis-1,3-Dichloropropylene	0.4	0.262	U	0.262	U	0.262	U
Cyclohexane	~	0.491	U	0.491	U	0.491	U
Dibromochloromethane	50	0.146	U	0.146	U	0.146	U
Dibromomethane	~	0.203	U	0.203	U	0.203	U
Dichlorodifluoromethane	5	0.451	U	0.451	U	0.451	U
Ethyl Benzene	5	0.29	U	0.29	U	0.29	U
Hexachlorobutadiene	0.5	0.241	U	0.241	U	0.241	U
Isopropylbenzene	5	0.405	U	0.405	U	0.405	U
Methyl acetate	~	0.442	U	0.442	U	0.442	U
Methyl tert-butyl ether (MTBE)	10	0.244	U	0.244	U	0.244	U
Methylcyclohexane	~	0.477	U	0.477	U	0.477	U
Methylene chloride	5	0.397	U	0.397	U	0.397	U
Naphthalene	10	0.212	U	0.212	U	0.212	U
n-Butylbenzene	5	0.399	U	0.399	U	0.399	U
n-Propylbenzene	5	0.384	U	0.384	U	0.384	U
o-Xylene	5	0.261	U	0.261	U	0.261	U
p- & m- Xylenes	~	0.578	U	0.578	U	0.578	U
p-Diethylbenzene	~	0.341	U	0.341	U	0.341	U
p-Ethyltoluene	~	0.2	U	0.2	U	0.2	U
p-Isopropyltoluene	5	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	5	0.444	U	0.444	U	0.444	U
Styrene	5	0.255	U	0.255	U	0.255	U
tert-Butyl alcohol (TBA)	~	0.608	U	0.608	U	0.608	U
tert-Butylbenzene	5	0.367	U	0.367	U	0.367	U
Tetrachloroethylene	5	0.239	U	0.239	U	0.239	U
Toluene	5	0.346	U	0.346	U	0.346	U
trans-1,2-Dichloroethylene	5	0.279	U	0.279	U	0.279	U
trans-1,3-Dichloropropylene	0.4	0.229	U	0.229	U	0.229	U
Trichloroethylene	5	0.249	U	0.249	U	0.249	U
Trichlorofluoromethane	5	0.337	U	0.337	U	0.337	U
Vinyl Chloride	2	0.469	U	0.469	U	0.469	U
Xylenes, Total	5	0.839	U	0.839	U	0.839	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
J+= Analyte is present. Reported value may be biased high andassociated with
a higher level of uncertainty than is normally expected with the analytical method.
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
UJ= Not detected, quantitation limit may be inaccurate or imprecise.

Table 10 - SVOCs in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC TOGS Standards and Guidance Values - GA	GW-1 24G1297-01 7/18/2024 Ground Water		GW-2 24G1297-02 7/18/2024 Ground Water	
Compound	CAS Number		Result	Q	Result	Q
Semi-Volatiles, 8270 - Comprehensive - LL		ppb	ppb		ppb	
Dilution Factor			1		1	
1,1-Biphenyl	92-52-4	~	2.5	U	2.5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3	2.5	U	2.5	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	2.5	U	2.5	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	1.25	U	1.25	U
2,4,5-Trichlorophenol	95-95-4	1	1.25	U	1.25	U
2,4,6-Trichlorophenol	88-06-2	1	1.25	U	1.25	U
2,4-Dichlorophenol	120-83-2	5	1.25	U	1.25	U
2,4-Dimethylphenol	105-67-9	50	1.25	U	1.25	U
2,4-Dinitrophenol	51-28-5	10	1.25	U	1.25	U
2,4-Dinitrotoluene	121-14-2	5	2.5	U	2.5	U
2,6-Dinitrotoluene	606-20-2	5	2.5	U	2.5	U
2-Chloronaphthalene	91-58-7	10	2.5	U	2.5	U
2-Chlorophenol	95-57-8	1	1.25	U	1.25	U
2-Methylnaphthalene	91-57-6	~	2.5	U	2.5	U
2-Methylphenol	95-48-7	1	1.25	U	1.25	U
2-Nitroaniline	88-74-4	5	2.5	U	2.5	U
2-Nitrophenol	88-75-5	1	1.25	U	1.25	U
3- & 4-Methylphenols	65794-96-9	1	1.25	U	1.25	U
3,3-Dichlorobenzidine	91-94-1	5	2.5	U	2.5	U
3-Nitroaniline	99-09-2	5	2.5	U	2.5	U
4,6-Dinitro-2-methylphenol	534-52-1	~	1.25	U	1.25	U
4-Bromophenyl phenyl ether	101-55-3	~	2.5	U	2.5	U
4-Chloro-3-methylphenol	59-50-7	1	1.25	U	1.25	U
4-Chloroaniline	106-47-8	5	2.5	U	2.5	U
4-Chlorophenyl phenyl ether	7005-72-3	~	2.5	U	2.5	U
4-Nitroaniline	100-01-6	5	2.5	U	2.5	U
4-Nitrophenol	100-02-7	1	1.25	R	1.25	R
Acenaphthene	83-32-9	20	0.05	U	0.05	U
Acenaphthylene	208-96-8	~	0.05	U	0.05	U
Acetophenone	98-86-2	~	2.5	U	2.5	U
Aniline	62-53-3	5	2.5	U	2.5	U
Anthracene	120-12-7	50	0.05	U	0.05	U
Atrazine	1912-24-9	~	0.5	U	0.5	U
Benzaldehyde	100-52-7	~	2.5	U	2.5	U
Benzidine	92-87-5	~	10	U	10	U
Benzo(a)anthracene	56-55-3	0.002	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	0.002	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	0.002	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	~	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.002	0.05	U	0.05	U
Benzoic acid	65-85-0	~	25	R	25	R
Benzyl alcohol	100-51-6	~	2.5	U	2.5	U
Benzyl butyl phthalate	85-68-7	50	2.5	U	2.5	U
Bis(2-chloroethoxy)methane	111-91-1	5	2.5	U	2.5	U
Bis(2-chloroethyl)ether	111-44-4	1	1.25	U	1.25	U
Bis(2-chloroisopropyl)ether	108-60-1	5	2.5	U	2.5	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	0.5	U	0.5	U
Caprolactam	105-60-2	~	2.5	U	2.5	U
Carbazole	86-74-8	~	2.5	U	2.5	U
Chrysene	218-01-9	0.002	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	~	0.05	U	0.05	U
Dibenzofuran	132-64-9	~	2.5	U	2.5	U
Diethyl phthalate	84-66-2	50	2.5	U	2.5	U
Dimethyl phthalate	131-11-3	50	2.5	U	2.5	U
Di-n-butyl phthalate	84-74-2	50	2.5	U	2.5	U
Di-n-octyl phthalate	117-84-0	50	2.5	U	2.5	U
Fluoranthene	206-44-0	50	0.05	U	0.05	U
Fluorene	86-73-7	50	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.04	0.02	U	0.02	U
Hexachlorobutadiene	87-68-3	0.5	0.5	U	0.5	U
Hexachlorocyclopentadiene	77-47-4	5	2.5	U	2.5	U
Hexachloroethane	67-72-1	5	0.5	U	0.5	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.05	U	0.05	U
Isophorone	78-59-1	50	2.5	U	2.5	U
Naphthalene	91-20-3	10	0.05	U	**0.68**	
Nitrobenzene	98-95-3	0.4	0.25	U	0.25	U
N-Nitrosodimethylamine	62-75-9	~	0.5	U	0.5	U
N-nitroso-di-n-propylamine	621-64-7	~	2.5	U	2.5	U
N-Nitrosodiphenylamine	86-30-6	50	2.5	U	2.5	U
Pentachlorophenol	87-86-5	1	0.25	U	0.25	U
Phenanthrene	85-01-8	50	0.05	U	0.05	U
Phenol	108-95-2	1	1.25	U	1.25	U
Pyrene	129-00-0	50	0.05	U	0.05	U
Pyridine	110-86-1	50	2.5	U	2.5	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
R= Unreliable result; data is rejected or unusable. Analyte may or may not be

Table 10
SVOCs in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	MW-1		MW-1I		MW-1D		MW-2	
Laboratory ID			25E0936-01		25F0381-01		25F0238-01		25F0238-02	
Sampling Date			5/14/2025		6/5/2025		6/4/2025		6/4/2025	
Sample Matrix			Ground Water		Ground Water		Ground Water		Ground Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous		ug/L	ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1	
1,4-Dioxane	123-91-1	0.35	0.3	U	0.3	U	0.3	U	0.3	U
SVOA, 8270 LOW MASTER		ug/L	ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1	
1,1-Biphenyl	92-52-4	~	2.5	U	**2.5**	UJ	**2.5**	UJ	**2.5**	UJ
1,2,4,5-Tetrachlorobenzene	95-94-3	~	2.5	U	2.5	U	2.5	U	2.5	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	2.5	U	**2.5**	UJ	2.5	U	2.5	U
2,4,5-Trichlorophenol	95-95-4	1	2.5	U	2.5	U	2.5	U	2.5	U
2,4,6-Trichlorophenol	88-06-2	1	2.5	U	2.5	U	2.5	U	2.5	U
2,4-Dichlorophenol	120-83-2	5	2.5	U	2.5	U	2.5	U	2.5	U
2,4-Dimethylphenol	105-67-9	50	2.5	U	2.5	U	2.5	U	2.5	U
2,4-Dinitrophenol	51-28-5	10	**2.5**	UJ	**2.5**	UJ	2.5	R	2.5	R
2,4-Dinitrotoluene	121-14-2	5	2.5	U	2.5	U	2.5	U	2.5	U
2,6-Dinitrotoluene	606-20-2	5	2.5	U	2.5	U	2.5	U	2.5	U
2-Chloronaphthalene	91-58-7	10	2.5	U	2.5	U	2.5	U	2.5	U
2-Chlorophenol	95-57-8	1	2.5	U	**2.5**	UJ	**2.5**	UJ	**2.5**	UJ
2-Methylnaphthalene	91-57-6	~	2.5	U	2.5	U	2.5	U	2.5	U
2-Methylphenol	95-48-7	1	2.5	U	**2.5**	UJ	**2.5**	UJ	**2.5**	UJ
2-Nitroaniline	88-74-4	5	2.5	U	2.5	U	2.5	U	2.5	U
2-Nitrophenol	88-75-5	1	2.5	U	2.5	U	2.5	U	2.5	U
3- & 4-Methylphenols	65794-96-9	1	2.5	U	2.5	U	2.5	U	2.5	U
3,3-Dichlorobenzidine	91-94-1	5	2.5	U	**2.5**	UJ	**2.5**	UJ	**2.5**	UJ
3-Nitroaniline	99-09-2	5	2.5	U	2.5	U	2.5	U	2.5	U
4,6-Dinitro-2-methylphenol	534-52-1	~	**2.5**	UJ	**2.5**	UJ	2.5	R	2.5	R
4-Bromophenyl phenyl ether	101-55-3	~	2.5	U	2.5	U	2.5	U	2.5	U
4-Chloro-3-methylphenol	59-50-7	1	2.5	U	2.5	U	2.5	U	2.5	U
4-Chloroaniline	106-47-8	5	2.5	U	2.5	U	2.5	U	2.5	U
4-Chlorophenyl phenyl ether	7005-72-3	~	2.5	U	2.5	U	2.5	U	2.5	U
4-Nitroaniline	100-01-6	5	2.5	U	2.5	U	2.5	U	2.5	U
4-Nitrophenol	100-02-7	1	**5**	UJ	**5**	UJ	5	U	5	U
Acetophenone	98-86-2	~	2.5	U	2.5	U	2.5	U	2.5	U
Benzaldehyde	100-52-7	~	2.5	U	**2.5**	UJ	**2.5**	UJ	**2.5**	UJ
Benzyl butyl phthalate	85-68-7	50	2.5	U	2.5	U	2.5	U	2.5	U
Bis(2-chloroethoxy)methane	111-91-1	5	2.5	U	**2.5**	UJ	2.5	U	2.5	U
Bis(2-chloroethyl)ether	111-44-4	1	1	U	1	U	1	U	1	U
Bis(2-chloroisopropyl)ether	108-60-1	5	**2.5**	UJ	2.5	U	2.5	U	2.5	U
Caprolactam	105-60-2	~	2.5	U	**2.5**	UJ	2.5	U	2.5	U
Carbazole	86-74-8	~	2.5	U	2.5	U	2.5	U	2.5	U
Dibenzofuran	132-64-9	~	2.5	U	2.5	U	2.5	U	2.5	U
Diethyl phthalate	84-66-2	50	2.5	U	2.5	U	2.5	U	2.5	U
Dimethyl phthalate	131-11-3	50	2.5	U	2.5	U	2.5	U	2.5	U
Di-n-butyl phthalate	84-74-2	50	2.5	U	2.5	U	2.5	U	2.5	U
Di-n-octyl phthalate	117-84-0	50	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorocyclopentadiene	77-47-4	5	**5**	UJ	5	U	5	R	5	R
Isophorone	78-59-1	50	2.5	U	2.5	U	2.5	U	2.5	U
N-nitroso-di-n-propylamine	621-64-7	~	**2.5**	UJ	2.5	U	2.5	U	2.5	U
N-Nitrosodiphenylamine	86-30-6	50	2.5	U	**2.5**	UJ	2.5	R	2.5	R
Phenol	108-95-2	1	0.75	U	0.75	U	0.75	U	0.75	U
Propargite	2312-35-8	~	2.5	U	2.5	U	2.5	U	2.5	U
Pyridine	110-86-1	50	2.5	U	2.5	U	2.5	R	2.5	R
SVOA, 8270 SIM MASTER		ug/L	ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1	
Acenaphthene	83-32-9	20	0.05	U	0.05	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	~	0.05	U	0.05	U	0.05	U	0.05	U
Anthracene	120-12-7	50	0.05	U	0.05	U	0.05	U	0.05	U
Atrazine	1912-24-9	~	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	56-55-3	0.002	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	0.002	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	0.002	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	~	0.05	U	**0.05**	UJ	**0.05**	UJ	**0.05**	UJ
Benzo(k)fluoranthene	207-08-9	0.002	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	0.5	U	0.5	U	0.5	U	0.5	U
Chrysene	218-01-9	0.002	0.05	U	0.05	U	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	~	0.05	U	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	50	0.05	U	0.05	U	0.05	U	0.05	U
Fluorene	86-73-7	50	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.04	0.02	U	0.02	U	0.02	U	0.02	U
Hexachlorobutadiene	87-68-3	0.5	0.5	U	0.5	U	0.5	U	0.5	U
Hexachloroethane	67-72-1	5	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.05	U	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	10	0.05	U	0.05	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	0.4	**0.25**	UJ	**0.25**	UJ	**0.25**	UJ	**0.25**	UJ
N-Nitrosodimethylamine	62-75-9	~	0.5	U	0.5	R	0.5	R	0.5	R
Pentachlorophenol	87-86-5	1	**0.25**	UJ	**0.25**	UJ	0.25	U	0.25	U
Phenanthrene	85-01-8	50	0.05	U	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	50	0.05	U	0.05	U	0.05	U	0.05	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 10
SVOCs in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	MW-3		MW-DUP-1		MW-4		MW-5		MW-6		MW-7		FB-1	
Laboratory ID			25E1068-01		25E1068-02		25F0238-03		25F0238-06		25F0381-02		25E0936-02		25E0936-03	
Sampling Date			5/15/2025		5/15/2025		6/4/2025		6/4/2025		6/5/2025		5/14/2025		5/14/2025	
Sample Matrix			Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.35	0.3	U	0.3	U	0.3	U	0.3	U	**0.32**		0.3	U	0.3	U
SVOA, 8270 LOW MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1	
1,1-Biphenyl	92-52-4	~	2.78	U	**2.78**	UJ	**2.5**	UJ	**2.5**	UJ	**2.5**	UJ	2.5	U	2.5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	2.78	U	2.78	U	2.5	U	**2.5**	UJ	**2.5**	UJ	2.5	U	**2.5**	UJ
2,4,5-Trichlorophenol	95-95-4	1	2.78	U	**2.78**	UJ	**2.5**	UJ	**2.5**	UJ	2.5	U	2.5	U	2.5	U
2,4,6-Trichlorophenol	88-06-2	1	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,4-Dichlorophenol	120-83-2	5	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,4-Dimethylphenol	105-67-9	50	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,4-Dinitrophenol	51-28-5	10	**2.78**	UJ	**2.78**	UJ	2.5	R	**2.5**	UJ	**2.5**	UJ	**2.5**	UJ	**2.5**	UJ
2,4-Dinitrotoluene	121-14-2	5	**2.78**	UJ	**2.78**	UJ	2.5	U	2.5	U	2.5	U	**2.5**	UJ	**2.5**	UJ
2,6-Dinitrotoluene	606-20-2	5	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	**2.5**	UJ
2-Chloronaphthalene	91-58-7	10	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Chlorophenol	95-57-8	1	2.78	U	**2.78**	UJ	**2.5**	UJ	**2.5**	UJ	**2.5**	UJ	2.5	U	2.5	U
2-Methylnaphthalene	91-57-6	~	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Methylphenol	95-48-7	1	2.78	U	2.78	U	**2.5**	UJ	**2.5**	UJ	**2.5**	UJ	2.5	U	2.5	U
2-Nitroaniline	88-74-4	5	**2.78**	UJ	**2.78**	UJ	2.5	U	2.5	U	2.5	U	**2.5**	UJ	**2.5**	UJ
2-Nitrophenol	88-75-5	1	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	**2.5**	UJ
3- & 4-Methylphenols	65794-96-9	1	2.78	U	**2.78**	UJ	**2.5**	UJ	**2.5**	UJ	2.5	U	2.5	U	2.5	U
3,3-Dichlorobenzidine	91-94-1	5	2.78	U	2.78	U	2.5	U	2.5	U	**2.5**	UJ	2.5	U	2.5	U
3-Nitroaniline	99-09-2	5	**2.78**	UJ	**2.78**	UJ	2.5	U	2.5	U	2.5	U	**2.5**	UJ	2.5	U
4,6-Dinitro-2-methylphenol	534-52-1	~	2.78	U	2.78	U	2.5	R	**2.5**	UJ	**2.5**	UJ	2.5	U	**2.5**	UJ
4-Bromophenyl phenyl ether	101-55-3	~	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Chloro-3-methylphenol	59-50-7	1	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Chloroaniline	106-47-8	5	2.78	U	**2.78**	UJ	**2.5**	UJ	**2.5**	UJ	2.5	U	2.5	U	2.5	U
4-Chlorophenyl phenyl ether	7005-72-3	~	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Nitroaniline	100-01-6	5	**2.78**	UJ	**2.78**	UJ	2.5	U	2.5	U	2.5	U	**2.5**	UJ	**2.5**	UJ
4-Nitrophenol	100-02-7	1	**5.56**	UJ	**5.56**	UJ	5	U	**5**	UJ	**5**	UJ	**5**	UJ	**5**	UJ
Acetophenone	98-86-2	~	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Benzaldehyde	100-52-7	~	2.78	U	**2.78**	UJ	**2.5**	UJ	**2.5**	UJ	**2.5**	UJ	2.5	U	2.5	U
Benzyl butyl phthalate	85-68-7	50	**2.78**	UJ	**2.78**	UJ	2.5	U	2.5	U	2.5	U	**2.5**	UJ	2.5	U
Bis(2-chloroethoxy)methane	111-91-1	5	2.78	U	2.78	U	2.5	U	**2.5**	UJ	**2.5**	UJ	2.5	U	2.5	U
Bis(2-chloroethyl)ether	111-44-4	1	1.11	U	1.11	U	1	U	1	U	1	U	1	U	1	U
Bis(2-chloroisopropyl)ether	108-60-1	5	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Caprolactam	105-60-2	~	2.78	U	2.78	U	2.5	U	**2.5**	UJ	**2.5**	UJ	2.5	U	2.5	U
Carbazole	86-74-8	~	**2.78**	UJ	**2.78**	UJ	2.5	U	2.5	U	2.5	U	**2.5**	UJ	2.5	U
Dibenzofuran	132-64-9	~	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Diethyl phthalate	84-66-2	50	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dimethyl phthalate	131-11-3	50	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Di-n-butyl phthalate	84-74-2	50	**2.78**	UJ	**2.78**	UJ	2.5	U	2.5	U	2.5	U	**2.5**	UJ	2.5	U
Di-n-octyl phthalate	117-84-0	50	**2.78**	UJ	**2.78**	UJ	2.5	U	2.5	U	2.5	U	**2.5**	UJ	2.5	U
Hexachlorocyclopentadiene	77-47-4	5	5.56	R	5.56	R	5	R	5	U	5	U	5	R	5	U
Isophorone	78-59-1	50	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
N-nitroso-di-n-propylamine	621-64-7	~	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
N-Nitrosodiphenylamine	86-30-6	50	2.78	U	**2.78**	UJ	2.5	R	**2.5**	UJ	**2.5**	UJ	2.5	U	2.5	R
Phenol	108-95-2	1	0.833	U	0.83	U	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U
Propargite	2312-35-8	~	2.78	U	2.78	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Pyridine	110-86-1	50	2.78	U	2.78	U	2.5	R	2.5	U	2.5	U	2.5	U	2.5	U
SVOA, 8270 SIM MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1	
Acenaphthene	83-32-9	20	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	~	0.05	U	0.05	U	**0.288**	J	0.05	U	0.05	U	0.05	U	0.05	U
Anthracene	120-12-7	50	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Atrazine	1912-24-9	~	0.5	U	0.5	U	**0.5**	UJ	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	56-55-3	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	~	0.05	U	0.05	U	**0.05**	UJ	**0.05**	UJ	**0.05**	UJ	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	0.5	U	0.5	U	**0.5**	UJ	0.5	U	0.5	U	0.5	U	0.5	U
Chrysene	218-01-9	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	~	0.05	U	0.05	U	**0.05**	UJ	0.05	U	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	50	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Fluorene	86-73-7	50	0.05	U	0.05	U	**0.05**	UJ	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.04	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Hexachlorobutadiene	87-68-3	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachloroethane	67-72-1	5	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ	**0.5**	UJ
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.05	U	0.05	U	**0.05**	UJ	0.05	U	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	10	0.05	U	0.05	U	**0.0789**		0.05	U	0.05	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	0.4	**0.25**	UJ	**0.25**	UJ	**0.25**	UJ	**0.25**	UJ	**0.25**	UJ	**0.25**	UJ	**0.25**	UJ
N-Nitrosodimethylamine	62-75-9	~	0.5	U	0.5	U	0.5	R	0.5	R	0.5	R	0.5	U	0.5	R
Pentachlorophenol	87-86-5	1	**0.25**	UJ	**0.25**	UJ	0.25	U	**0.25**	UJ	**0.25**	UJ	**0.25**	UJ	**0.25**	UJ
Phenanthrene	85-01-8	50	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	50	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 10
SVOCs in Groundwater Samples (Lot 12)
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC TOGS Standards and Guidance Values - GA	26MW-1 26B0519-01 2/11/2026 Ground Water		FB 26B0519-02 2/11/2026 Ground Water	
Compound		Result	Q	Result	Q
SVOA, 8270 LOW MASTER	ug/L	ug/L		ug/L	
Dilution Factor		1		1	
1,1-Biphenyl	~	**3.12**	UJ	**2.5**	UJ
1,2,4,5-Tetrachlorobenzene	~	**3.12**	UJ	**2.5**	UJ
2,3,4,6-Tetrachlorophenol	~	3.12	U	2.5	U
2,4,5-Trichlorophenol	1	3.12	U	2.5	U
2,4,6-Trichlorophenol	1	3.12	U	2.5	U
2,4-Dichlorophenol	5	3.12	U	2.5	U
2,4-Dimethylphenol	50	3.12	U	2.5	U
2,4-Dinitrophenol	10	3.12	U	2.5	U
2,4-Dinitrotoluene	5	**3.12**	UJ	**2.5**	UJ
2,6-Dinitrotoluene	5	**3.12**	UJ	**2.5**	UJ
2-Chloronaphthalene	10	**3.12**	UJ	**2.5**	UJ
2-Chlorophenol	1	3.12	U	2.5	U
2-Methylnaphthalene	~	**3.12**	UJ	**2.5**	UJ
2-Methylphenol	1	3.12	U	2.5	U
2-Nitroaniline	5	**3.12**	UJ	**2.5**	UJ
2-Nitrophenol	1	3.12	U	2.5	U
3- & 4-Methylphenols	~	3.12	U	2.5	U
3,3-Dichlorobenzidine	5	**3.12**	UJ	**2.5**	UJ
3-Nitroaniline	5	**3.12**	UJ	**2.5**	UJ
4,6-Dinitro-2-methylphenol	~	3.12	U	2.5	U
4-Bromophenyl phenyl ether	~	**3.12**	UJ	**2.5**	UJ
4-Chloro-3-methylphenol	1	3.12	U	2.5	U
4-Chloroaniline	5	**3.12**	UJ	**2.5**	UJ
4-Chlorophenyl phenyl ether	~	**3.12**	UJ	**2.5**	UJ
4-Nitroaniline	5	**3.12**	UJ	**2.5**	UJ
4-Nitrophenol	1	6.25	R	5	R
Acetophenone	~	**3.12**	UJ	**2.5**	UJ
Benzaldehyde	~	3.12	R	2.5	R
Benzyl butyl phthalate	50	**3.12**	UJ	**2.5**	UJ
Bis(2-chloroethoxy)methane	5	**3.12**	UJ	**2.5**	UJ
Bis(2-chloroethyl)ether	1	**1.25**	UJ	**1**	UJ
Bis(2-chloroisopropyl)ether	5	**3.12**	UJ	**2.5**	UJ
Caprolactam	~	3.12	R	2.5	R
Carbazole	~	**3.12**	UJ	**2.5**	UJ
Dibenzofuran	~	**3.12**	UJ	**2.5**	UJ
Diethyl phthalate	50	**3.12**	UJ	**2.5**	UJ
Dimethyl phthalate	50	**3.12**	UJ	**2.5**	UJ
Di-n-butyl phthalate	50	**3.12**	UJ	**2.5**	UJ
Di-n-octyl phthalate	50	**3.12**	UJ	**2.5**	UJ
Hexachlorocyclopentadiene	5	**6.25**	UJ	**5**	UJ
Isophorone	50	**3.12**	UJ	**2.5**	UJ
N-nitroso-di-n-propylamine	~	**3.12**	UJ	**2.5**	UJ
N-Nitrosodiphenylamine	50	**3.12**	UJ	**2.5**	UJ
Phenol	1	0.938	R	0.75	R
Propargite	~	**3.12**	UJ	**2.5**	UJ
Pyridine	50	3.12	R	2.5	R
SVOA, 8270 SIM MASTER	ug/L	ug/L		ug/L	
Dilution Factor		1		1	
Acenaphthene	20	0.0625	U	0.05	U
Acenaphthylene	~	0.0625	U	0.05	U
Anthracene	50	0.0625	U	0.05	U
Atrazine	~	0.625	U	0.5	U
Benzo(a)anthracene	0.002	0.0625	U	0.05	U
Benzo(a)pyrene	0.002	0.0625	U	0.05	U
Benzo(b)fluoranthene	0.002	0.0625	U	0.05	U
Benzo(g,h,i)perylene	~	0.0625	U	0.05	U
Benzo(k)fluoranthene	0.002	0.0625	U	0.05	U
Bis(2-ethylhexyl)phthalate	5	0.625	U	0.5	U
Chrysene	0.002	0.0625	U	0.05	U
Dibenzo(a,h)anthracene	~	0.0625	U	0.05	U
Fluoranthene	50	0.0625	U	0.05	U
Fluorene	50	0.0625	U	0.05	U
Hexachlorobenzene	0.04	0.0250	U	0.02	U
Hexachlorobutadiene	0.5	0.625	U	0.5	U
Hexachloroethane	5	0.625	U	0.5	U
Indeno(1,2,3-cd)pyrene	0.002	0.0625	U	0.05	U
Naphthalene	10	0.0625	U	0.05	U
Nitrobenzene	0.4	0.312	U	0.25	U
N-Nitrosodimethylamine	~	0.625	R	0.5	R
Pentachlorophenol	1	0.312	U	0.25	U
Phenanthrene	50	**0.0758**		0.05	U
Pyrene	50	**0.0642**		0.05	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be

Table 11
Pesticides in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC TOGS Standards and Guidance Values - GA	MW-1 25E0936-01 5/14/2025 Ground Water		MW-1I 25F0381-01 6/5/2025 Ground Water		MW-1D 25F0238-01 6/4/2025 Ground Water		MW-2 25F0238-02 6/4/2025 Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		ug/L	ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1	
4,4'-DDD	72-54-8	0.3	0.005	U	0.00471	U	0.00533	U	0.005	U
4,4'-DDE	72-55-9	0.2	0.005	U	0.00471	U	0.00533	U	0.005	U
4,4'-DDT	50-29-3	0.2	0.005	U	0.00471	U	0.00533	U	0.005	U
Aldrin	309-00-2	~	0.005	U	0.00471	U	0.00533	U	0.005	U
alpha-BHC	319-84-6	0.01	0.005	U	0.00471	U	0.00533	U	0.005	U
alpha-Chlordane	5103-71-9	~	0.005	U	0.00471	U	0.00533	U	0.005	U
beta-BHC	319-85-7	0.04	0.005	U	0.00471	U	0.00533	U	0.005	U
Chlordane, total	57-74-9	0.05	0.25	U	0.235	U	0.267	U	0.25	U
Chlordane, total (alpha, gamma)	57-74-9	0.05	0.0125	U	0.0118	U	0.0133	U	0.0125	U
delta-BHC	319-86-8	0.04	0.005	U	0.00471	U	0.00533	U	0.005	U
Dieldrin	60-57-1	0.004	0.0025	U	0.00235	U	0.00267	U	0.0025	U
Endosulfan I	959-98-8	~	0.005	U	0.00471	U	0.00533	U	0.005	U
Endosulfan II	33213-65-9	~	0.005	U	0.00471	U	0.00533	U	0.005	U
Endosulfan sulfate	1031-07-8	~	0.005	U	0.00471	U	0.00533	U	0.005	U
Endrin	72-20-8	~	0.005	U	0.00471	U	0.00533	U	0.005	U
Endrin aldehyde	7421-93-4	5	0.0125	U	0.0118	U	0.0133	U	0.0125	U
Endrin ketone	53494-70-5	5	0.0125	U	0.0118	U	0.0133	U	0.0125	U
gamma-BHC (Lindane)	58-89-9	0.05	0.005	U	0.00471	U	0.00533	U	0.005	U
gamma-Chlordane	5566-34-7	~	0.0125	U	0.0118	U	0.0133	U	0.0125	U
Heptachlor	76-44-8	0.04	0.005	U	0.00471	U	0.00533	U	0.005	U
Heptachlor epoxide	1024-57-3	0.03	0.005	U	0.00471	U	0.00533	U	0.005	U
Methoxychlor	72-43-5	35	0.005	U	0.00471	U	0.00533	U	0.005	U
Toxaphene	8001-35-2	0.06	0.125	U	0.118	U	0.133	U	0.125	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 11
Pesticides in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC TOGS Standards and Guidance Values - GA	MW-3 25E1068-01 5/15/2025 Ground Water		MW-DUP-1 25E1068-02 5/15/2025 Ground Water		MW-4 25F0238-03 6/4/2025 Ground Water		MW-5 25F0238-06 6/4/2025 Ground Water		MW-6 25F0381-02 6/5/2025 Ground Water		MW-7 25E0936-02 5/14/2025 Ground Water		FB-1 25E0936-03 5/14/2025 Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1	
4,4'-DDD	72-54-8	0.3	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
4,4'-DDE	72-55-9	0.2	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
4,4'-DDT	50-29-3	0.2	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
Aldrin	309-00-2	~	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
alpha-BHC	319-84-6	0.01	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
alpha-Chlordane	5103-71-9	~	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
beta-BHC	319-85-7	0.04	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
Chlordane, total	57-74-9	0.05	0.2	U	0.2	U	0.25	U	0.2	U	0.2	U	0.2	U	0.2	U
Chlordane, total (alpha, gamma)	57-74-9	0.05	0.01	U	0.01	U	0.0125	U	0.01	U	0.01	U	0.01	U	0.01	U
delta-BHC	319-86-8	0.04	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
Dieldrin	60-57-1	0.004	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	**0.149**		0.002	U
Endosulfan I	959-98-8	~	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
Endosulfan II	33213-65-9	~	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
Endosulfan sulfate	1031-07-8	~	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
Endrin	72-20-8	~	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
Endrin aldehyde	7421-93-4	5	0.01	U	0.01	U	0.0125	U	0.01	U	0.01	U	0.01	U	0.01	U
Endrin ketone	53494-70-5	5	0.01	U	0.01	U	0.0125	U	0.01	U	0.01	U	0.197		0.01	U
gamma-BHC (Lindane)	58-89-9	0.05	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
gamma-Chlordane	5566-34-7	~	0.01	U	0.01	U	0.0125	U	0.01	U	0.01	U	0.01	U	0.01	U
Heptachlor	76-44-8	0.04	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
Heptachlor epoxide	1024-57-3	0.03	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
Methoxychlor	72-43-5	35	0.004	U	0.004	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004	U
Toxaphene	8001-35-2	0.06	0.1	U	0.1	U	0.125	U	0.1	U	0.1	U	0.1	U	0.1	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 12
PCBs in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC TOGS Standards and Guidance Values - GA	MW-1 25E0936-01 5/14/2025 Ground Water		MW-1I 25F0381-01 6/5/2025 Ground Water		MW-1D 25F0238-01 6/4/2025 Ground Water		MW-2 25F0238-02 6/4/2025 Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ug/L	ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1	
Aroclor 1016	12674-11-2	~	0.0625	U	0.0588	U	0.0667	U	0.0625	U
Aroclor 1221	11104-28-2	~	0.0625	U	0.0588	U	0.0667	U	0.0625	U
Aroclor 1232	11141-16-5	~	0.0625	U	0.0588	U	0.0667	U	0.0625	U
Aroclor 1242	53469-21-9	~	0.0625	U	0.0588	U	0.0667	U	0.0625	U
Aroclor 1248	12672-29-6	~	0.0625	U	0.0588	U	0.0667	U	0.0625	U
Aroclor 1254	11097-69-1	~	0.0625	U	0.0588	U	0.0667	U	0.0625	U
Aroclor 1260	11096-82-5	~	0.0625	U	0.0588	U	0.0667	U	0.0625	U
Total PCBs	1336-36-3	0.09	0.0625	U	0.0588	U	0.0667	U	0.0625	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 12
PCBs in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC TOGS Standards and Guidance Values - GA	MW-3 25E1068-01 5/15/2025 Ground Water		MW-DUP-1 25E1068-02 5/15/2025 Ground Water		MW-4 25F0238-03 6/4/2025 Ground Water		MW-5 25F0238-06 6/4/2025 Ground Water		MW-6 25F0381-02 6/5/2025 Ground Water		MW-7 25E0936-02 5/14/2025 Ground Water		FB-1 25E0936-03 5/14/2025 Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	0.05	U	0.05	U	0.0625	U	0.05	U	0.05	U	0.05	U	0.05	U
Aroclor 1221	11104-28-2	~	0.05	U	0.05	U	0.0625	U	0.05	U	0.05	U	0.05	U	0.05	U
Aroclor 1232	11141-16-5	~	0.05	U	0.05	U	0.0625	U	0.05	U	0.05	U	0.05	U	0.05	U
Aroclor 1242	53469-21-9	~	0.05	U	0.05	U	0.0625	U	0.05	U	0.05	U	0.05	U	0.05	U
Aroclor 1248	12672-29-6	~	0.05	U	0.05	U	0.0625	U	0.05	U	0.05	U	0.05	U	0.05	U
Aroclor 1254	11097-69-1	~	0.05	U	0.05	U	0.0625	U	0.05	U	0.05	U	0.05	U	0.05	U
Aroclor 1260	11096-82-5	~	0.05	U	0.05	U	0.0625	U	0.05	U	0.05	U	0.05	U	0.05	U
Total PCBs	1336-36-3	0.09	0.05	U	0.05	U	0.0625	U	0.05	U	0.05	U	0.05	U	0.05	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 13
Metals in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC TOGS Standards and Guidance Values - GA	MW-1 25E0936-01 5/14/2025 Ground Water		MW-1I 25F0381-01 6/5/2025 Ground Water		MW-1D 25F0238-01 6/4/2025 Ground Water		MW-2 25F0238-02 6/4/2025 Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte, ICP		ug/L	ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1	
Aluminum	7429-90-5	~	**2,120**	J	**419**		**1,490**		**333**	
Barium	7440-39-3	1,000	**91.8**		**124**		**227**		**72.2**	
Calcium	7440-70-2	~	**124,000**	J	**89,200**		**165,000**	J	**107,000**	J
Chromium	7440-47-3	50	**33.7**	J	**8**		5.56	U	**69.2**	
Cobalt	7440-48-4	~	4.44	U	4.44	U	**11.1**		4.44	U
Copper	7440-50-8	200	22.2	U	22.2	U	**23.4**		22.2	U
Iron	7439-89-6	~	**2,870**	J	**962**		**3,020**		**535**	
Lead	7439-92-1	25	5.56	U	5.56	U	**6.11**		5.56	U
Magnesium	7439-95-4	35,000	**35,600**	J	**34,800**		**74,700**		**14,300**	
Manganese	7439-96-5	300	**120**		**207**		**676**		**31.6**	
Nickel	7440-02-0	100	11.1	U	11.1	U	**12**		11.1	U
Potassium	7440-09-7	~	**4,700**	J	**7,360**		**8,450**		**2,710**	
Silver	7440-22-4	50	5.56	U	5.56	U	5.56	U	5.56	U
Sodium	7440-23-5	20,000	**192,000**	J	**187,000**		**104,000**		**156,000**	
Vanadium	7440-62-2	~	11.1	U	11.1	U	11.1	U	11.1	U
Zinc	7440-66-6	2,000	**69.7**		27.8	U	**42.6**		**36**	
Metals, Target Analyte, ICP Dissolved		ug/L	ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1	
Aluminum	7429-90-5	~	55.6	U	55.6	U	55.6	U	55.6	U
Barium	7440-39-3	1,000	**60.2**	J	**118**		**158**		**64.6**	
Calcium	7440-70-2	~	**114,000**	J	**93,900**	J	**107,000**	J	**123,000**	J
Chromium	7440-47-3	50	**28.6**	J	**7.22**		**10.7**		**63.1**	
Cobalt	7440-48-4	~	4.44	U	4.44	U	4.44	U	4.44	U
Copper	7440-50-8	200	22.2	U	22.2	U	22.2	U	22.2	U
Iron	7439-89-6	~	278	U	**452**		278	U	278	U
Lead	7439-92-1	25	5.56	U	5.56	U	5.56	U	5.56	U
Magnesium	7439-95-4	35,000	**34,000**	J	**35,100**		**52,100**		**15,800**	
Manganese	7439-96-5	300	5.56	U	**219**		**108**		5.56	U
Nickel	7440-02-0	100	11.1	U	11.1	U	11.1	U	11.1	U
Potassium	7440-09-7	~	**4,150**	J	**7,580**		**8,330**		**2,880**	
Silver	7440-22-4	50	5.56	U	5.56	U	5.56	U	5.56	U
Sodium	7440-23-5	20,000	**182,000**	J	**186,000**	J	**108,000**		**141,000**	
Vanadium	7440-62-2	~	11.1	U	11.1	U	11.1	U	11.1	U
Zinc	7440-66-6	2,000	27.8	U	**47**		**42.2**		27.8	U
Metals, Target Analyte, ICPMS		ug/L	ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1	
Antimony	7440-36-0	3	1.11	U	2.22	U	1.11	U	1.11	U
Arsenic	7440-38-2	25	**1.54**		2.22	U	**1.17**		1.11	U
Beryllium	7440-41-7	3	**0.698**		0.667	U	0.333	U	0.333	U
Cadmium	7440-43-9	5	**0.729**	J	1.11	U	0.556	U	0.556	U
Selenium	7782-49-2	10	**3.28**		**3.46**		**1.83**		**9.83**	
Thallium	7440-28-0	~	1.11	U	2.22	U	1.11	U	1.11	U
Metals, Target Analyte, ICPMS Dissolved		ug/L	ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1	
Antimony	7440-36-0	3	11.1	U	5.56	U	2.22	U	1.11	U
Arsenic	7440-38-2	25	11.1	U	5.56	U	2.22	U	1.11	U
Beryllium	7440-41-7	3	3.33	U	1.67	U	0.667	U	0.333	U
Cadmium	7440-43-9	5	5.56	U	2.78	U	1.11	U	0.556	U
Selenium	7782-49-2	10	11.1	U	5.56	U	2.22	U	**8.77**	
Thallium	7440-28-0	~	11.1	U	5.56	U	2.22	U	1.11	U
Chromium, Hexavalent		ug/L	ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		5	
Chromium, Hexavalent	18540-29-9	50	**74.6**		10	U	10	U	50	R
Chromium, Trivalent			ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1	
Chromium, Trivalent	16065-83-1	~	10	U	10	U	10	U	**69.2**	

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold and highlighted values are detected at concentrations above NYSDEC TOGS Standards and Guidance Values

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
UJ= Not detected, quantitation limit may be inaccurate or imprecise.

Table 13
Metals in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	MW-3		MW-DUP-1		MW-4		MW-5		MW-6		MW-7		FB-1	
Laboratory ID			25E1068-01		25E1068-02		25F0238-03		25F0238-06		25F0381-02		25E0936-02		25E0936-03	
Sampling Date			5/15/2025		5/15/2025		6/4/2025		6/4/2025		6/5/2025		5/14/2025		5/14/2025	
Sample Matrix			Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte, ICP		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1	
Aluminum	7429-90-5	~	**24,800**		**34,100**		**466**		**712**		**27,100**		**1,160**		55.6	U
Barium	7440-39-3	1,000	**716**		**1,090**		**65.7**		**149**		**293**		**68.7**	J	27.8	UJ
Calcium	7440-70-2	~	**159,000**	J	**226,000**	J	**117,000**	J	**150,000**		**51,500**		**136,000**	J	410	B
Chromium	7440-47-3	50	**75**		**94**		5.56	U	5.56	U	**52.8**		**13.9**		5.56	U
Cobalt	7440-48-4	~	**83**		**128**		**11.3**		4.44	U	**25.8**		4.44	U	4.44	U
Copper	7440-50-8	200	200	U	200	U	22.2	U	22.2	U	**85.2**		22.2	U	22.2	U
Iron	7439-89-6	~	**24,600**	J	**31,000**	J	**1,180**		**1,720**		**39,900**		**1,530**		278	U
Lead	7439-92-1	25	**55**		**55**		5.56	U	5.56	U	**77.1**		5.56	U	5.56	U
Magnesium	7439-95-4	35,000	**42,400**		**60,800**		**30,400**		**62,000**		**19,400**		**49,600**		55.6	U
Manganese	7439-96-5	300	**4,600**		**7,430**		**1,400**		**167**		**1,040**		**227**		5.56	U
Nickel	7440-02-0	100	100	U	**135**		**18.8**		11.1	U	**45.1**		11.1	U	11.1	U
Potassium	7440-09-7	~	**9,770**		**12,600**		**10,600**		**8,060**		**12,900**		**6,370**		**96.1**	J
Silver	7440-22-4	50	50	U	50	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U
Sodium	7440-23-5	20,000	**277,000**		**309,000**		**29,300**		**111,000**		**137,000**		**43,800**	J	**872**	J
Vanadium	7440-62-2	~	100	U	100	U	11.1	U	11.1	U	**60.3**		11.1	U	11.1	U
Zinc	7440-66-6	2,000	250	U	**306**		**76.4**		27.8	U	**137**		27.8	U	27.8	U
Metals, Target Analyte, ICP Dissolved		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Dilution Factor			1		1		1		1		1		1			
Aluminum	7429-90-5	~	55.6	U	55.6	U	55.6	U	55.6	U	55.6	U	55.6	U	NT	
Barium	7440-39-3	1,000	**78.6**		**78.6**		**34.4**		**130**		**28.4**		**63.8**		NT	
Calcium	7440-70-2	~	**84,600**	J	**83,600**	J	**101,000**	J	**153,000**	J	**37,000**	J	**135,000**	J	NT	
Chromium	7440-47-3	50	**5.56**	UJ	**5.56**	UJ	5.56	U	5.56	U	5.56	U	**12.1**	J	NT	
Cobalt	7440-48-4	~	4.44	U	4.44	U	**9.33**		4.44	U	4.44	U	4.440	U	NT	
Copper	7440-50-8	200	22.2	U	22.2	U	22.2	U	22.2	U	22.2	U	22.2	U	NT	
Iron	7439-89-6	~	278	U	278	U	278	U	**387**		278	U	278	U	NT	
Lead	7439-92-1	25	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	NT	
Magnesium	7439-95-4	35,000	**17,700**	J	**17,200**	J	**20,700**		**58,300**		**5,110**		**47,100**	J	NT	
Manganese	7439-96-5	300	**5.56**	UJ	**5.56**	UJ	**290**		**109**		**46.2**		**237**	J	NT	
Nickel	7440-02-0	100	11.1	U	11.1	U	**14.6**		11.1	U	11.1	U	11.1	U	NT	
Potassium	7440-09-7	~	**3,240**	J	**3,370**	J	**10,700**		**8,400**		**3,860**		**6,550**	J	NT	
Silver	7440-22-4	50	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	NT	
Sodium	7440-23-5	20,000	**277,000**	J	**275,000**	J	**33,900**		**115,000**	J	**134,000**		**44,200**	J	NT	
Vanadium	7440-62-2	~	11.1	U	11.1	U	11.1	U	11.1	U	11.1	U	11.1	U	NT	
Zinc	7440-66-6	2,000	27.8	U	27.8	U	**29.2**		**27.9**		27.8	U	**60.9**		NT	
Metals, Target Analyte, ICPMS		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1	
Antimony	7440-36-0	3	2.22	U	1.11	U	1.11	U	2.22	U	1.11	U	1.11	U	1.11	U
Arsenic	7440-38-2	25	**2.71**		**1.19**		**1.33**		**2.9**		**1.92**		**1.53**		**2.56**	
Beryllium	7440-41-7	3	**1.18**		**1.06**		0.333	U	0.667	U	**0.452**		0.333	U	0.333	U
Cadmium	7440-43-9	5	1.11	U	**0.934**		0.556	U	1.11	U	0.556	U	0.556	U	0.556	U
Selenium	7782-49-2	10	**8.67**		**7.88**		**2.28**		**15.9**		**2.46**		**13.5**		**2.85**	J
Thallium	7440-28-0	~	2.22	U	1.11	U	1.11	U	2.22	U	1.11	U	1.11	U	**2.57**	
Metals, Target Analyte, ICPMS Dissolved		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Dilution Factor			1		1		1		1		1		1			
Antimony	7440-36-0	3	5.56	U	1.11	U	1.11	U	10	U	1.11	U	2.22	U	NT	
Arsenic	7440-38-2	25	5.56	U	1.11	U	**1.21**		10	U	1.11	U	2.22	U	NT	
Beryllium	7440-41-7	3	1.67	U	0.333	U	0.333	U	3	U	0.333	U	0.667	U	NT	
Cadmium	7440-43-9	5	2.78	U	0.556	U	0.556	U	5	U	0.556	U	1.11	U	NT	
Selenium	7782-49-2	10	**7.59**		**4.87**		**2.06**		**13.1**		**2.38**	J	**10.5**		NT	
Thallium	7440-28-0	~	5.56	U	1.11	U	1.11	U	10	U	1.11	U	2.22	U	NT	
Chromium, Hexavalent		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1	
Chromium, Hexavalent	18540-29-9	50	10	U	10	U	10	U	10	U	10	R	10	U	10	U
Chromium, Trivalent			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1	
Chromium, Trivalent	16065-83-1	~	**75**		**94**		10	U	10	U	**52.8**		**12.5**		10	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold and highlighted values are detected at concentrations above NYSDEC TOGS Standards and

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Lin
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
UJ= Not detected, quantitation limit may be inaccurate or imprecise.

Table 13 - Metals in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC TOGS Standards and Guidance Values - GA	GW-1 24G1297-01 7/18/2024 Groundwater		GW-2 24G1297-02 7/18/2024 Groundwater	
Compound	**CAS Number**		Result	Q	Result	Q
Metals, Target Analyte, ICP		ppb	ppb		ppb	
Dilution Factor			1		1	
Aluminum	7429-90-5	~	**9,290**	J	**19,800**	J
Barium	7440-39-3	1000	**284**	J	**838**	J
Calcium	7440-70-2	~	**127,000**	J	**147,000**	J
Chromium	7440-47-3	50	**92.6**	J	**89.3**	J
Cobalt	7440-48-4	~	**43.7**	J	**91.4**	J
Copper	7440-50-8	200	**55.6**	J+	**106**	J+
Iron	7439-89-6	~	**16,800**	J	**8,740**	J
Lead	7439-92-1	25	**36**		**95.7**	
Magnesium	7439-95-4	35000	**46,300**	J	**24,500**	J
Manganese	7439-96-5	300	**3,270**	J	**5,720**	J
Nickel	7440-02-0	100	**41.9**	J	**64.9**	J
Potassium	7440-09-7	~	**6,690**		**7,490**	
Silver	7440-22-4	50	5.56	U	5.56	U
Sodium	7440-23-5	20000	**159,000**	J-	**789,000**	J-
Vanadium	7440-62-2	~	**21.9**		**27.7**	
Zinc	7440-66-6	2000	**65**	J	**202**	J
Metals, Target Analyte, ICP Dissolved		ug/L	ug/L			
Dilution Factor			1			
Aluminum	7429-90-5	~	55.6	U	NT	
Barium	7440-39-3	1000	**45.3**		NT	
Calcium	7440-70-2	~	**79,300**		NT	
Chromium	7440-47-3	50	5.56	U	NT	
Cobalt	7440-48-4	~	4.44	U	NT	
Copper	7440-50-8	200	22.2	U	NT	
Iron	7439-89-6	~	278	U	NT	
Lead	7439-92-1	25	5.56	U	NT	
Magnesium	7439-95-4	35000	**31,300**		NT	
Manganese	7439-96-5	300	**195**		NT	
Nickel	7440-02-0	100	11.1	U	NT	
Potassium	7440-09-7	~	**5,780**		NT	
Silver	7440-22-4	50	5.56	U	NT	
Sodium	7440-23-5	20000	**79,200**	J+	NT	
Vanadium	7440-62-2	~	11.1	U	NT	
Zinc	7440-66-6	2000	27.8	U	NT	
Metals, Target Analyte, ICPMS		ug/L	ug/L		ug/L	
Dilution Factor			1		1	
Antimony	7440-36-0	3	1.11	U	1.11	U
Arsenic	7440-38-2	25	**1.44**		**1.84**	
Beryllium	7440-41-7	3	**0.573**		**1.04**	
Cadmium	7440-43-9	5	**0.68**		**2.22**	
Selenium	7782-49-2	10	**1.81**	J	**2.67**	
Thallium	7440-28-0	~	1.11	U	1.11	U
Metals, Target Analyte, ICPMS Dissolved		ug/L	ug/L			
Dilution Factor			1			
Antimony	7440-36-0	3	1.11	U	NT	
Arsenic	7440-38-2	25	1.11	U	NT	
Beryllium	7440-41-7	3	0.333	U	NT	
Cadmium	7440-43-9	5	0.556	U	NT	
Selenium	7782-49-2	10	**3.63**	J	NT	
Thallium	7440-28-0	~	**1.11**	UJ	NT	
Mercury by 7470/7471		ug/L	ug/L		ug/L	
Dilution Factor			1		1	
Mercury	7439-97-6	0.7	**0.2**		**0.8**	
Mercury, Dissolved		ug/L	ug/L			
Dilution Factor			1			
Mercury	7439-97-6	0.7	**0.2**	U	NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.
J+= Analyte is present. Reported value may be biased high andassociated with
a higher level of uncertainty than is normally expected with the analytical method.
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

Table 14
PFAS in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYDEC Part 375 PFAS Remedial Program	MW-1 25E0936-01 5/14/2025 Ground Water		MW-1I 25F0381-01 6/5/2025 Ground Water		MW-1D 25F0238-01 6/4/2025 Ground Water		MW-2 25F0238-02 6/4/2025 Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ng/L	ng/L		ng/L		ng/L		ng/L	
Dilution Factor			1		1		1		1	
11CL-PF3OUdS	763051-92-9	100	1.41	U	1.44	U	1.43	U	1.5	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	100	2.1	U	2.14	U	2.12	U	2.23	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	1.83	U	1.87	U	1.85	U	1.95	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	100	7.68	U	7.82	U	7.75	U	8.16	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	9.69	U	9.88	U	9.78	U	10.3	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	7.5	U	7.65	U	7.57	U	7.97	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	2.08	U	2.12	U	2.1	U	2.21	U
9CL-PF3ONS	756426-58-1	100	0.716	U	0.73	U	0.723	U	0.761	U
ADONA	919005-14-4	100	0.542	U	0.553	U	0.547	U	0.576	U
HFPO-DA (Gen-X)	13252-13-6	100	3.31	U	3.37	U	3.34	U	3.51	U
N-EtFOSA	4151-50-2	~	**1.84**	UJ	**1.88**	UJ	**1.86**	UJ	**1.96**	UJ
N-EtFOSAA	2991-50-6	100	1.05	U	1.07	U	1.06	U	1.12	U
N-EtFOSE	1691-99-2	~	4.08	U	4.16	U	4.12	U	4.34	R
N-MeFOSA	31506-32-8	~	1.62	U	1.65	U	1.63	U	1.72	U
N-MeFOSAA	2355-31-9	100	**0.809**	UJ	0.824	U	0.816	U	**0.859**	UJ
N-MeFOSE	24448-09-7	~	4.08	U	4.16	U	4.12	U	4.34	R
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	0.512	U	0.522	U	0.516	U	0.544	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	100	1.35	U	1.38	U	1.36	U	1.44	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	100	0.931	U	0.949	U	0.94	U	0.99	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	**0.88**	UJ	**0.897**	UJ	**0.888**	UJ	**0.935**	UJ
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	100	0.901	U	0.918	U	0.909	U	**1.08**	J
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	0.778	U	0.793	U	0.785	U	0.827	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	2.19	U	2.23	U	2.21	U	2.33	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	**0.256**	UJ	**0.261**	UJ	**0.258**	UJ	**0.272**	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	0.379	U	0.386	U	0.382	U	0.402	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	100	**6.11**		**8.1**		**7.2**		**0.687**	J
Perfluorodecanoic acid (PFDA)	335-76-2	100	0.768	U	**0.782**	UJ	0.775	U	0.816	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	0.952	U	0.97	U	0.961	U	1.01	U
Perfluorododecanoic acid (PFDoA)	307-55-1	100	0.901	U	0.918	U	0.909	U	0.957	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	100	**15.2**		**12.3**		**17.1**		**6.46**	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	100	**15.3**		**11.9**		**20.6**		**1.74**	J
Perfluorohexanoic acid (PFHxA)	307-24-4	100	**62.8**		**41.1**		**29.2**		**6.08**	
Perfluoro-n-butanoic acid (PFBA)	375-22-4	100	**28.3**		0.344	U	0.341	U	**3.79**	J
Perfluorononanoic acid (PFNA)	375-95-1	100	0.532	U	0.542	U	**0.613**	J	**0.865**	J
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	10	**4**		0.855	U	0.847	U	0.892	U
Perfluorooctanoic acid (PFOA)	335-67-1	10	**43**		**32.7**		**74.6**		**32.8**	
Perfluoropentanoic acid (PFPeA)	2706-90-3	100	**85.4**		**63.1**		**33.3**		**3.79**	J
Perfluorotetradecanoic acid (PFTA)	376-06-7	100	0.706	U	**0.72**	UJ	**0.713**	UJ	0.75	R
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	100	0.757	U	**0.772**	UJ	0.764	U	0.805	R
Perfluoroundecanoic acid (PFUnA)	2058-94-8	100	1.16	U	1.18	U	1.17	U	1.23	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 14
PFAS in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYDEC Part 375 PFAS Remedial Program	MW-3 25E1068-01 5/15/2025 Ground Water		MW-DUP-1 25E1068-02 5/15/2025 Ground Water		MW-4 25F0238-03 6/4/2025 Ground Water		MW-5 25F0238-06 6/4/2025 Ground Water		MW-6 25F0381-02 6/5/2025 Ground Water		MW-7 25E0936-02 5/14/2025 Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ng/L	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
Dilution Factor			1		1		2		1		1		1	
11CL-PF3OUdS	763051-92-9	100	1.33	U	1.16	U	2.87	U	1.68	U	1.46	U	1.45	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	100	1.98	U	1.72	U	4.27	U	2.49	U	2.16	U	2.16	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	1.73	U	1.51	U	3.73	U	2.17	U	1.89	U	1.89	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	100	7.25	U	6.31	U	**16.4**	D	9.1	U	7.91	U	7.9	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	9.16	U	7.96	U	19.7	U	11.5	U	9.99	U	9.98	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	7.09	U	6.16	U	15.3	U	8.9	U	7.74	U	7.72	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	1.96	U	1.71	U	**4.23**	UJ	2.46	U	**4.88**	UJ	2.14	U
9CL-PF3ONS	756426-58-1	100	0.677	U	0.589	U	1.46	U	0.85	U	0.739	U	0.738	U
ADONA	919005-14-4	100	0.512	U	0.446	U	1.1	U	0.643	U	0.559	U	0.558	U
HFPO-DA (Gen-X)	13252-13-6	100	3.12	U	2.72	U	6.73	U	3.92	U	3.41	U	3.4	U
N-EtFOSA	4151-50-2	~	**1.74**	UJ	**1.51**	UJ	**3.75**	UJ	**2.18**	UJ	**1.9**	UJ	**1.9**	UJ
N-EtFOSAA	2991-50-6	100	0.996	U	0.866	U	**2.71**	JD	1.25	U	1.09	U	1.09	U
N-EtFOSE	1691-99-2	~	3.86	U	3.36	U	8.31	U	4.84	U	4.21	U	4.2	U
N-MeFOSA	31506-32-8	~	1.53	U	1.33	U	3.29	U	1.92	U	**1.67**	UJ	1.66	U
N-MeFOSAA	2355-31-9	100	**0.764**	UJ	**0.664**	UJ	1.65	U	0.959	U	0.834	U	**0.832**	UJ
N-MeFOSE	24448-09-7	~	3.86	U	3.36	U	8.31	U	4.84	U	4.21	U	4.2	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	0.483	U	0.421	U	1.04	U	0.607	U	0.528	U	0.527	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	100	1.28	U	1.11	U	2.75	U	1.6	U	**1.39**	UJ	1.39	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	100	**1.22**	J	**0.902**	J	1.9	U	1.1	U	0.96	U	**6.18**	
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	**0.832**	UJ	**0.723**	UJ	**1.79**	UJ	**1.04**	UJ	0.908	U	**0.906**	UJ
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	100	0.851	U	0.74	U	1.83	U	1.07	U	0.929	U	0.927	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	**1.76**	J	**1.6**		**1.94**	JD	0.923	U	0.802	U	0.801	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	2.07	U	1.8	U	4.46	U	2.6	U	2.26	U	2.26	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	**0.242**	UJ	**0.21**	UJ	**0.521**	UJ	**0.303**	UJ	0.264	R	**0.263**	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	0.358	U	0.311	U	**0.771**	UJ	0.449	U	**0.39**	UJ	0.39	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	100	**5.29**		**4.14**		0.979	U	**4.33**		**0.763**	J	**7.01**	
Perfluorodecanoic acid (PFDA)	335-76-2	100	0.725	U	0.631	U	**8.14**	D	0.91	U	**0.791**	UJ	0.79	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	0.899	U	0.782	U	1.94	U	1.13	U	0.981	U	0.98	U
Perfluorododecanoic acid (PFDoA)	307-55-1	100	0.851	U	0.74	U	1.83	U	1.07	U	0.929	U	0.927	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	100	**34.8**		**28.8**		**12.2**	D	**25.7**		**2.28**		**9.01**	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	100	**7.88**		**6.92**		**4.18**	D	**2.08**	J	**0.8**	J	**9.8**	
Perfluorohexanoic acid (PFHxA)	307-24-4	100	**19.2**		**15.8**		**33.3**	D	**29**		**2.84**	J	**32.4**	
Perfluoro-n-butanoic acid (PFBA)	375-22-4	100	**13.1**		**10.1**		0.687	U	0.401	U	0.348	R	**18.3**	
Perfluorononanoic acid (PFNA)	375-95-1	100	**1.68**	J	**2.04**		**23.2**	D	**1.38**	J	**0.576**	J	0.548	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	10	**3.14**		**2.36**		**10.7**	D	**7.56**		0.865	U	0.864	U
Perfluorooctanoic acid (PFOA)	335-67-1	10	**170**		**134**		**77.3**	D	**31.1**		**6.96**		**42.1**	
Perfluoropentanoic acid (PFPeA)	2706-90-3	100	**11.5**		**9.45**		**38.4**	D	**20.1**		**2.72**	UJ	**43.6**	
Perfluorotetradecanoic acid (PFTA)	376-06-7	100	0.667	U	0.58	U	**1.44**	UJ	**0.838**	UJ	0.728	U	0.727	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	100	0.716	U	0.622	U	1.5	U	0.898	U	0.781	U	0.78	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	100	1.09	U	0.95	U	**3.13**	JD	1.37	U	1.19	U	1.19	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 14
PFAS in Groundwater Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID Laboratory ID Sampling Date Sample Matrix		NYDEC Part 375 PFAS Remedial Program	FB-1 25E0936-03 5/14/2025 Water		FB-2 25E1068-05 5/15/2025 Water		FB-4 25F0238-04 6/4/2025 Water		FB-5 25F0381-05 6/5/2025 Water		FB 25F0562-02 6/6/2025 Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ng/L	ng/L		ng/L		ng/L		ng/L		ng/L	
Dilution Factor			1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	100	1.28	U	1.35	U	1.34	U	1.32	U	1.39	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	100	1.9	U	2	U	2	U	1.95	U	2.06	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	1.66	U	1.75	U	1.74	U	1.71	U	1.8	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	100	6.94	U	7.33	U	7.3	U	7.15	U	7.53	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	8.77	U	9.25	U	9.22	U	9.03	U	9.51	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	6.78	U	7.16	U	7.14	U	6.99	U	7.36	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	1.88	U	1.98	U	1.98	R	1.93	U	**4.74**	UJ
9CL-PF3ONS	756426-58-1	100	0.648	U	0.684	U	0.682	U	0.667	U	0.703	U
ADONA	919005-14-4	100	0.491	U	0.518	U	0.516	U	0.505	U	0.532	U
HFPO-DA (Gen-X)	13252-13-6	100	2.99	U	3.16	U	3.15	U	3.08	U	3.24	U
N-EtFOSA	4151-50-2	~	**1.67**	UJ	**1.76**	UJ	**1.75**	UJ	**1.72**	UJ	**1.81**	UJ
N-EtFOSAA	2991-50-6	100	0.953	U	1.01	U	1	U	0.982	U	1.03	U
N-EtFOSE	1691-99-2	~	3.69	U	3.9	U	3.89	U	3.8	U	4.01	U
N-MeFOSA	31506-32-8	~	1.46	U	1.54	U	1.54	U	1.51	U	**1.59**	UJ
N-MeFOSAA	2355-31-9	100	**0.731**	UJ	**0.772**	UJ	0.769	U	0.753	U	0.793	U
N-MeFOSE	24448-09-7	~	3.69	U	3.9	U	3.89	U	3.8	U	4.01	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	0.463	U	0.489	U	0.487	U	0.477	U	0.502	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	100	1.22	U	1.29	U	1.29	U	1.26	U	**1.33**	UJ
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	100	0.842	U	0.889	U	0.886	U	0.867	U	0.913	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	**0.796**	UJ	**0.84**	UJ	**0.837**	UJ	**0.82**	UJ	0.863	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	100	0.815	U	0.86	U	0.857	U	0.839	U	0.883	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	0.703	U	0.743	U	0.74	U	0.724	U	0.763	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	1.98	U	2.09	U	2.08	U	2.04	U	2.15	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	**0.231**	UJ	**0.244**	UJ	0.243	R	**0.238**	UJ	0.251	R
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	0.342	U	0.362	U	0.36	R	0.353	U	**0.371**	UJ
Perfluorobutanesulfonic acid (PFBS)	375-73-5	100	0.435	U	0.459	U	0.458	U	0.448	U	0.472	U
Perfluorodecanoic acid (PFDA)	335-76-2	100	0.694	U	0.733	U	0.73	U	**0.715**	UJ	**0.753**	UJ
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	0.861	U	0.909	U	0.906	U	0.886	U	0.934	U
Perfluorododecanoic acid (PFDoA)	307-55-1	100	0.815	U	0.86	U	0.857	U	0.839	U	0.883	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	100	0.657	U	0.694	U	0.691	U	0.677	U	0.713	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	100	0.629	U	0.664	U	0.662	U	0.648	U	0.683	U
Perfluorohexanoic acid (PFHxA)	307-24-4	100	0.324	U	0.342	U	0.341	U	0.334	U	**0.351**	UJ
Perfluoro-n-butanoic acid (PFBA)	375-22-4	100	0.305	U	0.322	U	0.321	R	0.315	R	0.331	R
Perfluorononanoic acid (PFNA)	375-95-1	100	0.481	U	0.508	U	0.506	U	0.496	U	0.522	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	10	0.759	U	0.801	U	0.798	U	0.782	U	0.823	U
Perfluorooctanoic acid (PFOA)	335-67-1	10	0.389	U	0.41	U	0.409	U	0.4	U	**0.422**	UJ
Perfluoropentanoic acid (PFPeA)	2706-90-3	100	0.213	U	0.225	U	0.224	R	0.219	U	**0.231**	UJ
Perfluorotetradecanoic acid (PFTA)	376-06-7	100	0.639	U	0.674	U	**0.672**	UJ	**0.658**	UJ	0.693	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	100	0.685	U	0.723	U	0.721	U	**0.705**	UJ	0.743	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	100	1.05	U	1.1	U	1.1	U	1.08	U	1.13	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
UJ= Not detected, quantitation limit may be inaccurate or imprecise.
R= Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 13
Metals in Groundwater Samples (Lot 12)
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name Laboratory ID Sampling Date Sample Matrix	NYSDEC TOGS Standards and Guidance Values - GA	26MW-1 26B0519-01 2/11/2026 Ground Water		FB 26B0519-02 2/11/2026 Ground Water	
Compound		Result	Q	Result	Q
Metals, Target Analyte, ICP	ug/L	ug/L		ug/L	
Dilution Factor		50		1	
Aluminum	~	1,490,000		807	
Barium	1,000	**9,950**		27.8	U
Calcium	~	4,420,000	D	**1,550**	
Chromium	50	**3,140**		5.56	U
Cobalt	~	1,490		4.44	U
Copper	200	**5,950**		22.2	U
Iron	~	3,340,000	D	**403**	
Lead	25	**1,040**		6.67	U
Magnesium	35,000	**2,040,000**		**872**	
Manganese	300	**49,400**		**8.56**	
Nickel	100	**2,840**		11.1	U
Potassium	~	507,000	D	1,110	U
Selenium	10	**133**		27.8	U
Silver	50	12.300		6.67	U
Sodium	20,000	**404,000**		1,110	U
Vanadium	~	3,220		11.1	U
Zinc	2,000	**6,850**		27.8	U
Metals, Target Analyte, ICP Dissolved	ug/L	ug/L		ug/L	
Dilution Factor		1		1	
Aluminum	~	833	U	556	U
Barium	1,000	**112**		27.8	U
Calcium	~	**313,000**		556	U
Chromium	50	**13**		5.56	U
Cobalt	~	6.670	U	4.44	U
Copper	200	33.300	U	22.2	U
Iron	~	**656**		278	U
Lead	25	10	U	6.67	U
Magnesium	35,000	**101,000**		66.7	U
Manganese	300	**31.500**		5.56	U
Nickel	100	16.700	U	11.1	U
Potassium	~	**12,600**		1,110	U
Selenium	10	41.700	U	27.8	U
Silver	50	10	U	6.670	U
Sodium	20,000	**385,000**		1,110	U
Vanadium	~	16.700	U	11.1	U
Zinc	2,000	41.700	U	27.8	U
Metals, Target Analyte, ICPMS	ug/L	ug/L		ug/L	
Dilution Factor		1		1	
Antimony	3	1.11	U	1.11	U
Arsenic	25	**101**		1.11	U
Beryllium	3	0.333	U	0.333	U
Cadmium	5	**11.9**		0.556	U
Thallium	~	**5.27**		1.11	U
Metals, Target Analyte, ICPMS Dissolved	ug/L	ug/L		ug/L	
Dilution Factor		1		1	
Antimony	3	1.67	U	1.11	U
Arsenic	25	1.67	U	1.11	U
Beryllium	3	0.5	U	0.333	U
Cadmium	5	0.833	U	0.556	U
Thallium	~	1.67	U	1.11	U
Mercury by 7470/7471	ug/L	ug/L		ug/L	
Dilution Factor		1		1	
Mercury	0.7	0.2	U	0.2	U
Mercury, Dissolved	ug/L	ug/L		ug/L	
Dilution Factor		1		1	
Mercury	0.7	0.2	U	0.2	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 15
VOCs in Soil Vapor Samples
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample ID		25SV-1		25SV-2		25SV-DUP-1		25SV-3		25SV-4		25SV-5		25OA-1	
Laboratory ID		25E0530-01		25E0530-02		25E0530-06		25E0530-03		25E0530-04		25E0530-05		25E0530-07	
Sampling Date		5/7/2025		5/7/2025		5/7/2025		5/7/2025		5/7/2025		5/7/2025		5/7/2025	
Sample Matrix		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Ambient Air	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3	
Dilution Factor		1.885		18.87		34.4		1.867		19.11		18.2		1.012	
1,1,1,2-Tetrachloroethane	630-20-6	1.3	U	13	U	12	U	1.3	U	1.3	U	1.2	U	0.69	U
1,1,1-Trichloroethane	71-55-6	**1.1**	D	**12**	D	**12**	D	**1.7**	D	**2**	D	0.99	U	0.55	U
1,1,2,2-Tetrachloroethane	79-34-5	1.3	U	13	U	12	U	1.3	U	1.3	U	1.2	U	0.69	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	**3.2**	D	**62**	D	**61**	D	**6.2**	D	**12**	D	1.4	U	0.78	U
1,1,2-Trichloroethane	79-00-5	**1**	U	10	U	9.4	U	1	U	1	U	0.99	U	0.55	U
1,1-Dichloroethane	75-34-3	0.76	U	7.6	U	7	U	0.76	U	0.77	U	0.74	U	0.41	U
1,1-Dichloroethylene	75-35-4	0.19	U	1.9	U	1.7	U	0.19	U	0.19	U	0.18	U	0.1	U
1,2,4-Trichlorobenzene	120-82-1	1.4	U	14	U	13	U	1.4	U	1.4	U	1.4	U	0.75	U
1,2,4-Trimethylbenzene	95-63-6	**1.8**	D	9.3	U	8.5	U	**3.8**	D	**3.5**	D	**2.7**	D	**1.3**	D
1,2-Dibromoethane	106-93-4	1.4	U	14	U	13	U	1.4	U	1.5	U	1.4	U	0.78	U
1,2-Dichlorobenzene	95-50-1	1.1	U	11	U	10	U	1.1	U	1.1	U	1.1	U	0.61	U
1,2-Dichloroethane	107-06-2	0.76	U	7.6	U	7	U	0.76	U	0.77	U	0.74	U	0.41	U
1,2-Dichloropropane	78-87-5	0.87	U	8.7	U	7.9	U	0.86	U	0.88	U	0.84	U	0.47	U
1,2-Dichlorotetrafluoroethane	76-14-2	1.3	U	13	U	12	U	1.3	U	1.3	U	1.3	U	0.71	U
1,3,5-Trimethylbenzene	108-67-8	0.93	U	9.3	U	8.5	U	**1.2**	D	**1.2**	D	**0.89**	D	0.5	U
1,3-Butadiene	106-99-0	1.3	U	13	U	11	U	1.2	U	1.3	U	1.2	U	0.67	U
1,3-Dichlorobenzene	541-73-1	1.1	U	11	U	10	U	1.1	U	1.1	U	1.1	U	0.61	U
1,3-Dichloropropane	142-28-9	0.87	U	8.7	U	7.9	U	0.86	U	0.88	U	0.84	U	0.47	U
1,4-Dichlorobenzene	106-46-7	1.1	U	11	U	10	U	1.1	U	**47**	D	1.1	U	0.61	U
1,4-Dioxane	123-91-1	1.4	U	14	U	12	U	1.3	U	1.4	U	1.3	U	0.73	U
2,2,4-Trimethylpentane	540-84-1	0.44	U	4.4	U	4	U	0.44	U	0.45	U	0.43	U	**0.76**	D
2-Butanone	78-93-3	**5.7**	D	5.6	U	5.1	U	**2.6**	D	**25**	D	**20**	D	**3.1**	D
2-Hexanone	591-78-6	1.5	U	15	U	14	U	1.5	U	**3.8**	D	**2.8**	D	0.83	U
3-Chloropropene	107-05-1	3	U	30	U	27	U	2.9	U	3	U	2.8	U	1.6	U
4-Methyl-2-pentanone	108-10-1	**1**	D	7.7	U	7	U	0.76	U	0.78	U	0.75	U	0.41	U
Acetone	67-64-1	**46**	D	36	J	**33**	J	**98**	D	**450**	D	**430**	D	**37**	D
Acrylonitrile	107-13-1	**25**	J	**53**	U	49	U	5.3	J	**17**	J	**12**	J	2.9	U
Benzene	71-43-2	**3.3**	D	6	U	5.5	U	**3**	D	**3**	D	**3.3**	D	**0.97**	D
Benzyl chloride	100-44-7	0.98	U	9.8	U	8.9	U	0.97	U	0.99	U	0.94	U	0.52	U
Bromodichloromethane	75-27-4	1.3	U	13	U	12	U	1.3	U	1.3	U	1.2	U	0.68	U
Bromoform	75-25-2	1.9	U	20	U	18	U	1.9	U	2	U	1.9	U	1	U
Bromomethane	74-83-9	0.73	U	7.3	U	**6.7**	UJ	0.72	U	0.74	U	0.71	U	0.39	U
Carbon disulfide	75-15-0	**20**	D	5.9	U	5.4	U	**15**	D	**3**	D	**2.3**	D	0.32	U
Carbon tetrachloride	56-23-5	**1.4**	D	**8.3**	D	**7.6**	D	**1.3**	D	**0.48**	D	**0.57**	D	**0.51**	D
Chlorobenzene	108-90-7	0.87	U	8.7	U	7.9	U	0.86	U	0.88	U	0.84	U	0.47	U
Chloroethane	75-00-3	0.5	U	5	U	4.5	U	0.49	U	0.5	U	0.48	U	0.27	U
Chloroform	67-66-3	**11**	D	**35**	D	**35**	D	**2.2**	D	**1.1**	D	0.89	U	0.49	U
Chloromethane	74-87-3	**0.47**	J	3.9	UJ	**3.6**	UJ	0.39	U	**0.55**	J	**0.56**	J	**0.94**	J-
cis-1,2-Dichloroethylene	156-59-2	0.19	U	**2.2**	D	**2**	D	0.19	U	0.19	U	0.18	U	0.1	U
cis-1,3-Dichloropropylene	10061-01-5	0.86	U	8.6	U	7.8	U	0.85	U	0.87	U	0.83	U	0.46	U
Cyclohexane	110-82-7	**0.97**	D	6.5	U	5.9	U	**1.2**	D	0.66	U	0.63	U	0.35	U
Dibromochloromethane	124-48-1	1.6	U	16	U	15	U	1.6	U	1.6	U	1.6	U	0.86	U
Dichlorodifluoromethane	75-71-8	**13**	D	9.3	U	8.5	U	**5.4**	D	**14**	D	**2.4**	D	**2.2**	D
Ethyl acetate	141-78-6	**6.5**	D	14	U	12	U	**3.4**	D	**8.6**	D	**2.7**	D	**3.4**	D
Ethyl Benzene	100-41-4	**1.6**	D	8.2	U	7.5	U	**1.9**	D	**1.6**	D	**1.1**	D	**0.57**	D
Hexachlorobutadiene	87-68-3	2	U	20	U	18	U	2	U	2	U	1.9	U	1.1	U
Isopropanol	67-63-0	**3.4**	J	28	U	25	U	**3.3**	J	**6.2**	J	**3.9**	J	**2.6**	J
Methyl Methacrylate	80-62-6	0.77	U	7.7	U	7	U	0.76	U	0.78	U	0.75	U	0.41	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.68	U	6.8	U	6.2	U	0.67	U	0.69	U	0.66	U	0.36	U
Methylene chloride	75-09-2	3.9	U	39	U	36	U	3.9	U	4	U	3.8	U	2.1	U
Naphthalene	91-20-3	2	U	20	U	18	U	2	U	2	U	1.9	U	1.1	U
n-Heptane	142-82-5	**2**	D	7.7	U	7	U	**3.1**	D	**2.3**	D	**1.2**	D	**0.54**	D
n-Hexane	110-54-3	**3.9**	D	6.7	U	6.1	U	**6.9**	D	**1.3**	D	0.64	U	**0.82**	D
o-Xylene	95-47-6	**2.2**	D	8.2	U	7.5	U	**3.3**	D	**2.9**	D	**2**	D	**0.75**	D
p- & m- Xylenes	179601-23-1	**5.9**	D	16	U	15	U	**8.8**	D	**5.8**	D	**4.3**	D	**1.9**	D
p-Ethyltoluene	622-96-8	**1.6**	D	9.3	U	8.5	U	**3.1**	D	**3.2**	D	**2.3**	D	**1.1**	D
Propylene	115-07-1	**3.5**	D	3.2	U	3	U	**4.9**	D	**3.9**	D	**2.7**	D	**0.77**	D
Styrene	100-42-5	0.8	U	8	U	7.3	U	0.8	U	0.81	U	0.78	U	0.43	U
Tetrachloroethylene	127-18-4	**210**	D	**5,900**	D	**7,300**	D	**8.9**	D	**23**	D	**1.6**	D	0.69	U
Tetrahydrofuran	109-99-9	1.1	U	11	U	10	U	1.1	U	1.1	U	1.1	U	0.6	U
Toluene	108-88-3	**5.4**	D	**7.8**	D	**7.1**	D	**5**	D	**11**	D	**5**	D	**2.1**	D
trans-1,2-Dichloroethylene	156-60-5	0.75	U	7.5	U	6.8	U	0.74	U	0.76	U	0.72	U	0.4	U
trans-1,3-Dichloropropylene	10061-02-6	0.86	U	8.6	U	7.8	U	0.85	U	0.87	U	0.83	U	0.46	U
Trichloroethylene	79-01-6	**74**	D	**4,200**	D	**4,100**	D	**100**	D	**15**	D	0.24	U	0.14	U
Trichlorofluoromethane (Freon 11)	75-69-4	**160**	D	**3,300**	D	**3,200**	D	**390**	D	**350**	D	**2**	D	**1.3**	D
Vinyl acetate	108-05-4	0.66	U	6.6	U	6.1	U	0.66	U	0.67	U	0.64	U	0.36	U
Vinyl bromide	593-60-2	0.82	U	8.3	U	7.5	U	0.82	U	0.84	U	0.8	U	0.44	U
Vinyl Chloride	75-01-4	0.24	U	2.4	U	2.2	U	0.24	U	0.24	U	0.23	U	0.13	U

NOTES:

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

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

J-= Analyte is present. Reported value may be biased low and associated with
a higher level of uncertainty than is normally expected with the analytical method.
a higher level of uncertainty than is normally expected with the analytical method.

UJ= Not detected, quantitation limit may be inaccurate or imprecise.

Table 15
VOCs in Soil Vapor Samples (Lot 12)
C241285-Former Refron Inc. Gas Reclamation Site
32-20 38th Avenue, 32-10 38th Avenue, 33-18 33rd Street, Queens, New York

Sample Name	26SS-1		26SV-2		26SV-3		DUP		26OA-1	
Sample ID	26B0520-01		26B0520-02		26B0520-04		26B0520-05		26B0520-03	
Sampling Date	2/11/2026		2/11/2026		2/11/2026		2/11/2026		2/11/2026	
Sample Matrix	Sub-Slab Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Ambient Air	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Q_A_Volatile Organics, EPA TO15 Full List	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor	2.83		1.529		1.41		1.397		0.76	
1,1,1,2-Tetrachloroethane	0.97	U	1	U	0.97	U	0.96	U	0.52	U
1,1,1-Trichloroethane	**83**	D	0.83	U	0.77	U	0.76	U	0.41	U
1,1,2,2-Tetrachloroethane	0.97	U	1	U	0.97	U	0.96	U	0.52	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.1	U	1.2	U	**3.5**	D	**3.4**	D	0.58	U
1,1,2-Trichloroethane	0.77	U	0.83	U	0.77	U	0.76	U	0.41	U
1,1-Dichloroethane	0.57	U	0.62	U	0.57	U	0.57	U	0.31	U
1,1-Dichloroethylene	**0.9**	D	0.3	U	0.28	U	0.28	U	0.15	U
1,2,4-Trichlorobenzene	53	U	57	U	52	U	52	U	28	U
1,2,4-Trimethylbenzene	**1.4**	D	0.75	U	**0.97**	D	0.69	U	0.37	U
1,2-Dibromoethane	1.1	U	1.2	U	1.1	U	1.1	U	0.58	U
1,2-Dichlorobenzene	0.85	U	0.92	U	0.85	U	0.84	U	0.46	U
1,2-Dichloroethane	0.57	U	0.62	U	0.57	U	0.57	U	0.31	U
1,2-Dichloropropane	0.65	U	0.71	U	0.65	U	0.65	U	0.35	U
1,2-Dichlorotetrafluoroethane	0.99	U	1.1	U	0.99	U	0.98	U	0.53	U
1,3,5-Trimethylbenzene	0.7	U	0.75	U	0.69	U	0.69	U	0.37	U
1,3-Butadiene	0.94	U	1	U	0.94	U	0.93	U	0.5	U
1,3-Dichlorobenzene	0.85	U	0.92	U	0.85	U	0.84	U	0.46	U
1,3-Dichloropropane	0.65	U	0.71	U	0.65	U	0.65	U	0.35	U
1,4-Dichlorobenzene	0.85	U	0.92	U	0.85	U	0.84	U	0.46	U
1,4-Dioxane	2.5	U	2.8	U	2.5	U	2.5	U	1.4	U
2,2,4-Trimethylpentane	0.33	U	0.36	U	0.33	U	0.33	U	**0.5**	D
2-Butanone	21	U	23	U	21	U	21	U	11	U
2-Hexanone	**1.3**	D	1.3	U	1.2	U	1.1	U	0.62	U
3-Chloropropene	2.2	U	2.4	U	2.2	U	2.2	U	1.2	U
4-Methyl-2-pentanone	0.58	U	0.63	U	0.58	U	0.57	U	**0.44**	D
Acetone	**110**	D	**38**	D	17	U	17	U	**11**	D
Acrolein	0.32	U	0.35	U	0.32	U	0.32	U	**0.28**	D
Acrylonitrile	15	U	17	U	15	U	15	U	8.2	U
Benzene	**1.3**	D	**1.1**	D	0.45	U	0.45	U	**0.75**	D
Benzyl chloride	18	U	20	U	18	U	18	U	9.8	U
Bromodichloromethane	0.95	U	1	U	0.94	U	0.94	U	0.51	U
Bromoform	1.5	U	1.6	U	1.5	U	1.4	U	0.79	U
Bromomethane	0.55	U	0.59	U	0.55	U	0.54	U	0.3	U
Carbon disulfide	0.44	U	0.48	U	0.44	U	0.44	U	0.24	U
Carbon tetrachloride	**0.27**	UJ	**0.29**	UJ	**0.27**	UJ	**0.26**	UJ	**0.14**	UJ
Chlorobenzene	0.65	U	0.7	U	0.65	U	0.64	U	0.35	U
Chloroethane	0.37	U	0.4	U	0.37	U	0.37	U	0.2	U
Chloroform	0.69	U	**8.4**	D	0.69	U	0.68	U	0.37	U
Chloromethane	**1.1**	D	**1.4**	D	0.29	U	0.29	U	**1.3**	D
cis-1,2-Dichloroethylene	0.28	U	0.3	U	0.28	U	0.28	U	0.15	U
cis-1,3-Dichloropropylene	0.64	U	0.69	U	0.64	U	0.63	U	0.34	U
Cyclohexane	0.49	U	0.53	U	0.49	U	0.48	U	0.26	U
Dibromochloromethane	1.2	U	1.3	U	1.2	U	1.2	U	0.65	U
Dichlorodifluoromethane	**2.8**	D	**2.3**	D	**8.6**	D	**8.6**	D	**2**	D
Ethyl acetate	25	U	28	U	25	U	25	U	14	U
Ethyl Benzene	**1.7**	D	0.66	U	**0.67**	D	**0.67**	D	**0.36**	D
Hexachlorobutadiene	1.5	U	1.6	U	1.5	U	1.5	U	0.81	U
Isopropanol	**3.8**	D	**6.7**	D	**3**	D	2.1	U	**2.8**	D
Isopropylbenzene	0.7	U	0.75	U	0.69	U	0.69	U	0.37	U
Methyl Methacrylate	0.58	U	0.63	U	0.58	U	0.57	U	0.31	U
Methyl tert-butyl ether (MTBE)	0.51	U	0.55	U	0.51	U	0.5	U	0.27	U
Methylene chloride	2.9	U	3.2	U	2.9	U	2.9	U	1.6	U
Naphthalene	7.4	U	8	U	7.4	U	7.30	U	4	U
n-Butylbenzene	0.78	U	0.84	U	0.77	U	0.77	U	0.42	U
n-Heptane	**2.8**	D	**1.1**	D	0.58	U	0.57	U	0.31	U
n-Hexane	**3.2**	D	**1.5**	D	0.5	U	0.49	U	**0.64**	D
n-Propylbenzene	0.7	U	0.75	U	0.69	U	0.69	U	0.37	U
o-Xylene	**2.3**	D	0.66	U	**0.61**	J	**0.79**	J	**0.43**	D
p- & m- Xylenes	**7.1**	D	**1.9**	D	**2.4**	D	**2.5**	D	**1.2**	D
p-Ethyltoluene	0.7	U	0.75	U	0.69	U	0.69	U	0.37	U
p-Isopropyltoluene	0.78	U	0.84	U	0.77	U	0.77	U	0.42	U
Propylene	0.24	U	0.26	U	0.24	U	0.24	U	**0.84**	D
sec-Butylbenzene	0.78	U	0.84	U	0.77	U	0.77	U	0.42	U
Styrene	0.60	U	0.65	U	0.6	U	0.6	U	0.32	U
tert-Butylbenzene	0.78	U	0.84	U	0.77	U	0.77	U	0.42	U
Tetrachloroethylene	**9.2**	D	**1.7**	D	**11**	D	**9.2**	D	**0.88**	D
Tetrahydrofuran	0.83	U	0.9	U	0.83	U	0.82	U	0.45	U
Toluene	**5.4**	D	**2.9**	D	**0.69**	D	**0.68**	D	**2.6**	D
trans-1,2-Dichloroethylene	0.56	U	0.61	U	0.56	U	0.55	U	0.3	U
trans-1,3-Dichloropropylene	0.64	U	0.69	U	0.64	U	0.63	U	0.34	U
Trichloroethylene	0.23	U	0.25	U	**3.9**	D	**4.1**	D	0.12	U
Trichlorofluoromethane (Freon 11)	**2.5**	D	**2.1**	D	**110**	D	**110**	D	**1.2**	D
Vinyl acetate	**0.5**	UJ	**0.54**	UJ	**0.5**	UJ	**0.49**	UJ	**0.27**	UJ
Vinyl bromide	0.62	U	0.67	U	0.62	U	0.61	U	0.33	U
Vinyl Chloride	0.18	U	0.2	U	0.18	U	0.18	U	0.097	U
Xylenes, Total	**9.4**	D	2	U	**3.1**	D	**3.3**	D	**1.6**	D

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
UJ = Not detected, quantitation limit may be inaccurate or imprecise.
~=this indicates that no regulatory limit has been established for this analyte
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

APPENDICES

APPENDIX A

PRIOR ENVIRONMENTAL REPORTS
(separate attachment)

APPENDIX B

GEOPHYSICAL REPORT

Coastal Environmental Solutions, Inc.

GEOPHYSICAL INVESTIGATION REPORT

32-20 38th Avenue, Long Island City, NY
Date of Investigation: 5/2/2025

Prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York, NY 10018

Prepared By:

Dennis Berthold
Director of Geophysical Operations
Coastal Environmental Solutions, Inc.
PO Box 342
Medford, New York 11763

1.0 INTRODUCTION

On 5/2/2025, Coastal Environmental Solutions, Inc (Coastal) personnel performed a limited Geophysical Investigation at 32-20 38th Avenue, Long Island City, NY. The areas of interest included the parking lot/loading dock area along 38th Ave as well as the interior of the buildings indicated as the former "Aspen Refrigerants" buildings as directed by the client. Surface conditions consisted of concrete.

2.0 SCOPE OF WORK

1. Locate and mark detectable underground utilities and other subsurface features in client-indicated investigation areas to clear proposed soil boring locations.

3.0 EQUIPMENT

ImpulseRadar PinPointR Ultra-Wide Band (UWB) Penetrating Radar System

Ground Penetrating RADAR (GPR) is a non-destructive geophysical method that produces a continuous cross-sectional profile of subsurface features in real time. GPR operates by transmitting both high and low frequency electromagnetic wave pulses down into the ground through a transmitter in the antenna. The transmitted electromagnetic waves reflect off materials with contrasting dielectric properties from surrounding medium such as underground storage tanks, utilities, distinct contacts between different earth materials, and other various subsurface objects. The antenna receiver collects the reflected electromagnetic waves which are then interpreted by the operator.

The ImpulseRadar PinPointR UWB GPR utilizes a dual band 400/800 MHz HS antenna mounted to a stroller frame which rolls over the surface. The total depth of penetration achieved with the antenna can be up to 10 feet but widely varies based on site-specific subsurface conditions. Conductive materials in the soil attenuate the GPR signal causing a decrease in effective depth of penetration and clarity.

Vivax-Metrotech vLoc3-Pro Receiver/Transmitter

The vLoc3-Pro Receiver is a hand-operated antenna capable of detecting electromagnetic (EM) fields emitted from a source. The EM antenna can detect pipes and cables in the ground at depths of up to 20 feet using active or passive tracing techniques. Passive tracing is the act of locating an underground utility through the detection of electrical or radio signals travelling along conductive utilities. Active tracing is used in conjunction with the Transmitter that is directly connected to the target utility or to a conductive rodder within a non-conductive line. A signal is sent through the utility at a specific frequency that can be detected by the Receiver. The detectability of a target utility depends on many factors including access to the target utility, grounding, depth of utility, conductivity, and other site-specific factors.

TW-6 Pipe and Cable Locator

The TW-6 Pipe and Cable locator is a handheld magnetometer which utilizes a transmitter-receiver pair attached to opposite ends of a handle and carried approximately 1-2ft from the surface. The magnetometer induces an electromagnetic (EM) field into the ground that is generated by the

transmitter. Once the induced EM field passes through a buried metallic object, it generates a secondary EM field which is detected by the receiver, generating an audible tone. Based on the calibration of the magnetometer, the audible tone reflects the strongest response as the highest pitched sound, trailing off on all sides of the peak. This piece of technology can be used to detect subsurface features such as metallic USTs, large diameter conductive pipes, and buried manholes, especially in areas in which traditional GPR methods cannot be utilized, such as overgrown or uneven surfaces.

4.0 METHODOLOGY

1. A subsurface investigation was performed in close proximity to the client proposed soil boring locations. Active and passive detection methods were utilized with the VLoc3-Pro receiver/transmitter. Coastal personnel directly connected to all accessible and traceable pipes, conduits, valve covers, and any other surface feature throughout the site. A passive scan was performed throughout the site to detect any potential underground utilities that could not be located with active scan.
2. (If applicable) The TW-6 was utilized to sweep accessible areas around suspected UST locations in 3-to-5-foot spacings for readings that may represent a buried metallic anomaly. Upon detection of a reading, the approximate size and shape of the anomalous area was marked on the surface to be investigated further with GPR.
3. GPR was utilized to further characterize the approximate dimensions, depth, and shape of the anomalies located with the TW-6. The remainder of the areas around the suspected locations were scanned with GPR in 3-to-5-foot spacing to locate any anomalous features not previously detected such as non-conductive piping and former excavations.
4. All findings were marked on the surface utilizing the American Public Works Association (APWA) recommended color code, seen below:

WHITE	Proposed Excavation/Limits of Investigation
PINK	Temporary Survey Markings (Approximate UST Locations, Soil Boring Locations)
RED	Electric Power Lines, Cables, Conduit and Lighting Cables
YELLOW	Gas, Oil, Steam, Petroleum or Gaseous Materials
ORANGE	Communication, Alarm or Signal Lines, Cables or Conduit
BLUE	Water (Domestic and Fire Lines)
PURPLE	Irrigation, Slurry Lines, Reclaimed Water
GREEN	Sewers and Drain Lines

5.0 SUMMARY OF FINDINGS

Geophysical Investigation

Coastal personnel conducted a limited Geophysical Investigation within all areas of concern as indicated by the client. Coastal visually identified all surface features related to utilities during our initial investigation of the property. Within the sidewalk on the north and east sides of the property, all main utilities were identified connecting to the buildings including electric, communications, natural gas, water, and sanitary.

Within the site, the concrete loading dock on the north side facing 38th Avenue was determined to contain multiple storm drain features. One trench drain adjacent to the loading dock was traced to lead inside the building before connecting to the roof drain system. A drainage grate was also located in the parking lot, though no connected piping was detected with GPR. The structure was filled with debris and soil and was thought to possibly be abandoned.

Inside the building, a series of roof drains led down three columns and into the shallow subsurface below. The cast iron drainpipes were determined to be connected to each other and combined to one structure along the eastern side of the building at the location of an additional double-wide loading dock. The structure appeared to be at the location of a manhole approximately 3 feet below the slab covered with fill and concrete up to the surface. One additional line leading from a sump pit within the basement connected to these lines and was marked as such on the surface. No other drains were detected leading off of the site.

Limitations

The effective depth of GPR penetration was limited to approximately 3.5 feet below the concrete grade surfaces. The limiting factor was due to soil conductivity attenuating the GPR signal. The GPR and TW-6 were unable to be utilized within close proximity to parked vehicles and exterior walls. TW-6 was also unable to be utilized over metal-reinforced concrete.

Disclaimer

The subsurface investigation was performed by Coastal after considering the limits of the scope of work and the time constraint for the investigation. The investigation that is described in this report was undertaken in accordance with current accepted standards and practices of the geophysical survey industry. The results and interpretations that are presented are based on professional judgment and are as accurate as can reasonably be achieved. However, no geophysical equipment can accurately depict all subsurface features due to the geology and environmental conditions of the subsurface. Any intrusive work in proximity to identified anomalies should be carefully considered and cross-referenced with all available site-specific documentation. Coastal is not liable for the use, interpretation, or application of the data and information in this report.

PHOTOS & GPR SCREENSHOTS

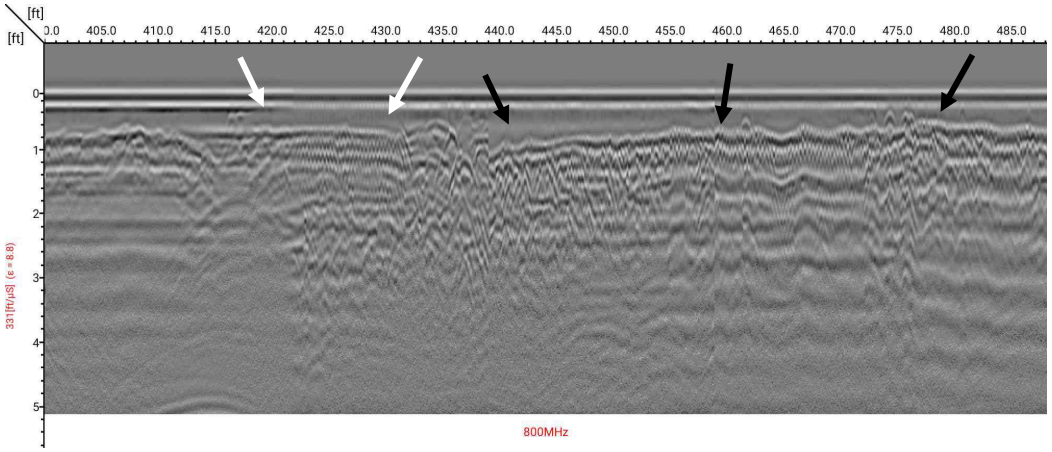
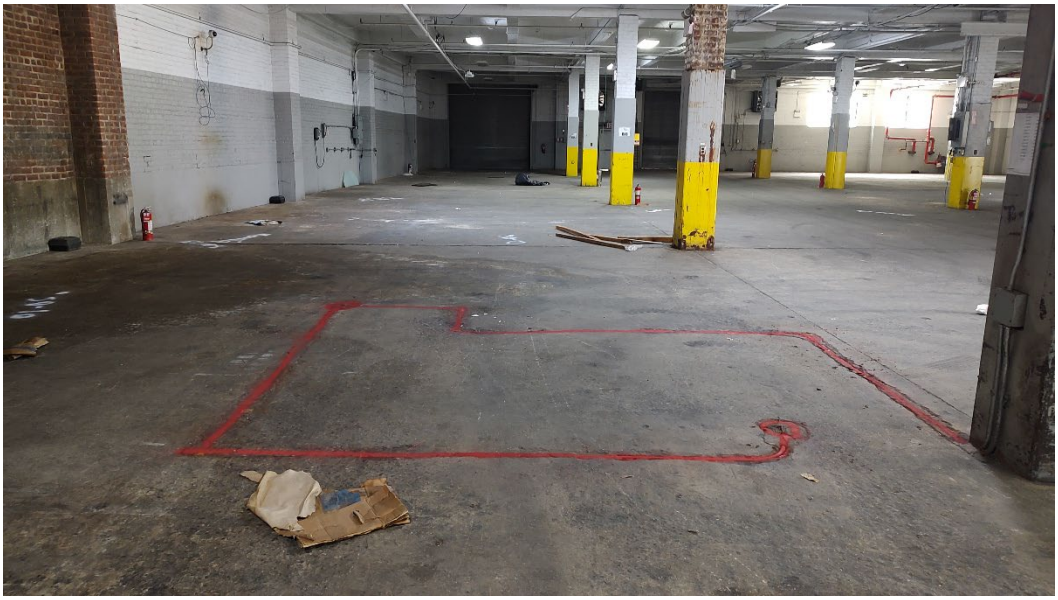


Photo 1 and GPR Screenshot 1 – Photo of the interior of the building at the location of the basement wall intersecting with the remaining slab. At this location, a sump pump line connected to the roof drain lines leading off site. The GPR screenshot shows the change in data between the concrete over the basement (white arrows) versus the slab-on-grade of the rest of the site (black arrows).

Photo 2 – Views of the roof drain lines leading down three of the columns into the subsurface. All detected drain lines were marked on the surface with green paint, while all proposed boring locations were marked in white.

Photo 3 – View from the eastern loading dock facing the remainder of the building. The green marking indicating the drain lines lead to what appeared to be a buried manhole approximately 3 feet below the lower concrete surface. The line pinned to the yellow wall was determined to be connected to the fire sprinkler system of the building.

Photos 4 & 5 – Additional views of the interior of the building showing proposed boring locations (white), detected drain lines (green) and detected electrical conduits (red).



Photos 6 & 7 – View of the interior of the adjacent property containing multiple proposed borings within the space utilized as storage.

APPENDIX C

SOIL BORING LOGS

vEKtor consultants

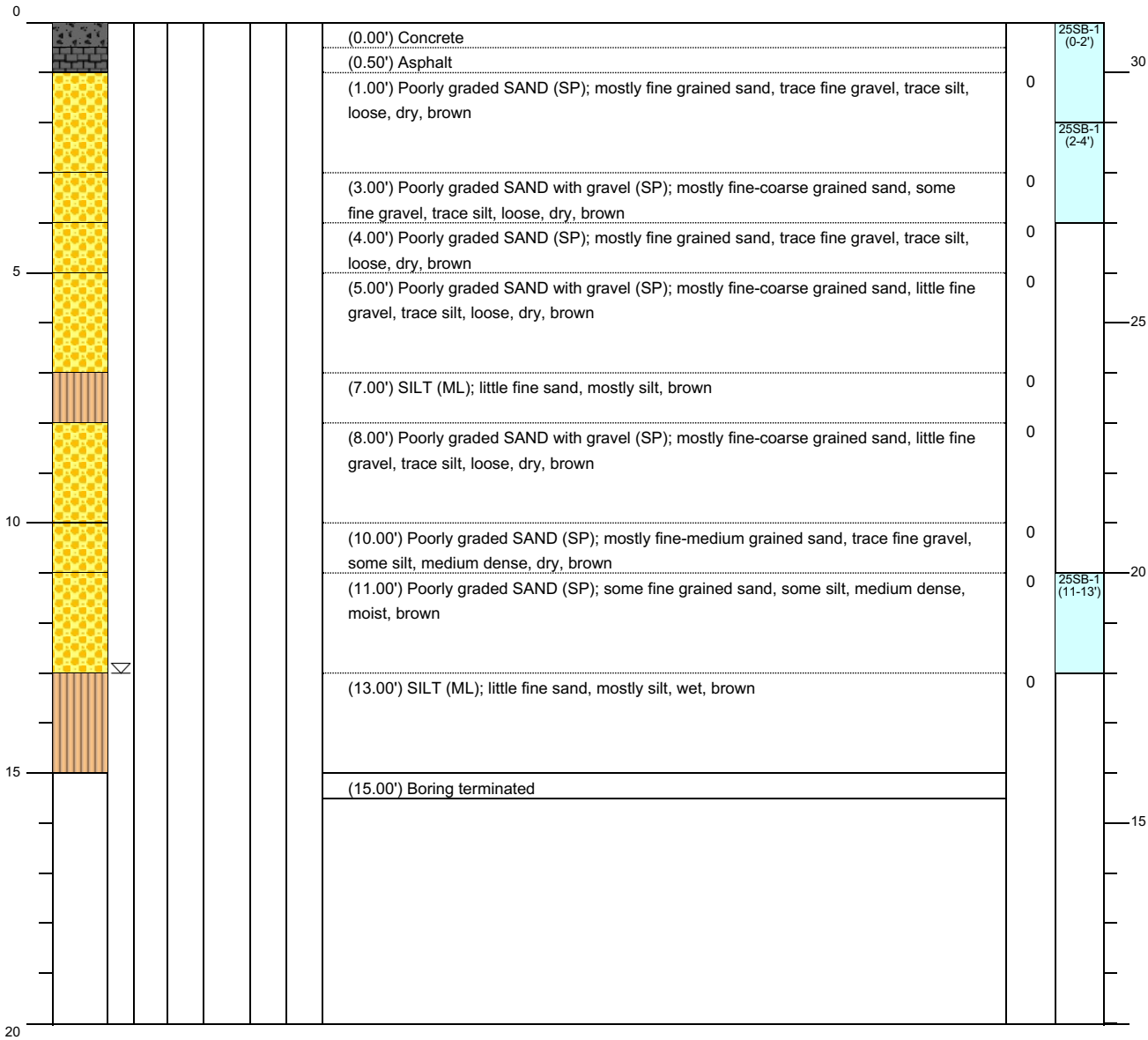
Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. 25SB-1

Page: 1 of 1

Drilling Start Date:	**5/6/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**5/6/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**31**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75284, -73.93156**



NOTES:

vEKtor consultants

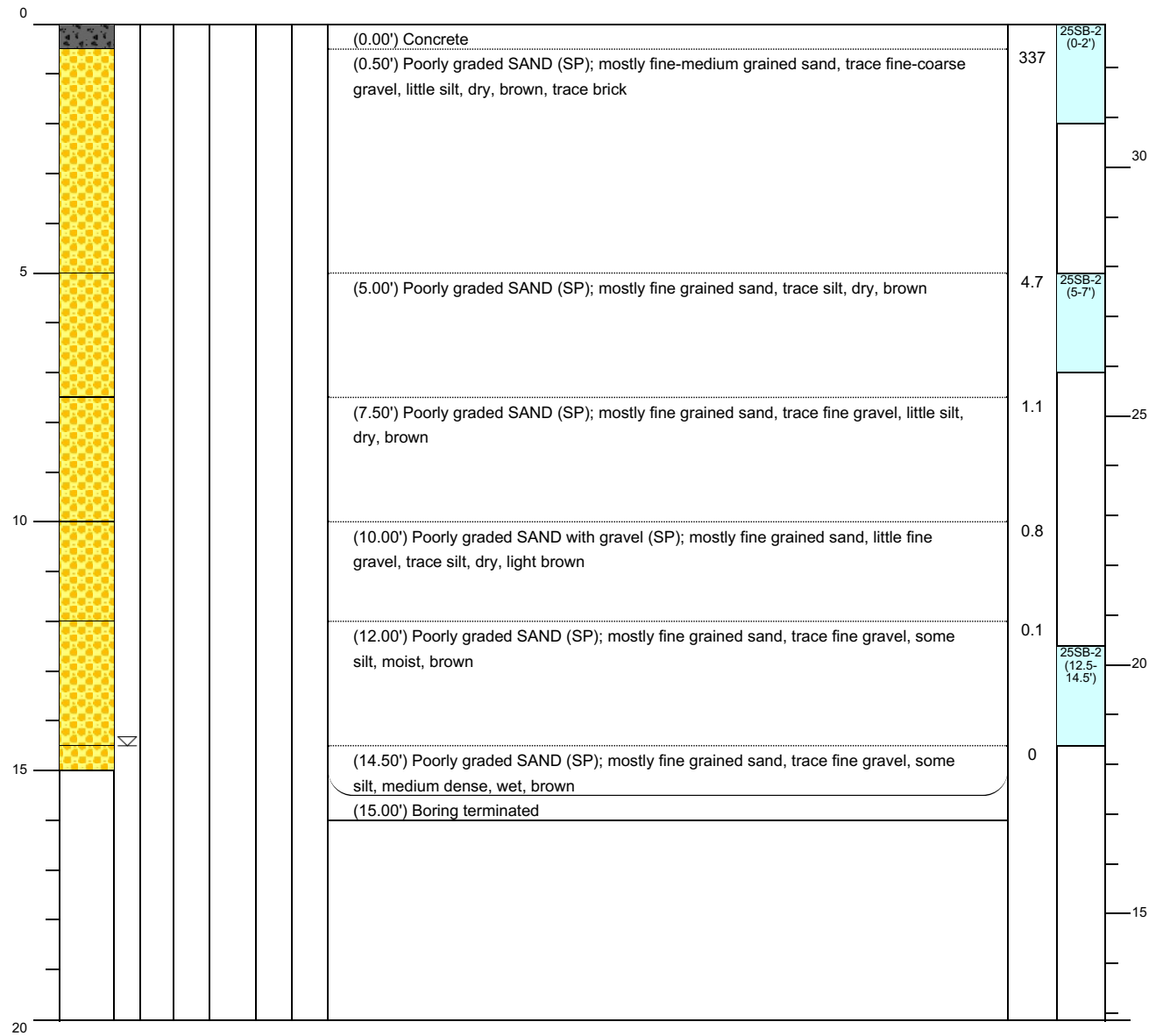
Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. 25SB-2

Page: 1 of 1

Drilling Start Date:	**05/02/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**05/02/2025**	Boring Diameter (in):	**0.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**14.5**
Drilling Equipment:	**6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**32.88**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75297, -73.93090**



NOTES:

vEKtor consultants

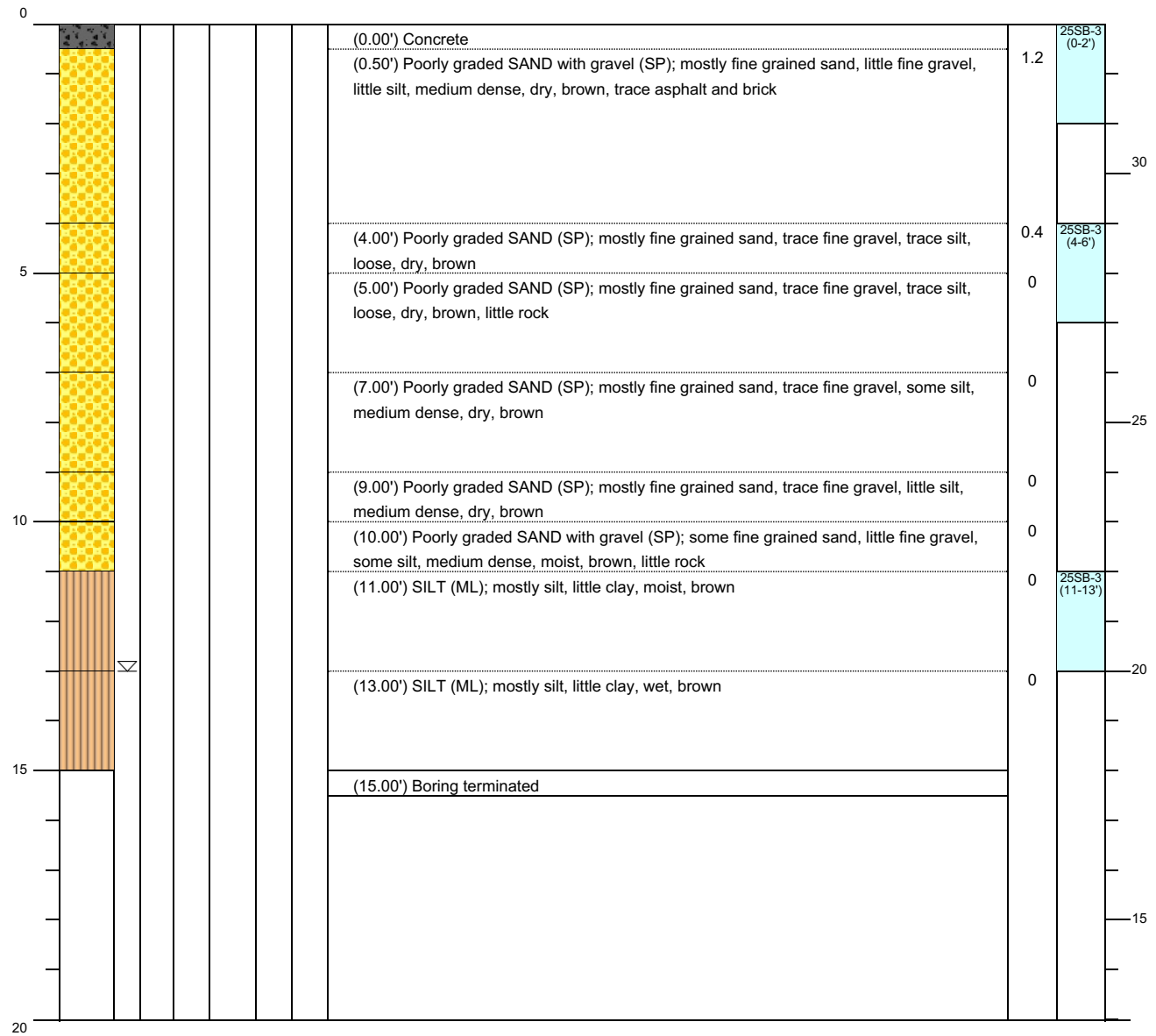
Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. **25SB-3**

Page: **1 of 1**

Drilling Start Date:	**5/6/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**5/6/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**33**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75279, -73.93086**



DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0								(0.00') Concrete			
								(0.50') Poorly graded SAND with gravel (SP); mostly fine grained sand, little fine gravel, little silt, medium dense, dry, brown, trace asphalt and brick	1.2	25SB-3 (0-2')	30
								(4.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0.4	25SB-3 (4-6')	
5								(5.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown, little rock	0		
								(7.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, some silt, medium dense, dry, brown	0		25
								(9.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, medium dense, dry, brown	0		
10								(10.00') Poorly graded SAND with gravel (SP); some fine grained sand, little fine gravel, some silt, medium dense, moist, brown, little rock	0		
		▽						(11.00') SILT (ML); mostly silt, little clay, moist, brown	0	25SB-3 (11-13')	
								(13.00') SILT (ML); mostly silt, little clay, wet, brown	0		20
15								(15.00') Boring terminated			
											15
20											

NOTES:

vEKtor consultants

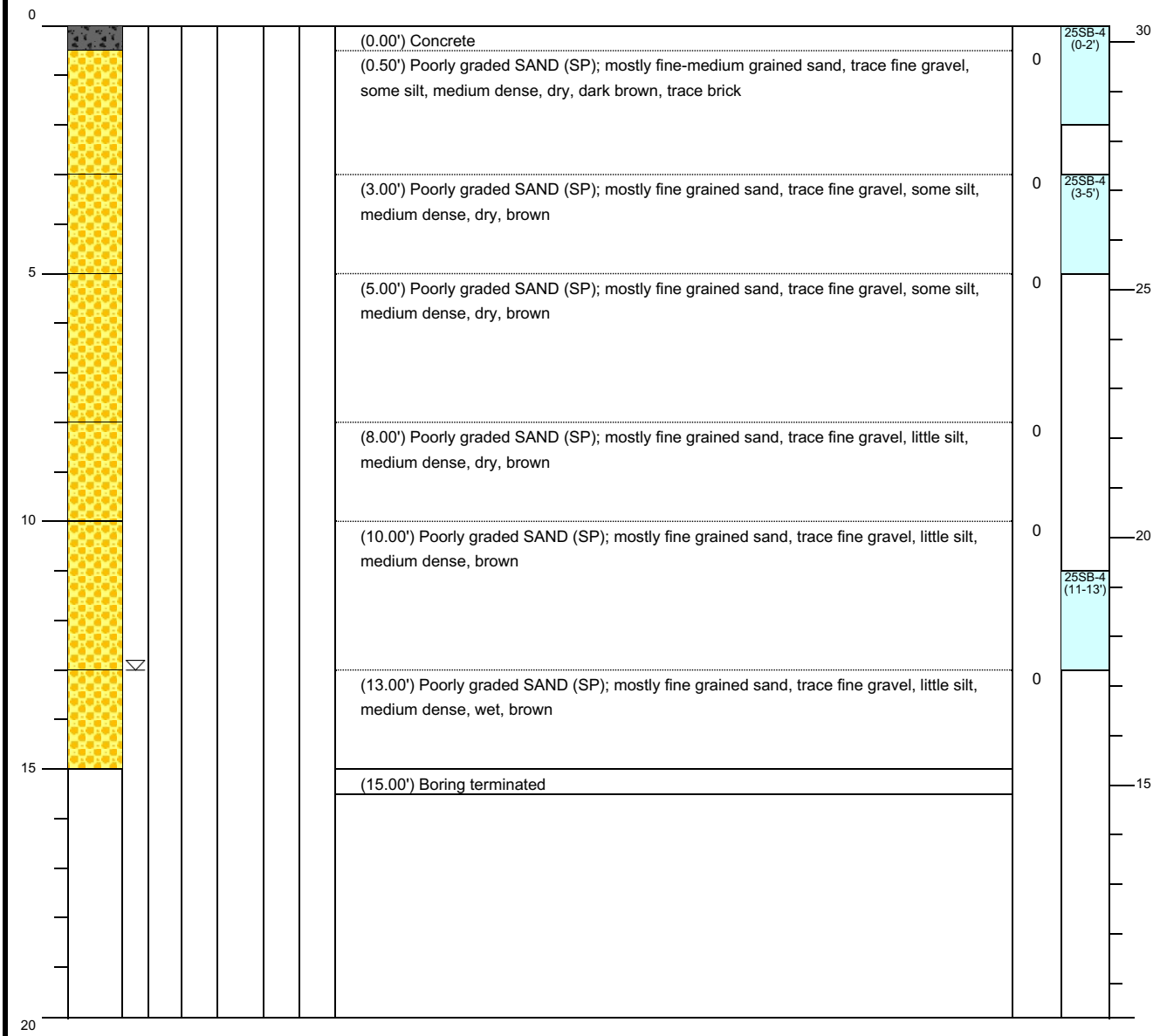
Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. **25SB-4**

Page: **1 of 1**

Drilling Start Date:	**05/02/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**05/02/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**30.32**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75287, -73.93100**



NOTES:

vEKtor consultants

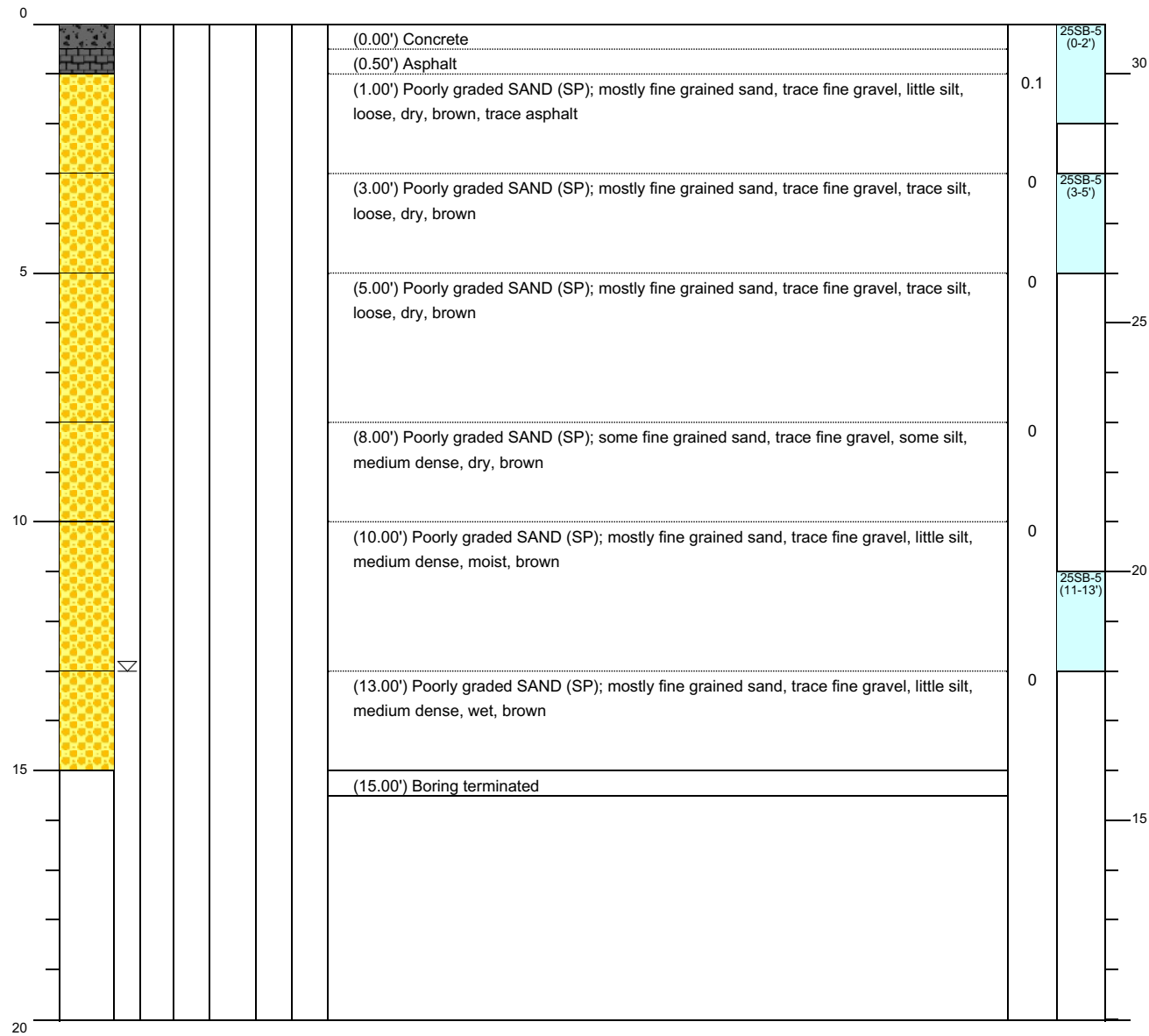
Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. **25SB-5**

Page: **1 of 1**

Drilling Start Date:	**5/5/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**5/5/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**31**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75292, -73.93137**



NOTES:

vEKtor consultants

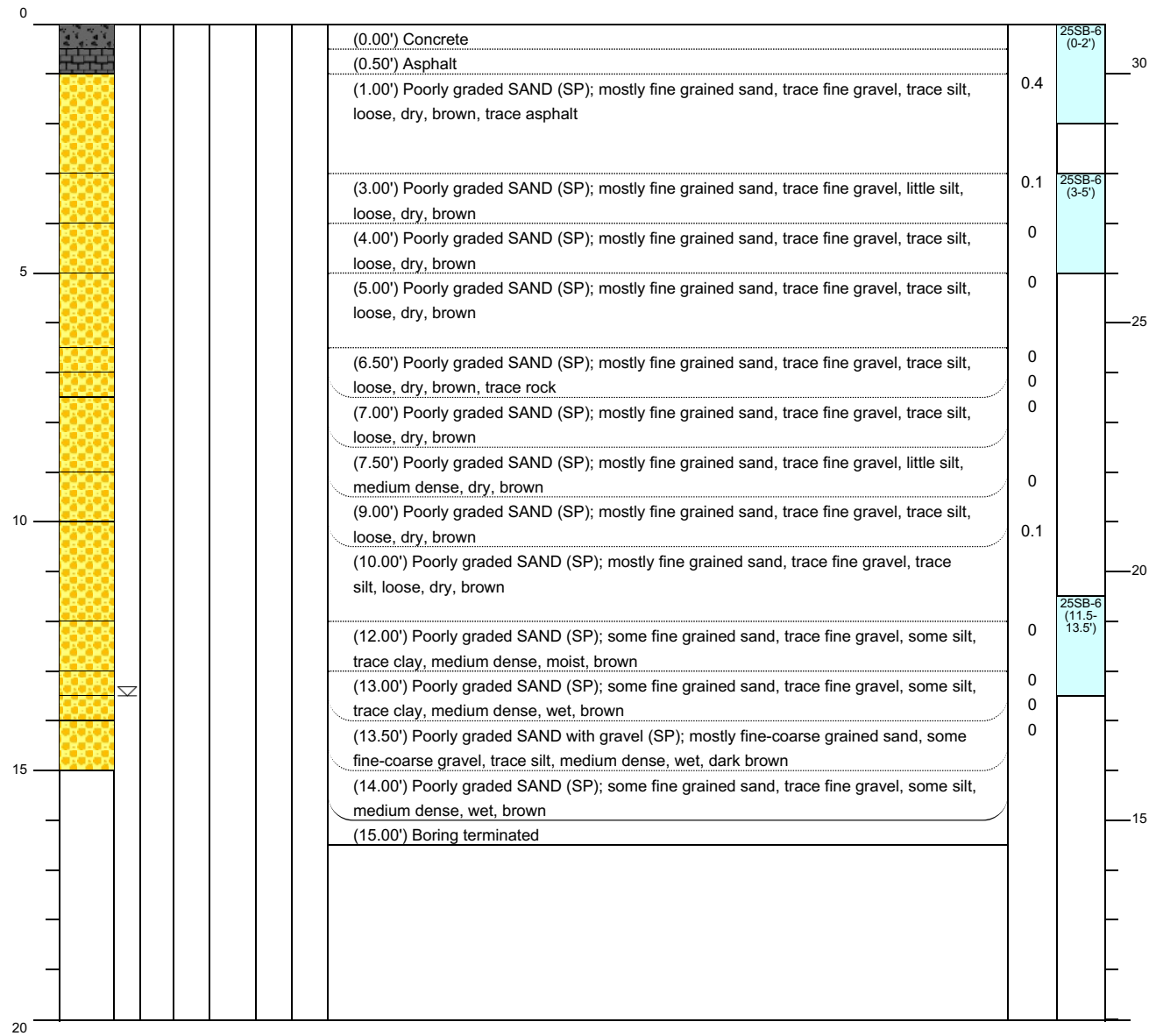
Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. **25SB-6**

Page: **1 of 1**

Drilling Start Date:	**5/5/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**5/5/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13.5**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**31**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75279, -73.93117**



DEPTH (ft)	SOIL/ROCK VISUAL DESCRIPTION	PID (ppm)	Lab Sample	ELEVATION (ft)
	(0.00') Concrete		25SB-6 (0-2')	
	(0.50') Asphalt			
	(1.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown, trace asphalt	0.4		
	(3.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, dry, brown	0.1	25SB-6 (3-5')	
	(4.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
	(5.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
	(6.50') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown, trace rock	0		
	(7.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
	(7.50') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, medium dense, dry, brown	0		
	(9.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0.1		
	(10.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown			
	(12.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, trace clay, medium dense, moist, brown	0	25SB-6 (11.5-13.5')	
	(13.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, trace clay, medium dense, wet, brown	0		
	(13.50') Poorly graded SAND with gravel (SP); mostly fine-coarse grained sand, some fine-coarse gravel, trace silt, medium dense, wet, dark brown	0		
	(14.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, wet, brown	0		
	(15.00') Boring terminated			

NOTES:

vEKtor consultants

Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. **25SB-7**

Page: **1 of 1**

Drilling Start Date:	**5/6/2025**	Boring Depth (ft):	**10**
Drilling End Date:	**5/6/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**8**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**26.57**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75258, -73.93103**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0								(0.00') Concrete: and asphalt			
								(0.50') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, medium dense, dry, brown, trace brick and asphalt	0	26SB-7 (0-2')	25
								(3.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, medium dense, dry, brown	0	26SB-7 (3-5')	
5								(5.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, medium dense, dry, brown	0	26SB-7 (6-8')	20
								(7.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, some silt, medium dense, slightly moist, brown	0		
		▽						(8.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, some silt, medium dense, wet, brown	0		
10								(10.00') Boring terminated			15
15											10
20											

NOTES:

vEKtor consultants

Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. **25SB-8**

Page: **1 of 1**

Drilling Start Date:	**5/6/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**5/6/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**14.5**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**33**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75291, -73.93075**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0								(0.00') Concrete: and brick			
								(0.50') Poorly graded SAND with gravel (SP); mostly fine grained sand, some fine gravel, trace silt, loose, dry, brown, some rock, trace brick	0	25SB-8 (0-2')	
								(3.00') Poorly graded SAND with gravel (SP); mostly fine grained sand, some fine-coarse gravel, trace silt, loose, dry, brown, some rock	0	25SB-8 (3-5')	30
5								(5.00') Poorly graded SAND with gravel (SP); mostly fine grained sand, little fine gravel, trace silt, loose, dry, brown	0		
								(8.00') Poorly graded SAND with gravel (SP); mostly fine-coarse grained sand, some fine-coarse gravel, trace silt, loose, dry, brown, some rock	0		25
10								(10.00') Poorly graded SAND with gravel (SP); mostly fine-coarse grained sand, some fine-coarse gravel, trace silt, loose, moist, brown	0		
		▽								25SB-8 (12.5-14.5')	20
15								(14.50') Poorly graded SAND with gravel (SP); mostly fine-coarse grained sand, some fine-coarse gravel, trace silt, wet, brown	0		
								(15.00') Boring terminated			15
20											

NOTES:

vEKtor consultants

Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. **25SB-9**

Page: **1 of 1**

Drilling Start Date:	**5/5/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**5/5/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**14**
Drilling Equipment:	**Geoprobe 6011DR**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**33**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75275, -73.93128**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0								(0.00') Concrete		25SB-9 (0-2')	30
								(0.50') Asphalt			
								(1.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0.3		
										25SB-9 (2-4')	
								(3.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, medium dense, dry, brown	0		
								(4.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
5								(5.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		25
								(9.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, medium dense, dry, brown	0		
10								(10.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, medium dense, dry, brown	0	25SB-9 (12-14')	20
		▽						(14.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, some silt, medium dense, wet, brown	0		
15								(15.00') Boring terminated			15
20											

NOTES:

vEKtor consultants

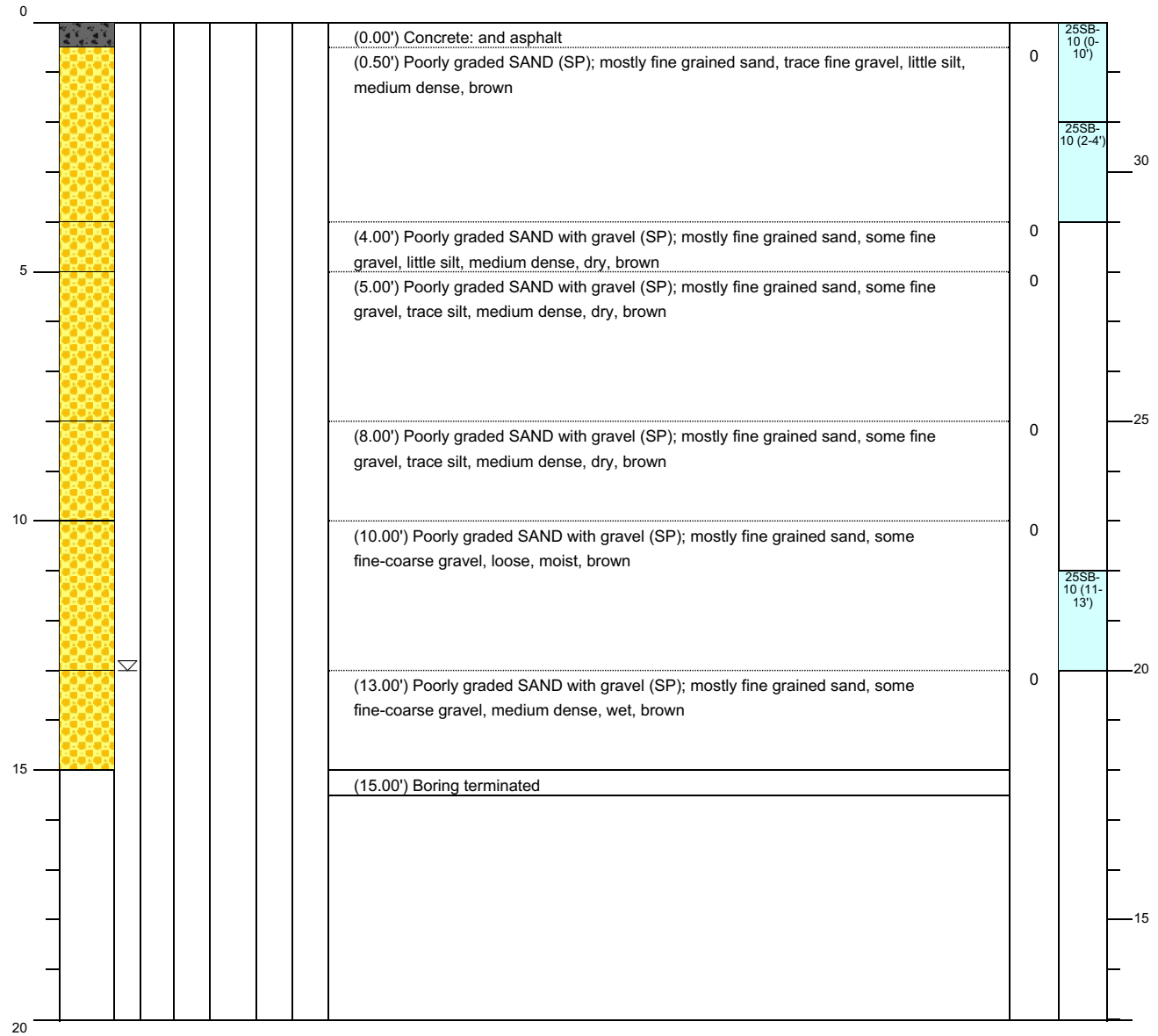
Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. **25SB-10**

Page: **1 of 1**

Drilling Start Date:	**5/2/2005**	Boring Depth (ft):	**15**
Drilling End Date:	**5/2/2005**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solution**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**33**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75261, -73.93122**



NOTES:

vEKtor consultants

Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. **25SB-11**

Page: **1 of 1**

Drilling Start Date:	**5/6/2025**	Boring Depth (ft):	**2**
Drilling End Date:	**5/6/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**1.5**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**18**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75270, -73.93095**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0								(0.00') Concrete	0	25SB-11 (0-1.5')	18
								(0.50') Poorly graded SAND with gravel (SP); some fine grained sand, some fine gravel, some silt, medium dense, moist, brown	0		
								(1.50') Poorly graded SAND with gravel (SP); some fine grained sand, some fine gravel, some silt, medium dense, wet, brown			
								(2.00') Boring terminated			
5											13
10											8
15											3
20											-2

NOTES:

vEKtor consultants

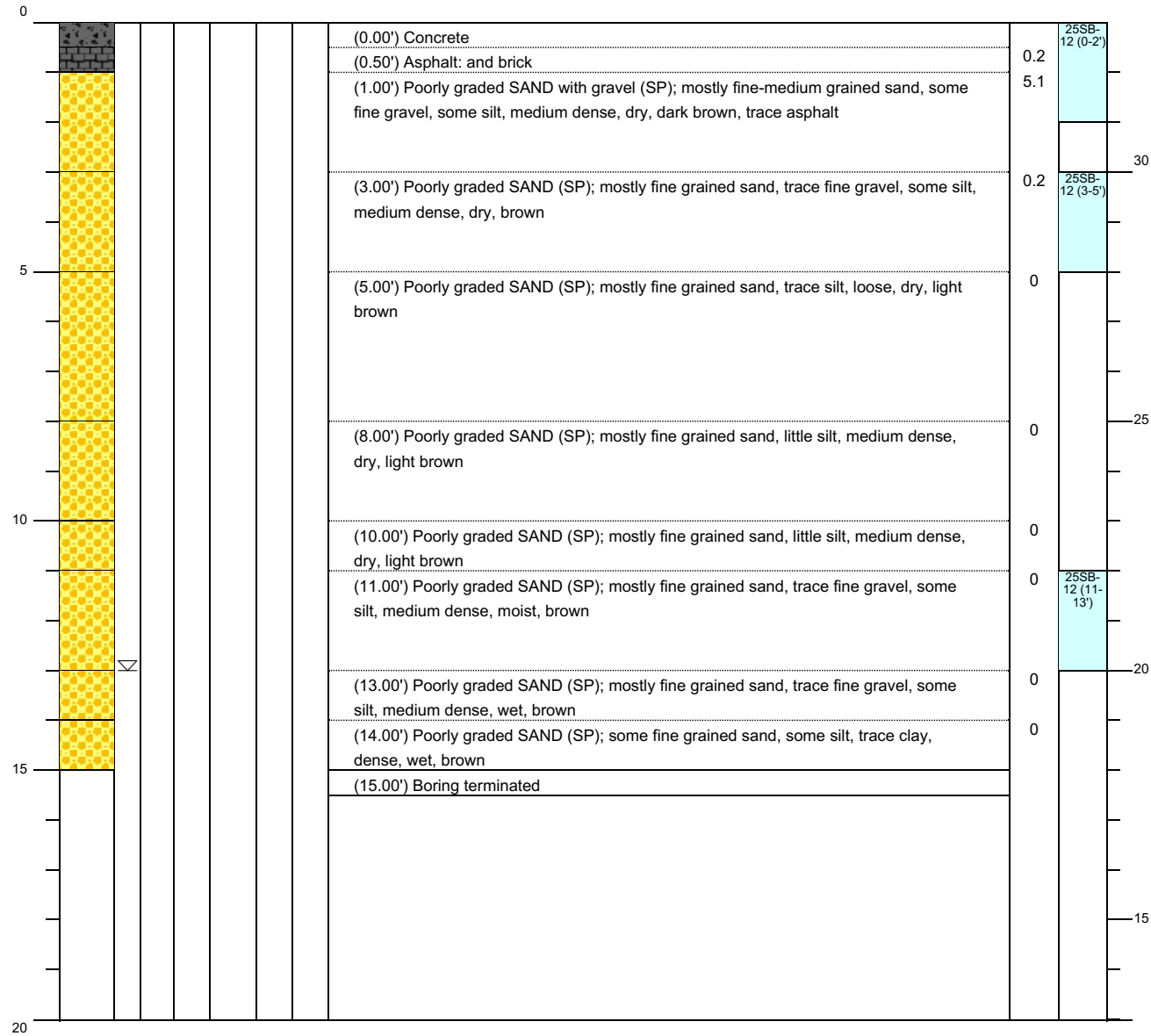
Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. **25SB-12**

Page: **1 of 1**

Drilling Start Date:	**5/5/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**5/5/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**33**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75268, -73.93123**



NOTES:

vEKtor consultants

Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. 25SB-13

Page: 1 of 1

Drilling Start Date:	**5/5/2025**	Boring Depth (ft):	**19.5**
Drilling End Date:	**5/5/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**15**
Drilling Equipment:	**6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**33**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75269, -73.93137**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0								(0.00') Concrete		25SB-13 (0-2')	30
								(0.50') Asphalt			
								(1.00') Poorly graded SAND with gravel (SP); mostly fine grained sand, little fine gravel, trace silt, loose, dry, brown, trace asphalt 0.5			
								(3.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, dry, brown	0	25SB-13 (3-5')	
								(4.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
5								(5.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
								(7.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, some silt, medium dense, dry, brown	0		25
								(9.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, medium dense, dry, brown	0		
10								(10.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, medium dense, dry, brown			
								(11.00') Poorly graded SAND (SP); some fine grained sand, trace fine-coarse gravel, some silt, medium dense, moist, brown	0	25SB-13 (13-15')	20
								(14.50') Poorly graded SAND (SP); some fine grained sand, trace fine-coarse gravel, some silt, medium dense, wet, brown	0		
15		▽						(15.00') Poorly graded SAND (SP); some fine grained sand, trace fine-coarse gravel, some silt, medium dense, wet, brown	0		
								(17.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, wet, brown	0		
								(18.00') Silty SAND with gravel (SM); mostly fine grained sand, some fine-coarse gravel, trace silt, poorly graded, loose, wet, brown, some rock	0		15
20								(19.50') Boring terminated due to cobble/rock in shoe, refusal			

NOTES:

vEKtor consultants

Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. **25SB-14**

Page: **1 of 1**

Drilling Start Date:	**5/6/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**5/6/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**Geoporbe 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**33**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75281, -73.93158**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0								(0.00') Concrete: and asphalt			
								(0.50') Poorly graded SAND with gravel (SP); mostly fine grained sand, some fine-coarse gravel, trace silt, loose, dry, brown, some rock, trace asphalt	0	25SB-14 (0-2')	
								(1.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		30
5								(4.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0	25SB-14 (4-6')	
								(5.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
								(7.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, dry, brown	0		25
10								(10.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, dry, brown	0	25SB-14 (10-12')	
		▽						(11.00') Poorly graded SAND (SP); some fine grained sand, some silt, trace clay, medium dense, slightly moist, brown	0		
								(12.00') Poorly graded SAND (SP); some fine grained sand, some silt, trace clay, medium dense, wet, brown	0		20
15								(14.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, wet, brown	0		
								(15.00') Boring terminated			15
20											

NOTES:

vEKtor consultants

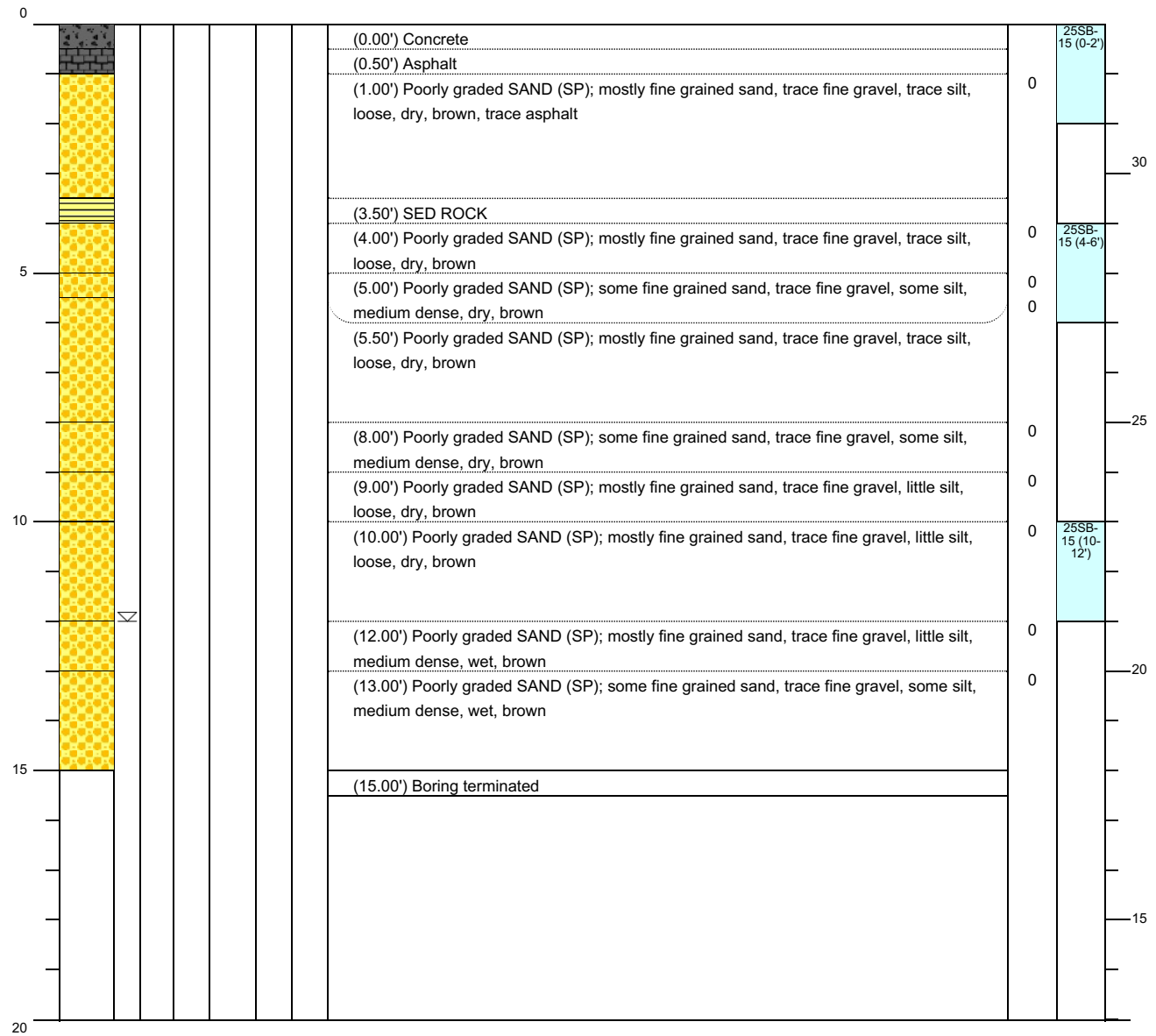
Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. 25SB-15

Page: 1 of 1

Drilling Start Date:	**5/6/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**5/6/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**12**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**33**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75292, -73.93149**



NOTES:

vEKtor consultants

Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. 25SB-16

Page: 1 of 1

Drilling Start Date:	**5/27/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**5/27/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**13**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**13**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**33**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75279, -73.93140**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0				DP			3.00	(0.00') Concrete		25SB-15 (0-2')	
								(0.50') Asphalt			
								(1.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown, trace asphalt	0	25SB-16 (2-4)	30
								(4.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
5				DP			3.00	(5.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, dry, brown	0		
								(5.50') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
								(8.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, dry, brown	0		25
								(9.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, dry, brown	0		
10				DP			3.50	(10.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, dry, brown	0	25SB-16 (11-13')	
		▽						(12.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, brown	0		20
								(13.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, wet, brown	0		
15								(15.00') Boring terminated			15
20											

NOTES:

vEKtor consultants

Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. 25SB-17

Page: 1 of 1

Drilling Start Date:	**5/27/25**	Boring Depth (ft):	**15**
Drilling End Date:	**5/27/25**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**14**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**14**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**33**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75287, -73.93144**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0				DP			3.00	(0.00') Concrete		25SB-17 (0-2)	
								(0.50') Asphalt			
								(1.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown, trace asphalt	0	25SB-17 (2-4)	30
								(4.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
5				DP			3.00	(5.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, dry, brown	0		
								(5.50') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
								(8.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, dry, brown	0		25
								(9.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, dry, brown	0		
10				DP			3.50	(10.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, dry, brown	0		
								(12.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, brown	0	25SB-17 (12-14)	
									0		20
								(14.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, wet, brown	0		
15								(15.00') Boring terminated			
											15
20											

NOTES:

vEKtor consultants

Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. 25SV-2N

Page: 1 of 1

Drilling Start Date:	**5/27/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**5/27/2025v**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**14**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**14**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**33**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75285, -73.93129**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0				DP			3.00	(0.00') Concrete			
								(0.50') Asphalt			
								(1.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown, trace asphalt	0		30
								(4.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
5				DP			3.00	(5.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, dry, brown	0		
								(5.50') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
								(8.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, dry, brown	0		25
								(9.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, dry, brown	0		
10				DP			3.50	(10.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, dry, brown	0	25SV-2-N (10-12)	
								(12.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, brown	0	25SV-2-N (12-14)	20
		▽							0		
								(14.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, wet, brown	0	25SV-2-N (14-15)	
15								(15.00') Boring terminated			15
20											

NOTES:

vEKtor consultants

Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. 25SV-2S

Page: 1 of 1

Drilling Start Date:	**5/27/2025**	Boring Depth (ft):	**15**
Drilling End Date:	**5/27/2025**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**14**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**14**
Driller:	**John Hudson**	Ground Surface Elev. (ft):	**33**
Logged By:	**David Klein**	Location (Lat, Long):	**40.75288, -73.93128**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0				DP			3.00	(0.00') Concrete		25SV-2-S (0-2)	
								(0.50') Asphalt			
								(1.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown, trace asphalt	0		
										25SV-2-S (2-4)	30
								(4.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
5				DP			3.00	(5.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, dry, brown	0		
								(5.50') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, trace silt, loose, dry, brown	0		
								(8.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, dry, brown	0		25
								(9.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, dry, brown	0		
10				DP			3.50	(10.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, loose, dry, brown	0	25SV-2-S (10-12)	
								(12.00') Poorly graded SAND (SP); mostly fine grained sand, trace fine gravel, little silt, brown	0	25SV-2-S (12-14)	
									0		20
								(14.00') Poorly graded SAND (SP); some fine grained sand, trace fine gravel, some silt, medium dense, wet, brown	0	25SV-2-S (14-15)	
15								(15.00') Boring terminated			
											15
20											

NOTES:

vEKtor consultants

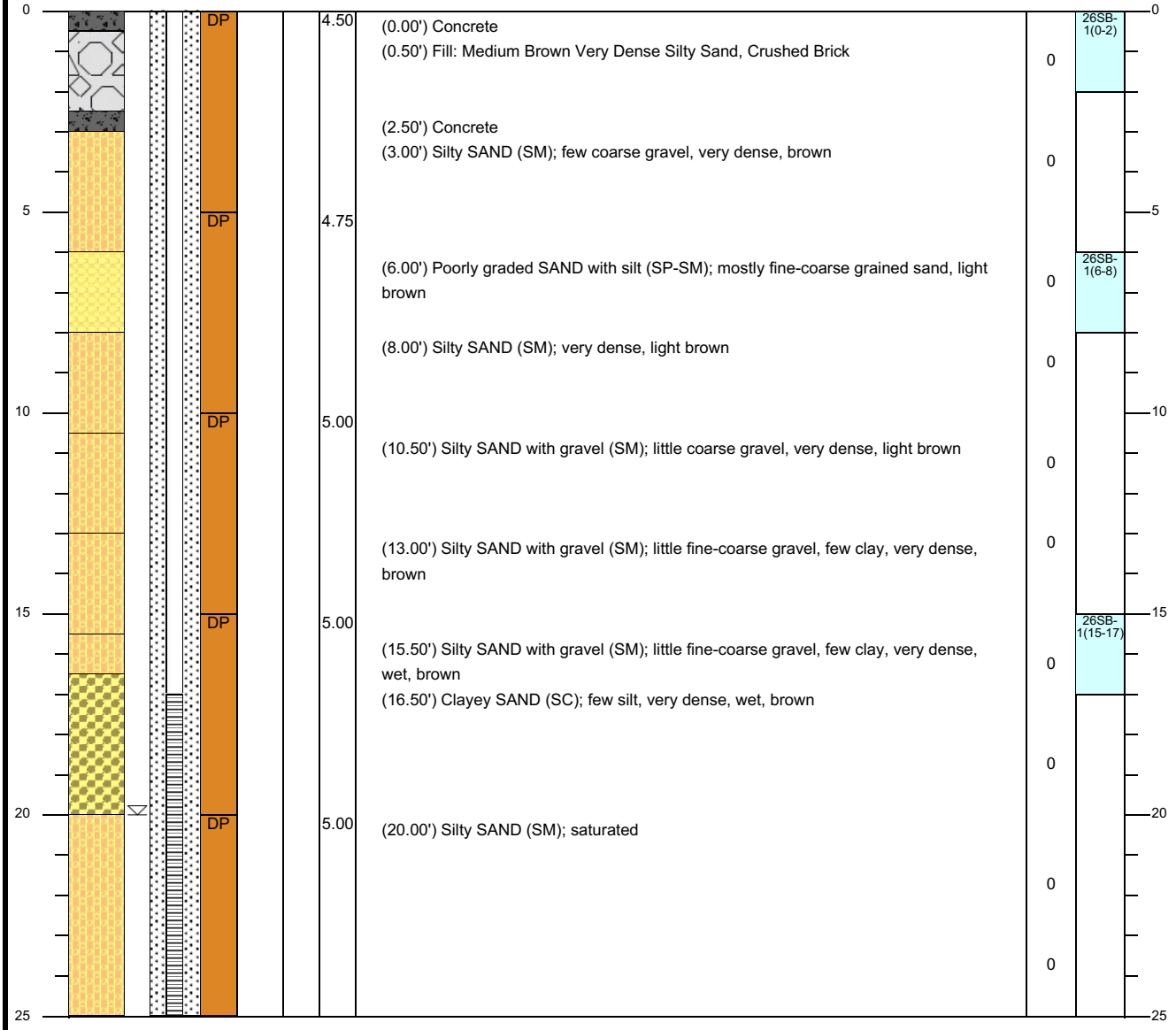
Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. 26SB-1

Page: 1 of 2

Drilling Start Date:	**2/4/2026**	Boring Depth (ft):	**27**	Well Depth (ft):	**27**
Drilling End Date:	**2/4/2026**	Boring Diameter (in):	**2.0**	Well Diameter (in):	**1**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**	Screen Slot (in):	**0.010**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**20**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**N/A**	Screen Material:	**Sch 40 PVC Slotted**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**	Seal Material(s):	**N/A**
Logged By:	**Jake Frishberg**	Location (Lat, Long):	**40.75312, -73.93099**	Filter Pack:	**Sand Pack**



NOTES: MW-1

vEKtor consultants

Client:	**Cavu Property Group**	**WELL LOG**	
Project:	**32-20 38th Avenue and 38-18 33rd Street**	**Well No.**	**(3210) SB-1**
Address:	**32-20 38th Avenue, Long Island City NY**	**Page:**	**2 of 2**

Drilling Start Date:	**2/4/2026**	Boring Depth (ft):	**27**	Well Depth (ft):	**27**
Drilling End Date:	**2/4/2026**	Boring Diameter (in):	**2.0**	Well Diameter (in):	**1**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**	Screen Slot (in):	**0.010**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**20**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Geoprobe 6011DT**	DTW After Drilling (ft):	**N/A**	Screen Material:	**Sch 40 PVC Slotted**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**	Seal Material(s):	**N/A**
Logged By:	**Jake Frishberg**	Location (Lat, Long):	**40.75312, -73.93099**	Filter Pack:	**Sand Pack**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
25								(24.5') As Above	0		25
								(27.00') Boring terminated			
30											30
35											35
40											40
45											45
50											50

NOTES: MW-1

vEKtor consultants

Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. 26SB-2

Page: 1 of 1

Drilling Start Date:	**2/4/26**	Boring Depth (ft):	**19**
Drilling End Date:	**2/4/26**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Geoprobe 420M**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Jake Frishberg**	Location (Lat, Long):	**40.75301, -73.93106**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				DP			1.95	(0.00') Concrete (0.50') Clayey SAND (SC); little silt, dense, brown	0	26SB-2(0-2)	0
				DP			2.10	(3.00') Well-graded SAND with gravel (SW); mostly fine-coarse grained sand, little fine-coarse gravel, brown (4.50') Clayey SAND (SC); dense, brown (5.00') Well-graded SAND with gravel (SW); little fine-coarse gravel, brown	0		
5				DP			2.85	(6.50') Silty SAND (SM); light brown	0	26SB-2(7-9)	5
				DP			3.00	(9.00') Well-graded SAND with gravel (SW); little fine-coarse gravel, well-graded, brown (9.50') Silty SAND (SM); light brown	0		
10								(11.50') Silty SAND (SM); little clay, dense, light brown	0		10
								(13.00') Silty SAND (SM); light brown	0		
				DP			3.00	(14.50') Well-graded SAND with gravel (SW); little fine-coarse gravel, well-graded, brown (15.50') Silty SAND (SM); light brown	0		
15								(17.50') Silty SAND (SM); little clay, dense, light brown	0	26SB-2(17-19)	15
								(19.00') Boring terminated			
20											20
25											25

NOTES:

vEKtor consultants

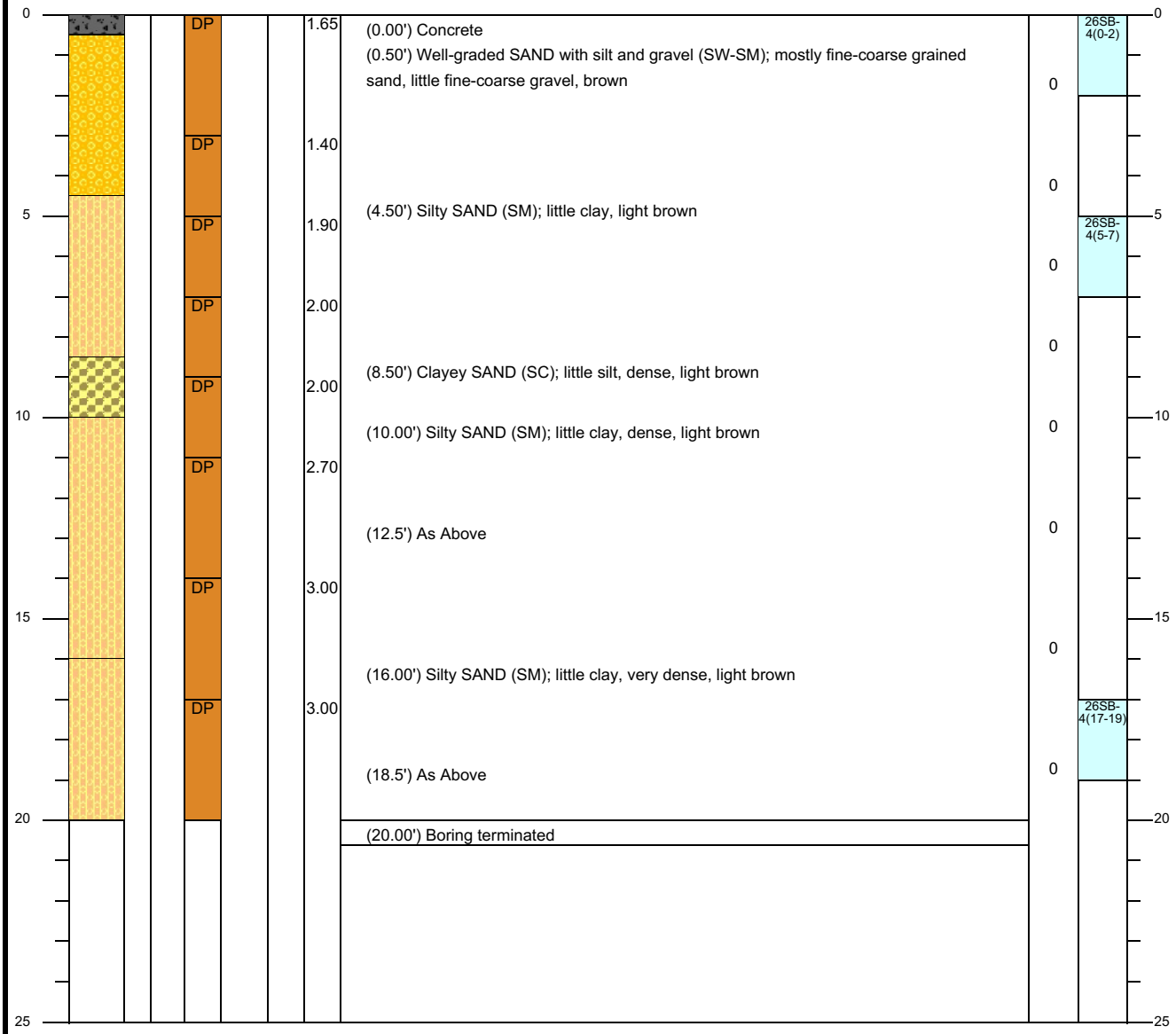
Client:	**Cavu Property Group**
Project:	**32-20 38th Avenue and 38-18 33rd Street**
Address:	**32-20 38th Avenue, Long Island City NY**

BORING LOG

Boring No. **26SB-4**

Page: **1 of 1**

Drilling Start Date:	**2/4/26**	Boring Depth (ft):	**20**
Drilling End Date:	**2/4/2026**	Boring Diameter (in):	**2.0**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Direct Push**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Geoprobe 420M**	DTW After Drilling (ft):	**N/A**
Driller:	**Brandon Sullivan**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Jake Frishberg**	Location (Lat, Long):	**40.75301, -73.93113**



NOTES:

vEKtor consultants

BORING AND WELL LOG LEGEND

SURFACE
- ASPHALT
- CONCRETE
- FILL
- TOPSOIL
- AIR
- ICE

USCS
- Well-graded GRAVEL (GW)
- Poorly graded GRAVEL (GP)
- Silty GRAVEL (GM)
- Clayey GRAVEL (GC)
- Silty, Clayey GRAVEL (GC-GM)
- Well-graded GRAVEL with silt (GW-GM)
- Poorly graded GRAVEL with silt (GP-GM)
- Well-graded GRAVEL with clay (GW-GC)
- Poorly graded GRAVEL with clay (GP-GC)
- Well-graded SAND (SW)
- Poorly graded SAND (SP)
- Silty SAND (SM)
- Clayey SAND (SC)
- Silty, Clayey SAND (SC-SM)
- Well-graded SAND with silt (SW-SM)
- Poorly graded SAND with silt (SP-SM)
- Well-graded SAND with clay (SW-SC)
- Poorly graded SAND with clay (SP-SC)
- SILT (ML)
- Lean CLAY (CL)
- Silty CLAY (CL-ML)
- Organic SOIL (OL)
- Elastic SILT (MH)
- Fat CLAY (CH)
- Organic SOIL (OH)
- Organic SOIL (OL/OH)
- PEAT (PT)
- BEDROCK
- WATER

Non-USCS
- Gravel
- Sand
- Silt
- Clayey silt
- Silt & clay
- Clay & silt
- Silty clay
- Clay
- Boulders
- Cobbles
- Peastone
- Glacial till
- Iron ore
- Wood
- Peat
- Saprolite
- Ash
- Waste
- Mud
- Alluvium
- Colluvium
- Residuum

Soil/Rock Contact Lines
- Inferred
- Abrupt
- Gradational

Volume Descriptors
- Trace = <5%
- Few = 5-10%
- Little = 15-25%
- Some = 30-45%
- Mostly = >=50%

Water Levels
- Water Level During Drilling
- Water Level at End of Drilling/in Completed Well

Well/Boring Completion
- Cap
- Riser
- Screen
- End Plug
- Annular Seal
- Sanitary Seal (Bentonite Slurry/Chips/Pellets/Powder, Other)
- Filter Pack (Sand, Gravel, Other)
- Backfill

Sample Type
- GR — Grab
- EN — Encore
- SS — Split Spoon
- SH — Shelby Tube
- CO — Core Barrel
- DP — Direct Push
- ID — Lab Sample and ID

Rock
- IGNEOUS Rock
- METAMORPHIC Rock
- SEDIMENTARY Rock
- Agglomerate
- Andesite
- Basalt
- Diorite
- Gabbro
- Granite
- Rhyolite
- Tuff
- Volcanic breccia
- Gneiss
- Granulite
- Hornfels
- Marble
- Phyllite
- Quartzite
- Schist
- Serpentinite
- Skarn
- Slate
- Amphibolite
- Breccia
- Chalk
- Chert
- Claystone
- Coal
- Conglomerate
- Diatomite
- Dolomite
- Evaporite
- Graywacke
- Limestone
- Mudstone
- Sandstone
- Shale
- Siltstone

APPENDIX D

MONITORING WELL CONSTRUCTION LOGS

vEKtor consultants

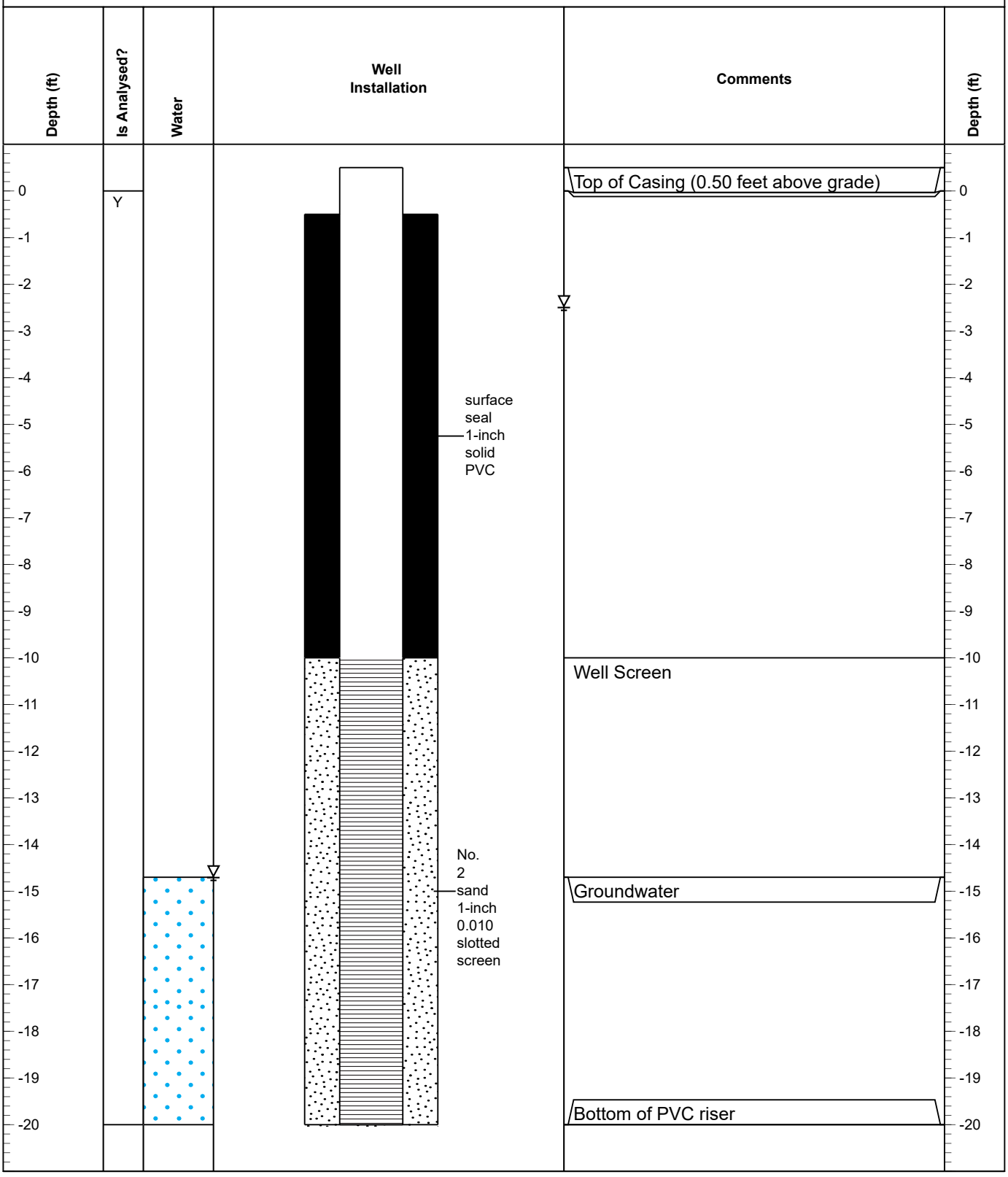
MONITORING WELL MW-1

PROJECT NAME 38-18 33rd Street and 32-20 38
ADDRESS 38-18 33rd Street and 32-20 38th Aver
Queens, New York
DRILLING DATE 8/7/24
DIAMETER 1-Inch

DRILLING COMPANY Coastal Environmental
DRILLER Nick Turro
DRILL RIG Geoprobe 7822DT
TOTAL DEPTH 20 feet bgs
BGS Below Grade Surface

LOGGED BY Antonio Cardenas
WELL TOC 0.50 feet above grade
DEPTH TO WATER 14.7 feet bgs
SCREENED DEPTH 10-20 feet bgs

Well ID: MW-1



Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

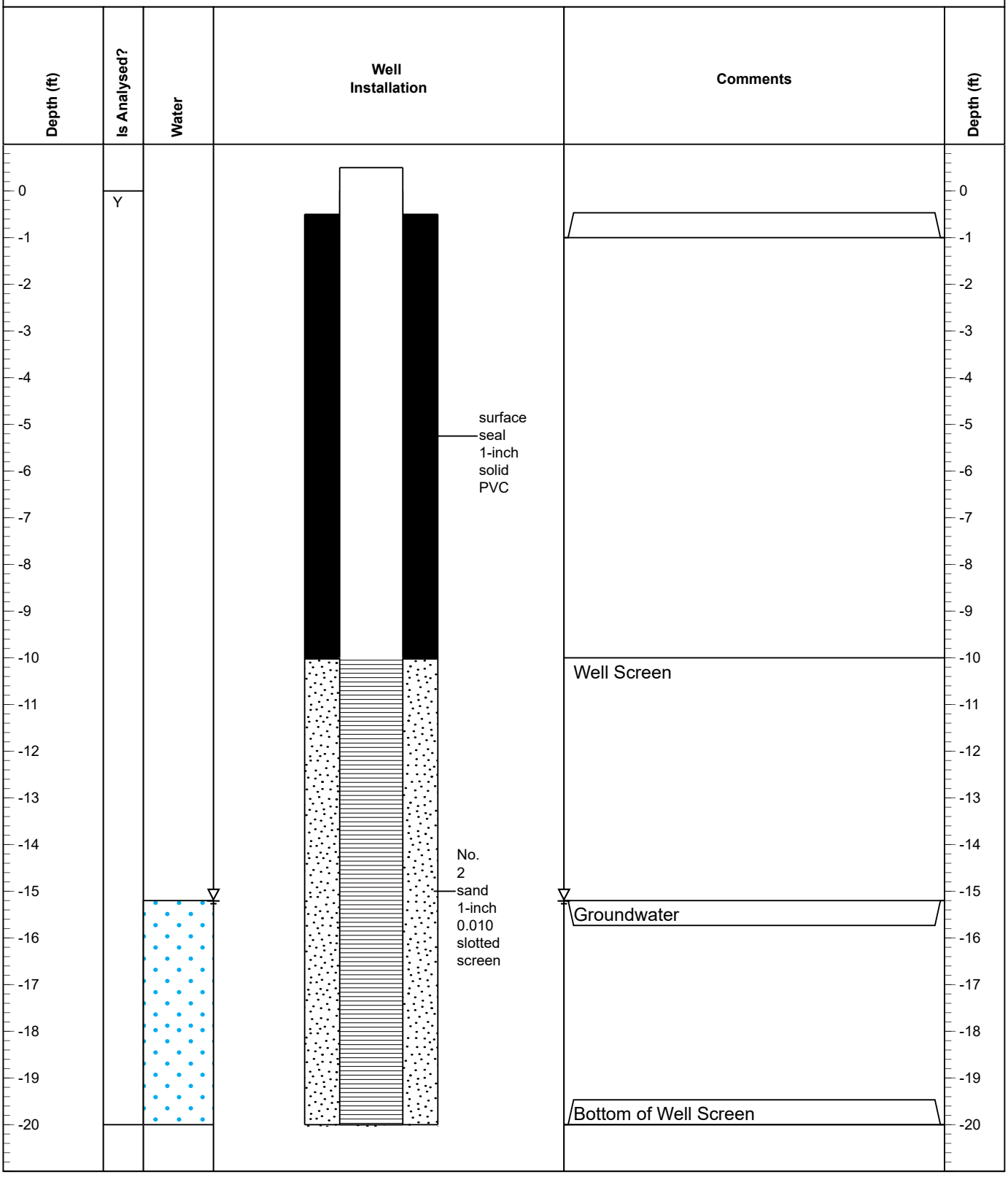
MONITORING WELL MW-2

PROJECT NAME 38-18 33rd Street and 32-20 38
ADDRESS 38-18 33rd Street and 32-20 38th Aver
Queens, New York
DRILLING DATE 8/7/24
DIAMETER 1-Inch

DRILLING COMPANY Coastal Environmental
DRILLER Nick Turro
DRILL RIG Geoprobe 7822DT
TOTAL DEPTH 20 feet bgs
BGS Below Grade Surface

LOGGED BY Antonio Cardenas
WELL TOC 0.50 feet above grade
DEPTH TO WATER 13.8 feet bgs
SCREENED DEPTH 10-20 feet bgs

Well ID: MW-2



Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

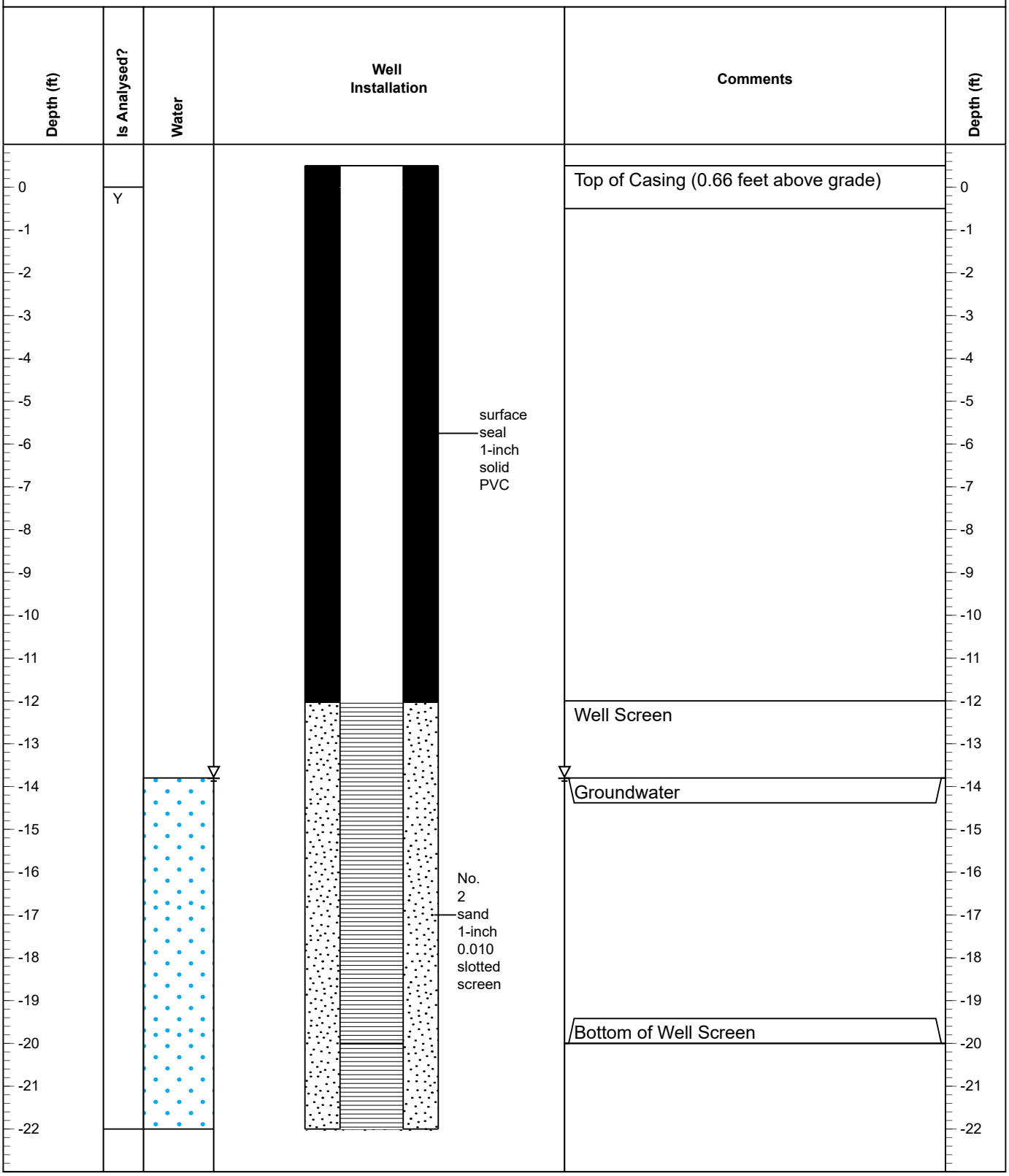
MONITORING WELL MW-3

PROJECT NAME 38-18 33rd Street and 32-20 38
ADDRESS 38-18 33rd Street and 32-20 38th Aver
Queens, New York
DRILLING DATE 8/7/24
DIAMETER 1-Inch

DRILLING COMPANY Coastal Environmental
DRILLER Nick Turro
DRILL RIG Geoprobe 7822DT
TOTAL DEPTH 22 feet bgs
BGS Below Grade Surface

LOGGED BY Antonio Cardenas
WELL TOC 0.50 feet above grade
DEPTH TO WATER 13.8 feet bgs
SCREENED DEPTH 12-22 feet bgs

Well ID: MW-3



Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

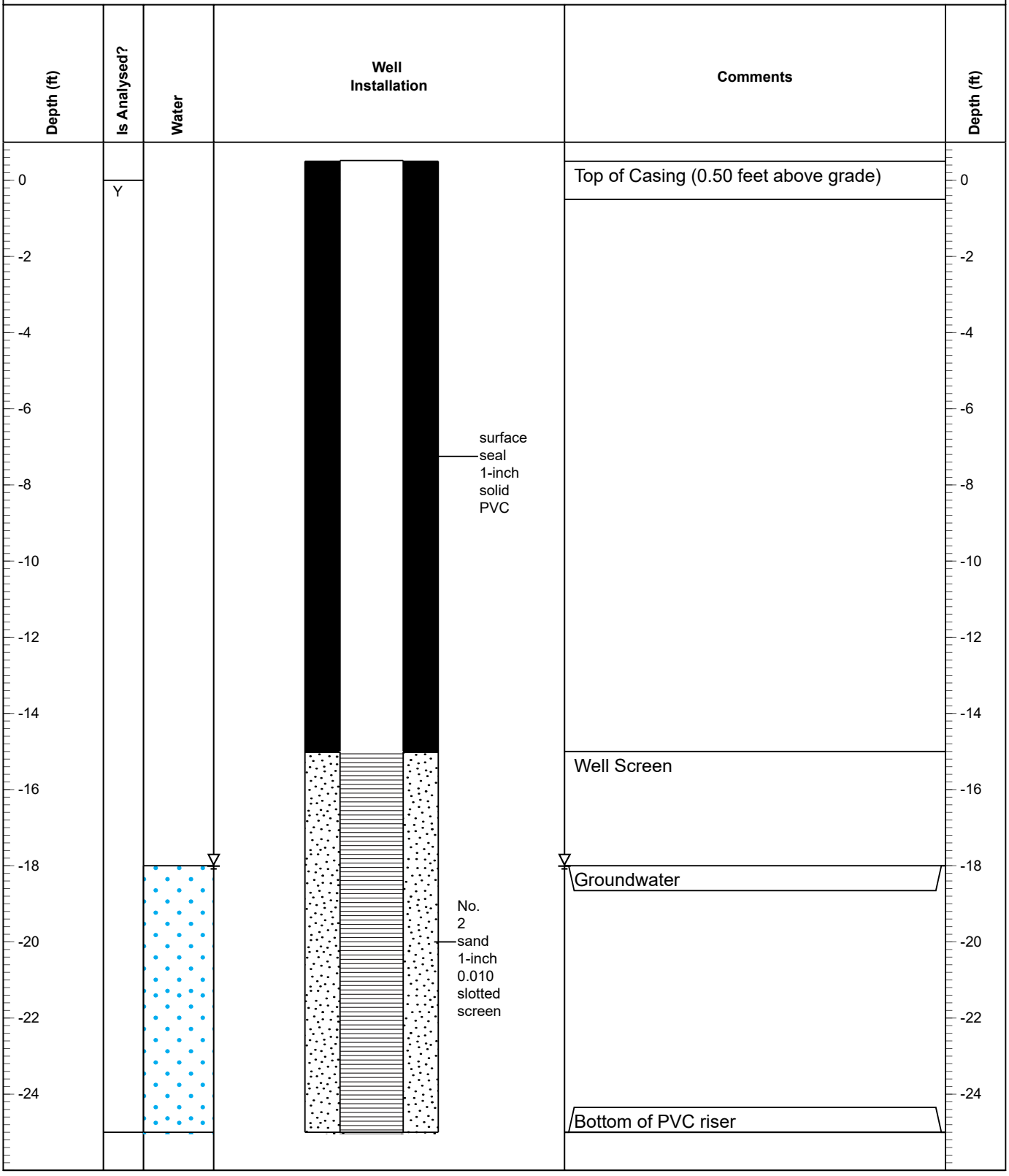
MONITORING WELL GW-1

PROJECT NAME 38-18 33rd Street and 32-20 38
ADDRESS 38-18 33rd Street and 32-20 38th Aver
Queens, New York
DRILLING DATE 7/18/24
DIAMETER 1-Inch

DRILLING COMPANY Coastal Environmental
DRILLER John
DRILL RIG Geoprobe 7822DT
TOTAL DEPTH 25 feet bgs
BGS Below Grade Surface

LOGGED BY Antonio Cardenas
WELL TOC 0.50 feet above grade
DEPTH TO WATER 18 feet bgs
SCREENED DEPTH 15-25 feet bgs

Well ID: GW-1



Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

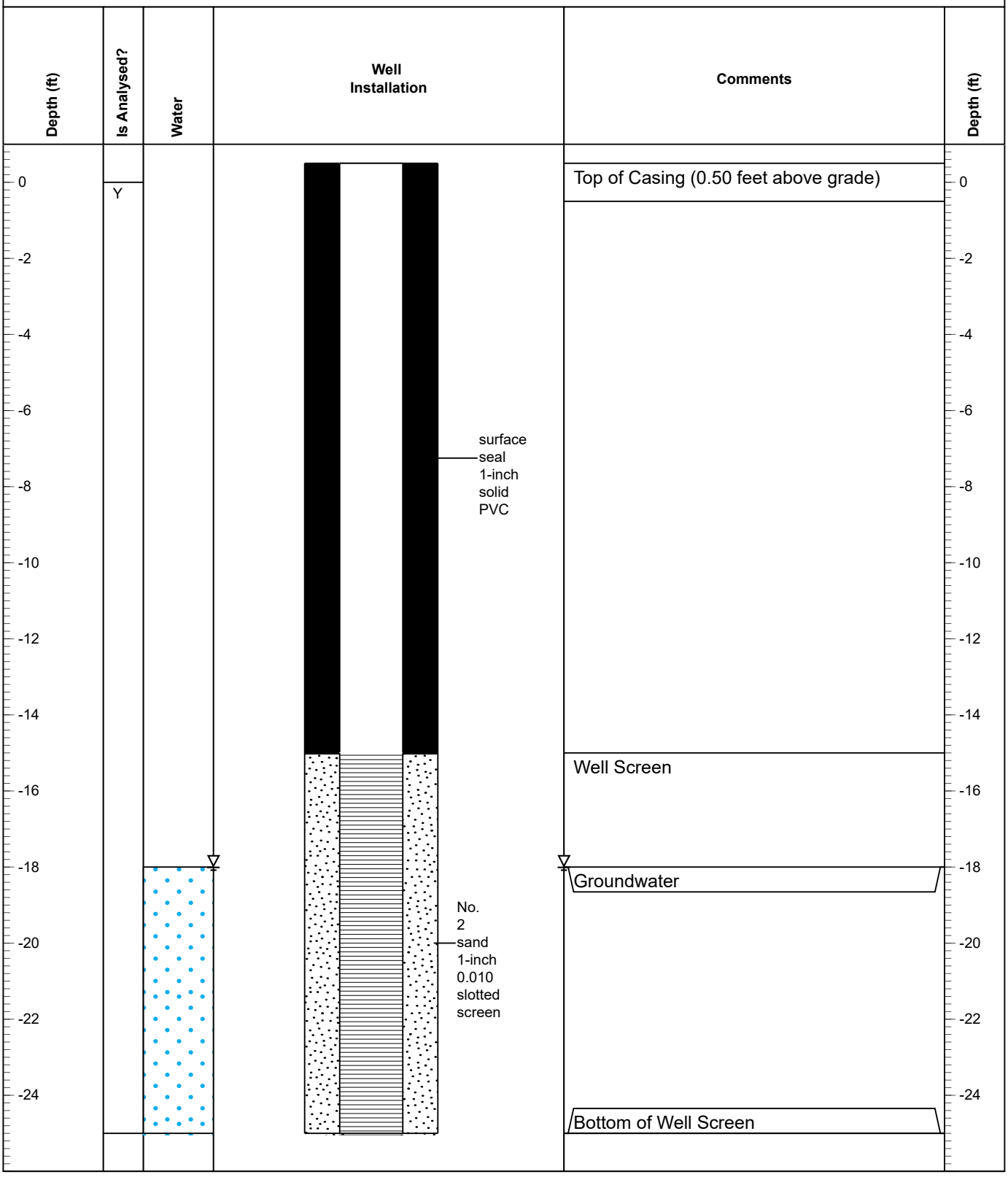
MONITORING WELL GW-2

PROJECT NAME 38-18 33rd Street and 32-20 38
ADDRESS 38-18 33rd Street and 32-20 38th Aver
Queens, New York
DRILLING DATE 8/7/2024
DIAMETER 1-Inch

DRILLING COMPANY Coastal Environmental
DRILLER John
DRILL RIG Geoprobe 7822DT
TOTAL DEPTH 25 feet bgs
BGS Below Grade Surface

LOGGED BY Antonio Cardenas
WELL TOC 0.50 feet above grade
DEPTH TO WATER 18 feet bgs
SCREENED DEPTH 15-25 feet bgs

Well ID: GW-2



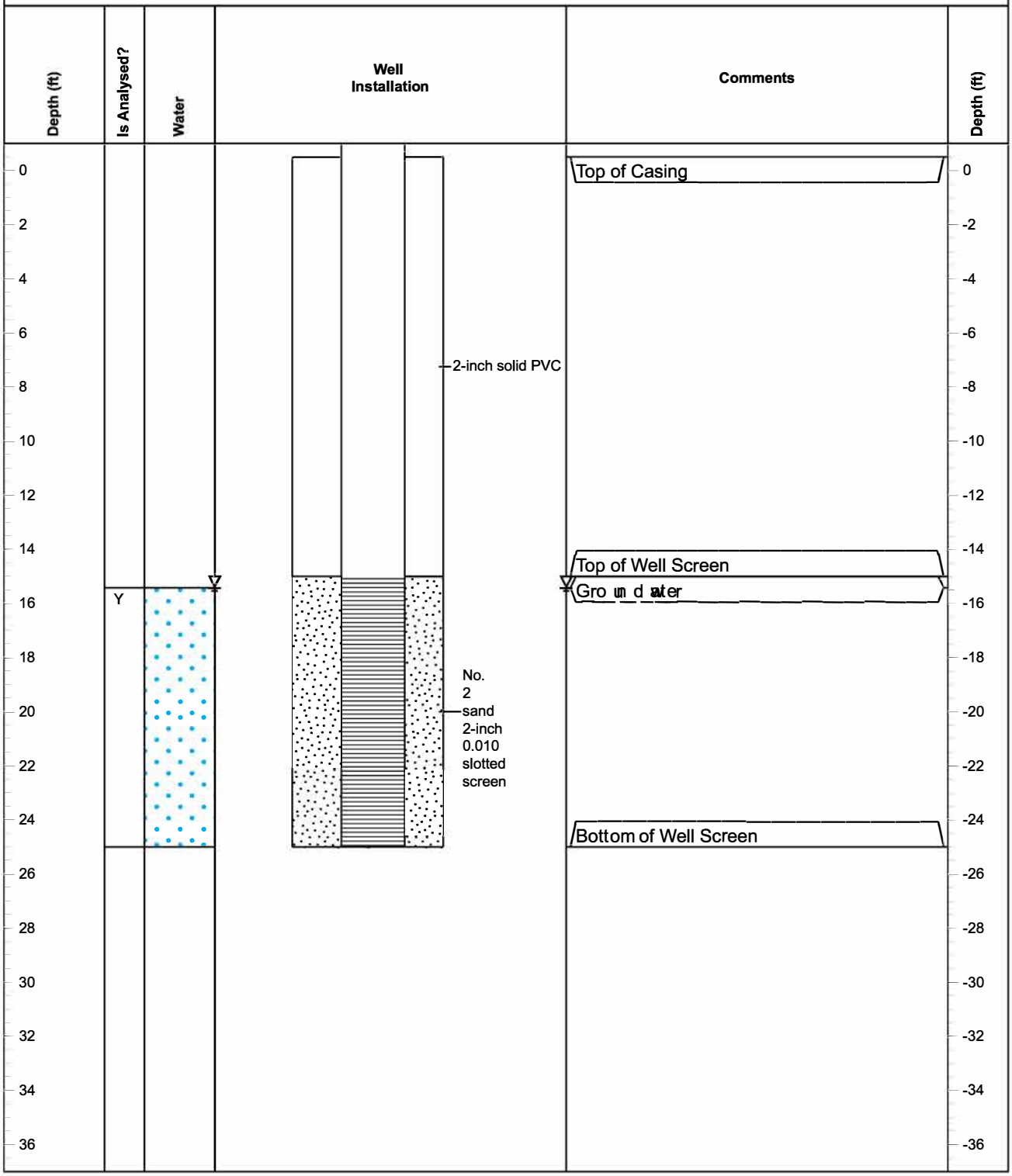
Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

MONITORING WELL MW-1I

PROJECT NAME Former Refron Inc. Gas Reclam	**DRILLING COMPANY** Coastal Environmental	**LOGGED BY** David Klein
BCP NUMBER C241285	**DRILL RIG** Geoprobe 6011DT	**WELL TOC** 30.99 feet (NAVD 88)
ADDRESS 32-20 38th Avenue, Queens NY	**TOTAL DEPTH** 25 feet bgs	**DEPTH TO WATER** 15.42 feet below TOC
DRILLING DATE5/27/2025	**BGS** Below Grade Surface	**WATER ELEVATION** 15.57 feet (NAVD 88)
DIAMETER 2 inch	**NAVD 88** North American Vertical Datum 1988	**SCREENED DEPTH** 15-25 feet bgs
	Bedrock NA	**TOC** Top of Casing

Well ID: MW-1X



Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

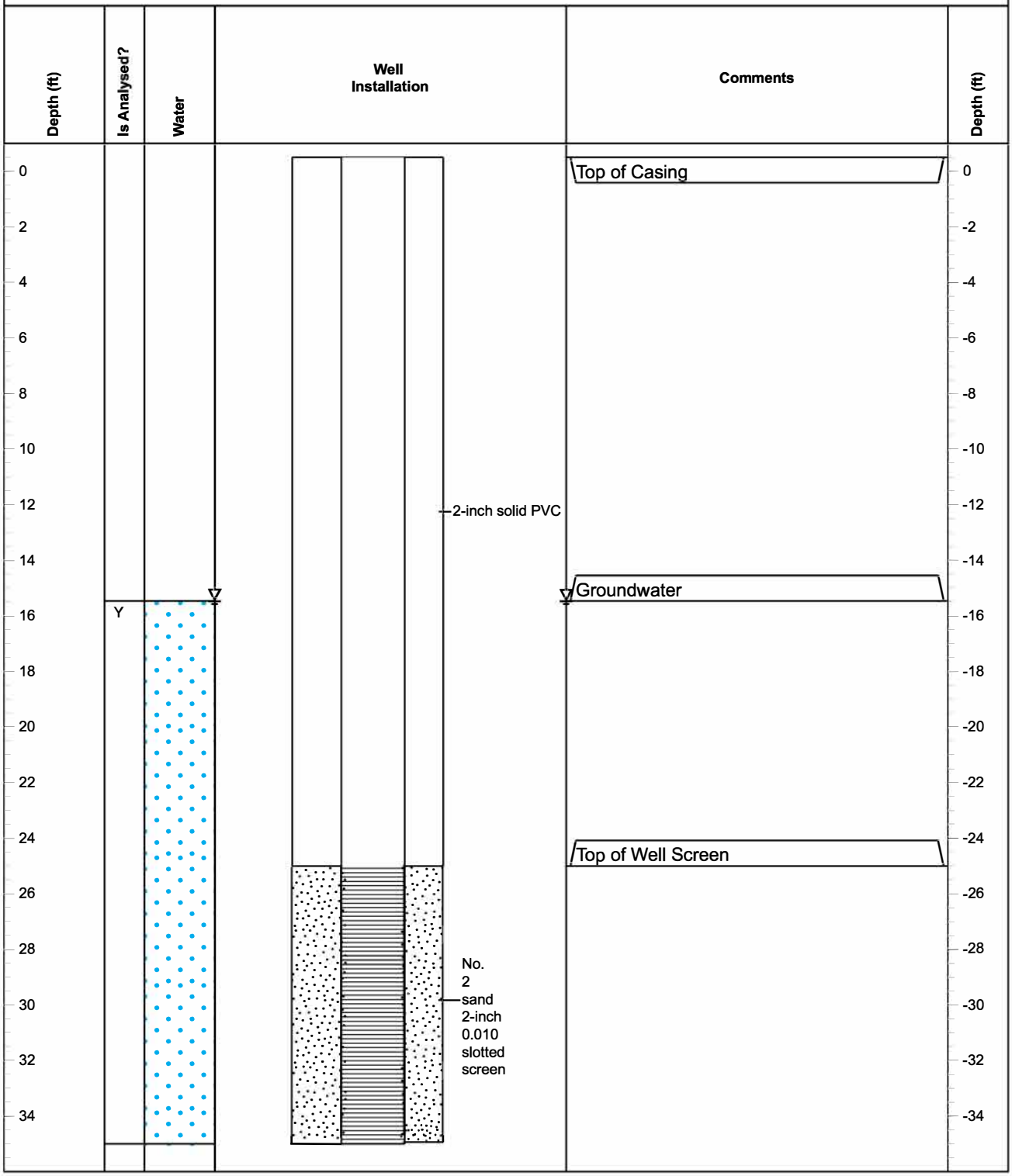
MONITORING WELL MW-1D

PROJECT NAME Former Refron Inc. Gas Reclam
BCP NUMBER C241285
ADDRESS 32-20 38th Avenue, Queens NY
DRILLING DATE5/27/2025
DIAMETER 2 inch

DRILLING COMPANY Coastal Environmental
DRILL RIG Geoprobe 6011DT
TOTAL DEPTH 15 feet bgs
BGS Below Grade Surface
NAVD 88 North American Vertical Datum 1988
Bedrock NA

LOGGED BY David Klein
WELL TOC 30.95 feet (NAVD 88)
DEPTH TO WATER 15.46 feet below TOC
WATER ELEVATION 15.49 feet (NAVD 88)
SCREENED DEPTH 25-35 feet bgs
TOC Top of Casing

Well ID: MW-1X



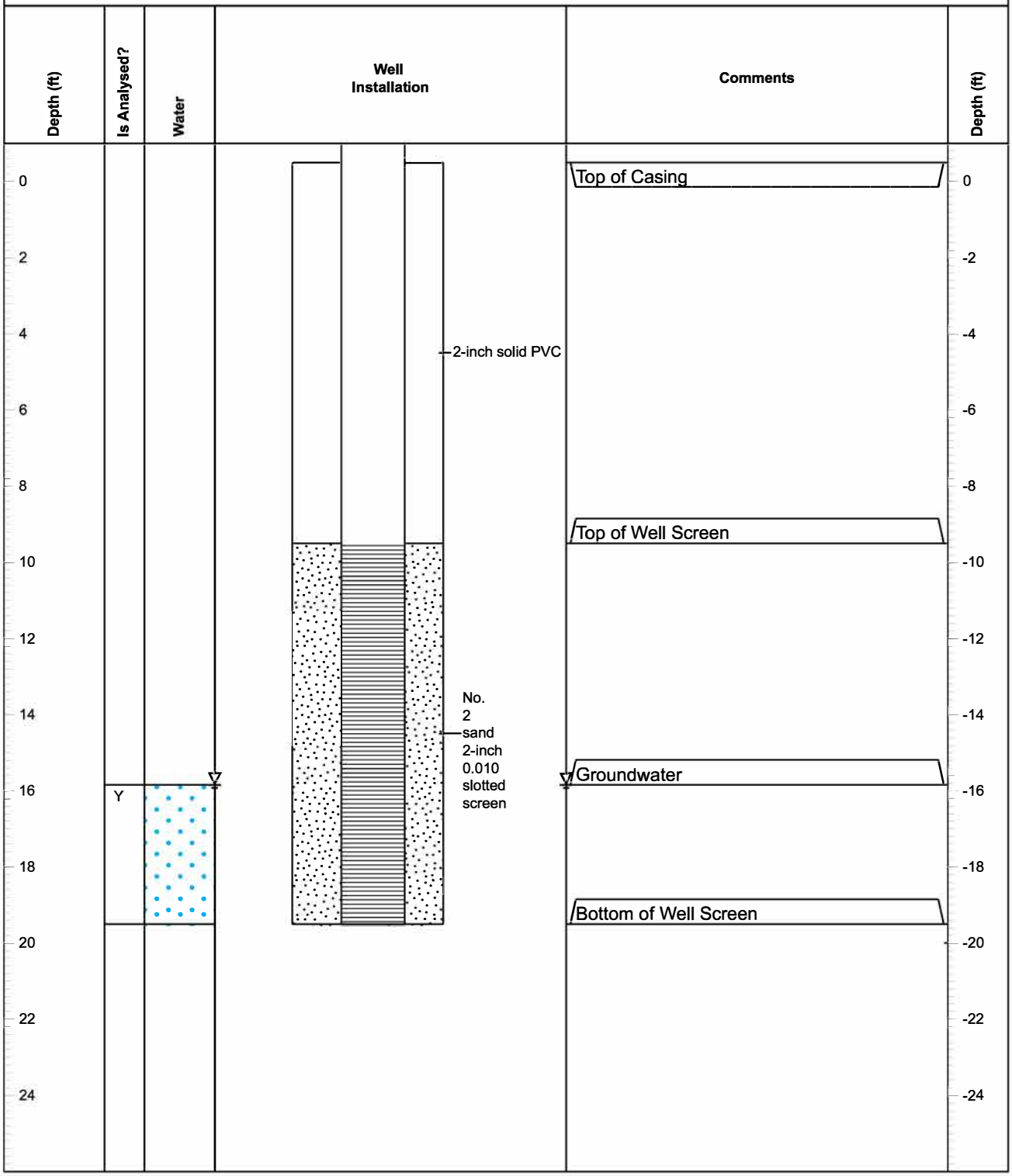
Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

MONITORING WELL MW-4

PROJECT NAME Former Refron Inc. Gas Reclam	**DRILLING COMPANY** Coastal Environmental	**LOGGED BY** David Klein
BCP NUMBER C241285	**DRILL RIG** Geoprobe 6011DT	**WELL TOC** 31.12 feet (NAVD 88)
ADDRESS 32-20 38th Avenue, Queens NY	**TOTAL DEPTH** 19.5 feet bgs	**DEPTH TO WATER** 15.84 feet below TOC
DRILLING DATE5/5/2025	**BGS** Below Grade Surface	**WATER ELEVATION** 15.28 feet (NAVD 88)
DIAMETER 2 inch	**NAVD 88** North American Vertical Datum 1988	**SCREENED DEPTH** 9.5-19.5 feet bgs
	Bedrock NA	**TOC** Top of Casing

Well ID: MW-1X



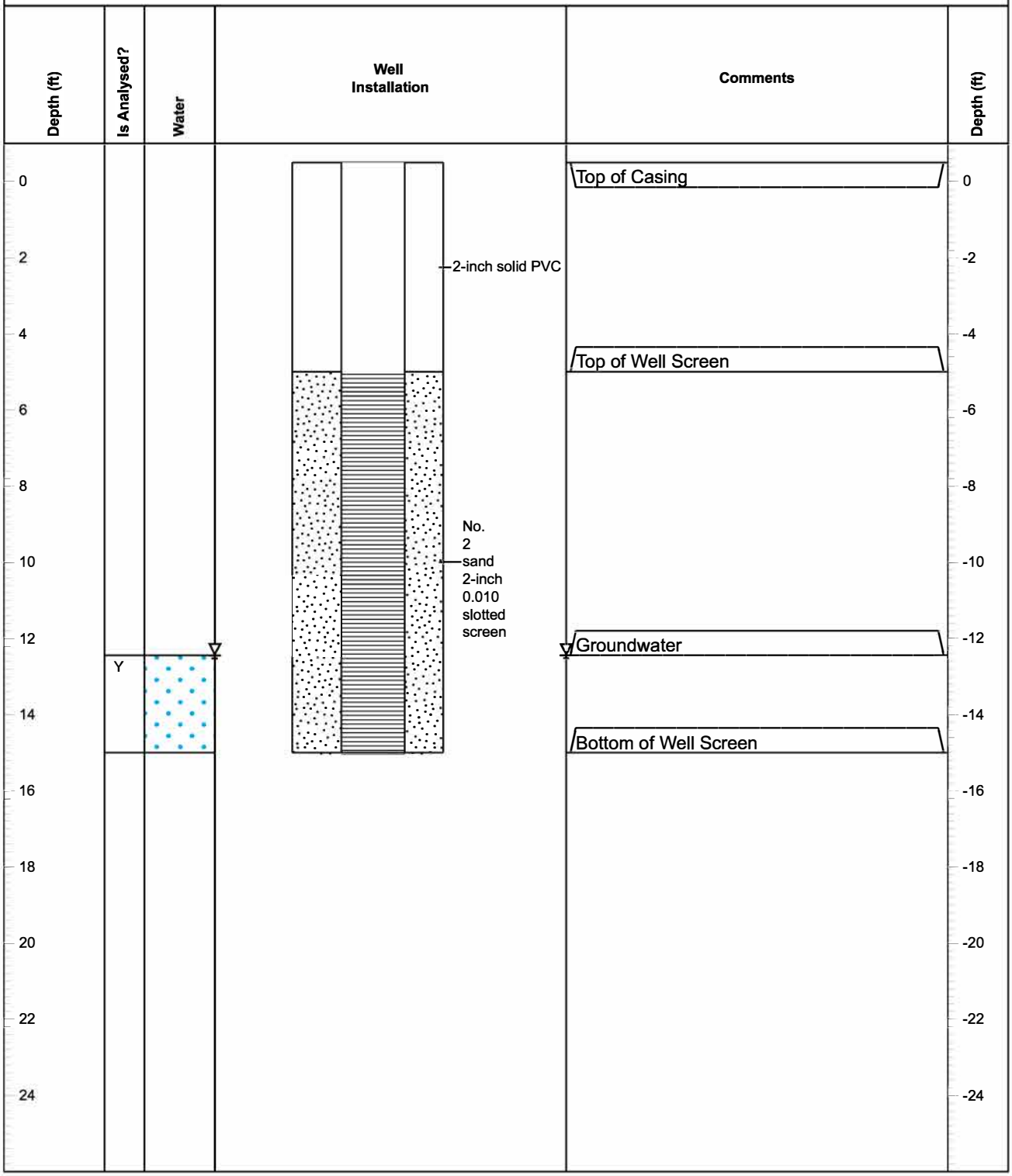
Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

MONITORING WELL MW-5

PROJECT NAME Former Refron Inc. Gas Reclam	**DRILLING COMPANY** Coastal Environmental	**LOGGED BY** David Klein
BCP NUMBER C241285	**DRILL RIG** Geoprobe 6011DT	**WELL TOC** 27.12 feet (NAVD 88)
ADDRESS 32-20 38th Avenue, Queens NY	**TOTAL DEPTH** 15 feet bgs	**DEPTH TO WATER** 12.44 feet below TOC
DRILLING DATE5/6/2025	**BGS** Below Grade Surface	**WATER ELEVATION** 14.68 feet (NAVD 88)
DIAMETER 2 inch	**NAVD 88** North American Vertical Datum 1988	**SCREENED DEPTH** 5-15 feet bgs
	Bedrock NA	**TOC** Top of Casing

Well ID: MW-1X



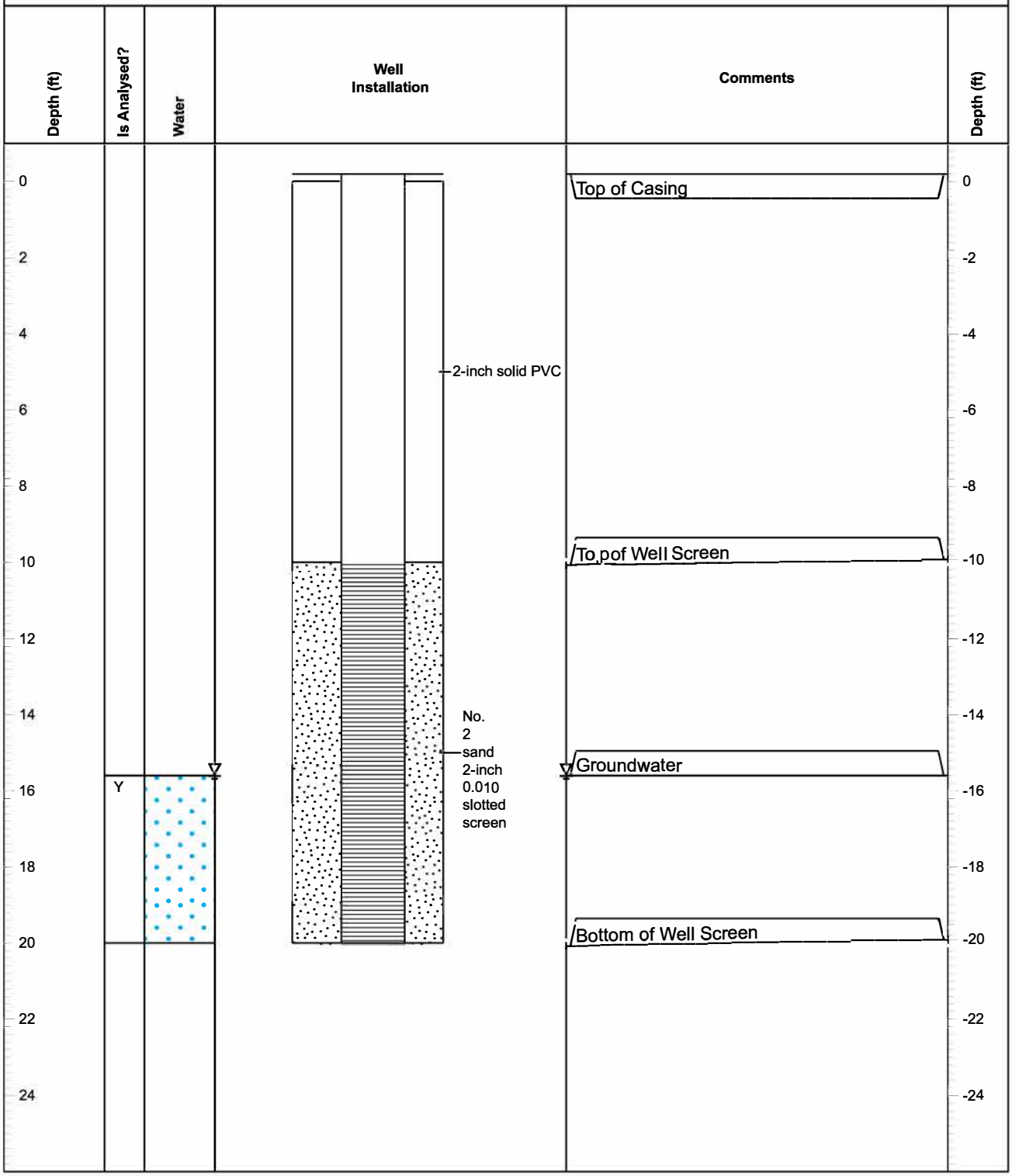
Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

MONITORING WELL MW-6

PROJECT NAME Former Refron Inc. Gas Reclam	**DRILLING COMPANY** Coastal Environmental	**LOGGED BY** David Klein
BCP NUMBER C241285	**DRILL RIG** Geoprobe 6011DT	**WELL TOC** 32.96 feet (NAVD 88)
ADDRESS 32-20 38th Avenue, Queens NY	**TOTAL DEPTH** 20 feet bgs	**DEPTH TO WATER** 15.6 feet below TOC
DRILLING DATE5/2/2025	**BGS** Below Grade Surface	**WATER ELEVATION** 17.36 feet (NAVD 88)
DIAMETER 2 inch	**NAVD 88** North American Vertical Datum 1988	**SCREENED DEPTH** 10-20 feet bgs
	Bedrock NA	**TOC** Top of Casing

Well ID: MW-1X



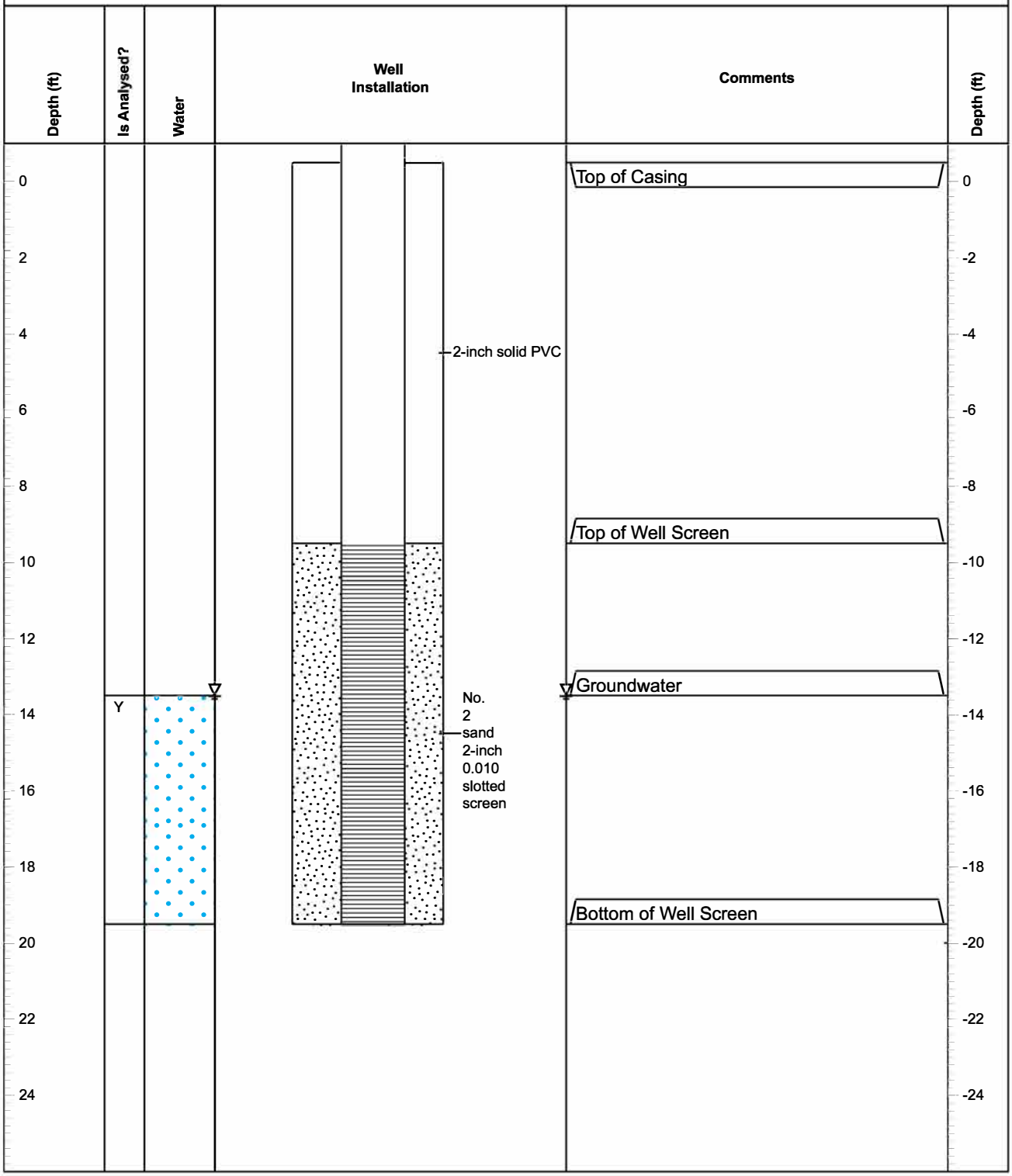
Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

MONITORING WELL MW-7

PROJECT NAME Former Refron Inc. Gas Reclam	**DRILLING COMPANY** Coastal Environmental	**LOGGED BY** David Klein
BCP NUMBER C241285	**DRILL RIG** Geoprobe 6011DT	**WELL TOC** 31.14 feet (NAVD 88)
ADDRESS 32-20 38th Avenue, Queens NY	**TOTAL DEPTH** 19.5 feet bgs	**DEPTH TO WATER** 16.06 feet below TOC
DRILLING DATE5/5/2025	**BGS** Below Grade Surface	**WATER ELEVATION** 15.08 feet (NAVD 88)
DIAMETER 2 inch	**NAVD 88** North American Vertical Datum 1988	**SCREENED DEPTH** 9.5-19.5 feet bgs
	Bedrock NA	**TOC** Top of Casing

Well ID: MW-1X



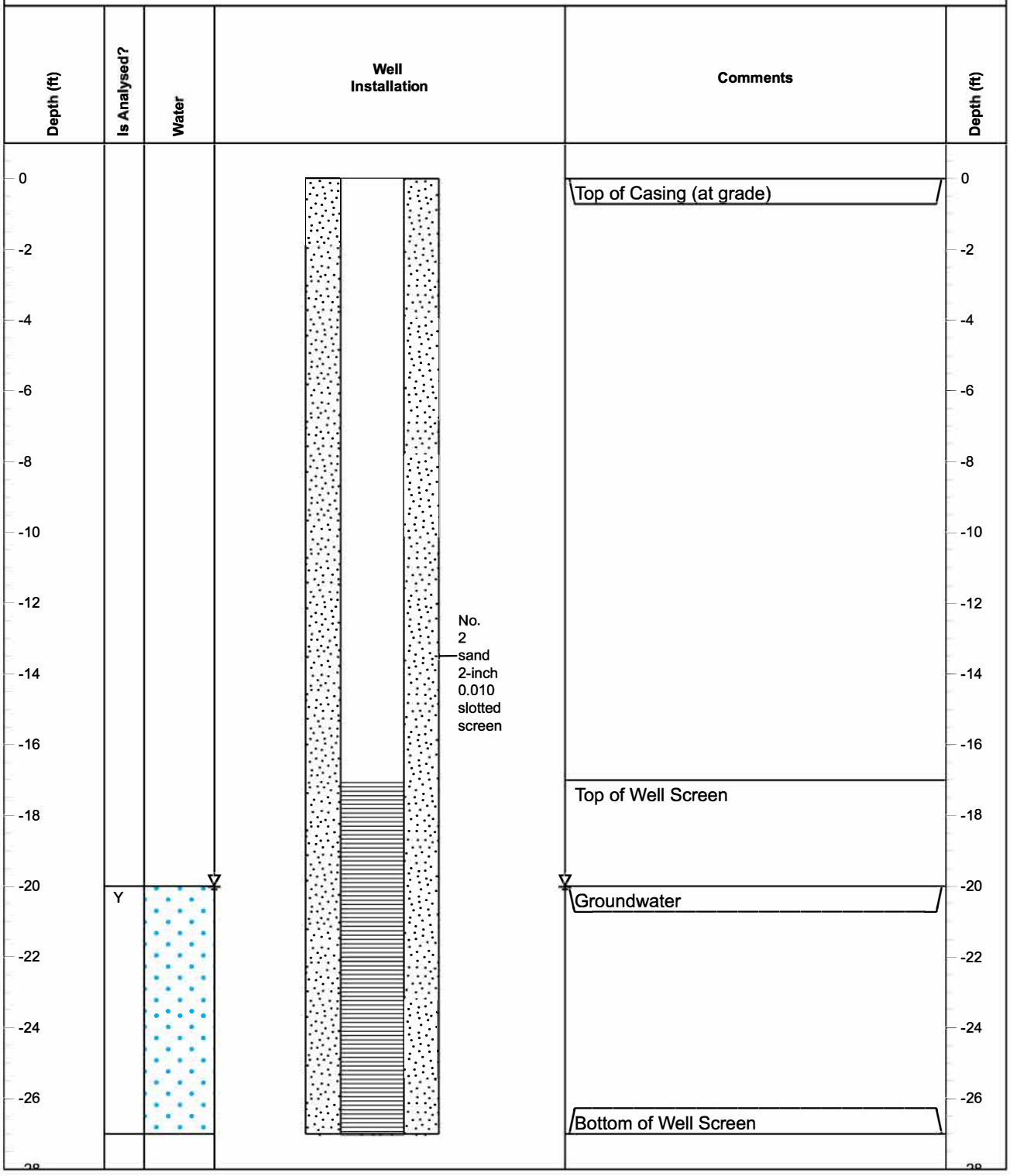
Disclaimer This bore log is intended for environmental not geotechnical purposes.

vEKtor consultants

MONITORING WELL 26MW-1

PROJECT NAME 32-10 38th Avenue	**DRILLING COMPANY** Coastal Environmental	**LOGGED BY** Jake Frishberg
ADDRESS 32-10 38th Avenue, Queens NY	**DRILL RIG** Geoprobe 6011DT	**WELL TOC** 35.03 feet (NAVD 88)
DRILLING DATE 2/4/2026	**TOTAL DEPTH** 27 feet bgs	**DEPTH TO WATER** 20 feet bgs
DIAMETER 1 inch	**BGS** Below Grade Surface	**WATER ELEVATION** 15.03 feet (NAVD 88)
	NAVD 88 North American Vertical Datum 1988	**SCREENED DEPTH** 17-27 feet bgs
	Bedrock NA	

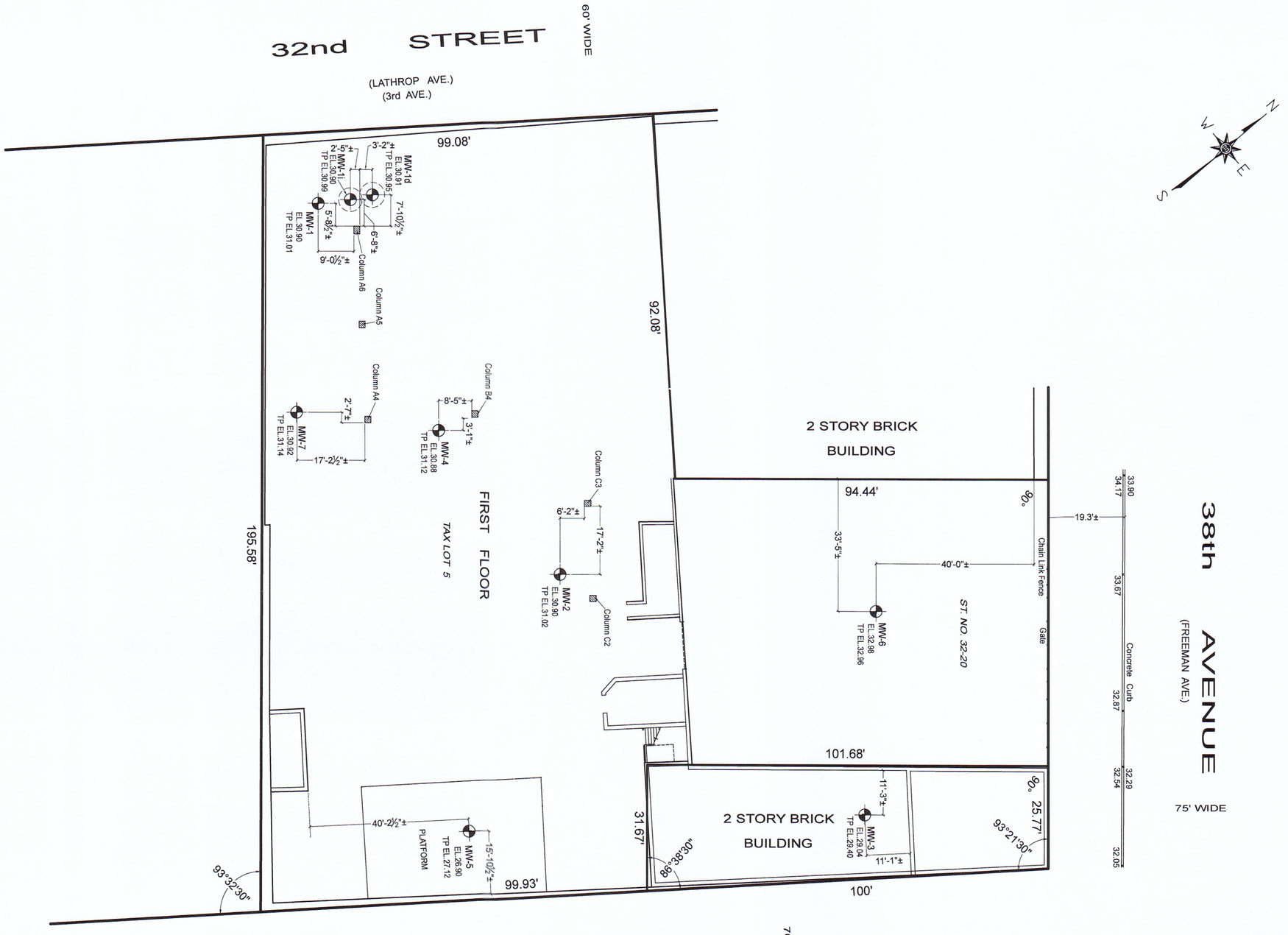
Well ID: 26MW-1



Disclaimer This bore log is intended for environmental not geotechnical purposes.

APPENDIX E

LOW FLOW SAMPLING LOGS & WELL SURVEY



ESTABLISHED 1876 * SUCCESSOR TO:

B.G. MEINIKHEIM C.S.*C.U. POWELL C.E.,C.S.*L.C.L. SMITH C.S.*NATHAN CAMPBELL C.E.,C.S.*A.U. WHITSON C.E.,C.S.* WILLIAM L. SAVACOOL C.E.,L.S.,C.S.*A.U. WHITSON INC. C.E.,C.S.*G. WEBER L.S.,C.S.*C. STIDOLPH R.A.,L.S.*WHITSON & POWELL INC. P.E.,L.S.,C.S.*KELLER & POWELL P.E.,L.S.,C.S.*LOUIS MONTROSE C.E.,L.S.,C.S.*FRED J. POWELL P.E.,L.S.,C.S.*

SURVEY NO. 68062

68062001.DWG
68062001.CRD

REV	DATE	DESCRIPTION	ck
—	05/15/25	MONITORING WELL LOCATION SURVEY	
A	06/09/25	ADDITIONAL MONITORING WELL ADDED	
B	---	TOP OF PIPE ELEVATION MW-3 REVISED	

LEGEND

GR.EL..... GROUND ELEVATION

TP .....TOP OF PIPE ELEVATION

EL .....TOP OF MONITORING WELL ELEVATION

... MONITORING WELL

MW-2
EL.30.90
TP EL.31.02

... ADDITIONAL MONITORING WELL SET ON 06-09-2025

GENERAL NOTES

1. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.625 FEET BELOW THE QUEENS TOPOGRAPHICAL BUREAU DATUM.
2. THIS SURVEY IS NOT A TITLE SURVEY AND IS NOT TO BE USED FOR TITLE PURPOSES. ALL PHYSICAL FACTS ARE NOT SHOWN.

CITY OF NEW YORK — COUNTY: QUEENS

TAX BLOCK: 381 — TAX LOT: 5

STANDARD: — SCALE: 1" = 20'

© ALL RIGHTS RESERVED 2025

DRAWN: M.S.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW

ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED SEAL OR HIS EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES

CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS

MONTROSE
SURVEYING CO., LLP.
CITY & LAND SURVEYORS
116 20 METROPOLITAN AVE * RICHMOND HILL NY 11418-1090 * (718) 849-0600
WWW.MONTROSESURVEYING.COM Email: Info@montrosesurveying.com

LOW FLOW SAMPLING
DATA SHEET

SHEET ___ OF ___

SITE: 32-70 38th Ave
DATE: 5/14/25
WEATHER: Rain -60s-

CONSULTING FIRM: Upstate Drilling
FIELD PERSONNEL:

MONITOR WELL #: MW-1
WELL PERMIT #:
WELL DEPTH: 17.38
WELL DIAMETER: 1 inches
SCREENED/OPEN INTERVAL: ~7.38-12.38

PID/FID READINGS (ppm):
BACKGROUND: 0.0
BENEATH OUTER CAP: 0.0
BENEATH INNER CAP:

PUMP INTAKE DEPTH: 16 ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION : 15.46 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
0915			7.47	NA	2.18	NA	196	NA	7.95	NA	0.0	NA	19.36	NA		16.79
0920			7.96		2.06		196		2.38		0.0		19.32			16.81
0925			8.01		2.11		201		2.29		0.0		19.18			16.84
0930			8.07		2.13		203		2.32		0.0		19.13			16.85
0935			8.09		2.11		206		2.34		0.0		19.24			16.86

COMMENTS: 0940 collect MW-1
0945 - MS-1
0950 MSD-1

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SHEET ___ OF ___

SITE: 27-30-32nd Ave
DATE: 6/9/15
WEATHER: Sunny-80°F
CONSULTING FIRM: Vela
FIELD PERSONNEL: DL

MONITOR WELL #: MW-1D
WELL PERMIT #:
WELL DEPTH: 35
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL: 15-35

PID/FID READINGS (ppm): BACKGROUND: ___ BENEATH OUTER CAP: ___ BENEATH INNER CAP: ___
PUMP INTAKE DEPTH: 30 ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 5.71 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1015			7.82		1.92	NA	64	NA	2.90	NA	292	NA	19.07	NA		15.32
1020			7.95		1.96		62		2.74		35		19.02			15.61
1025			8.02		1.94		63		2.82		29		18.96			16.51
1030			8.03		1.98		65		2.65		26		18.93			16.72

COMMENTS: Bubbles forming @ 1038

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SHEET ___ OF ___

SITE: 32-30 38th Ave
DATE: 6/15/18
WEATHER: Sunny 80°F
CONSULTING FIRM: Weldon
FIELD PERSONNEL: DE
SCREENED/OPEN INTERVAL: 15-15
MONITOR WELL #: MW-01
WELL PERMIT #:
WELL DEPTH: 15
WELL DIAMETER: 2 inches
PID/FID READINGS (ppm): BACKGROUND:
BENEATH OUTER CAP:
BENEATH INNER CAP:
PUMP INTAKE DEPTH: 11 ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 5.41 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1050			7.95	NA	1.28	NA	156	NA	9.62	NA	7.38	NA	19.12	NA		15.41
1055			7.93		1.29		213		9.27		1.16		19.03			15.76
1100			7.91		1.77		162		8.48		42.4		18.80			16.11
1105			7.95		1.79		158		8.16		46.9		17.11			16.12
1110			7.02		1.91		164		8.07		43.5		19.98			16.17
1115			6.05		1.93		152		7.78		40.9		18.96			16.15

COMMENTS: Began Sampling @ 1120

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SHEET ____ OF ____

SITE: 32-20 38th Ave
DATE: 5/15/25
WEATHER: Overcast - 60s F

CONSULTING FIRM: Vela
FIELD PERSONNEL: DK + BN

MONITOR WELL #: MW2
WELL PERMIT #: _____
WELL DEPTH: 17.78
WELL DIAMETER: 1 inches
SCREENED/OPEN INTERVAL: 7.78-17.78

PID/FID READINGS (ppm):
BACKGROUND: 0.0
BENEATH OUTER CAP: 0.0
BENEATH INNER CAP: _____

PUMP INTAKE DEPTH: 16.5 ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION : 15.69 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1715				NA		NA		NA		NA		NA		NA		

COMMENTS: well did not recharge. Could not establish low flow stabilization

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SHEET ____ OF ____

SITE: 3L-70 78th Ave
DATE: Overcast -60s of
WEATHER: 5/15/25

CONSULTING FIRM: Weston
FIELD PERSONNEL: DE ZBN

MONITOR WELL #: MW-3
WELL PERMIT #: _____
WELL DEPTH: _____
WELL DIAMETER: 1 inches
SCREENED/OPEN INTERVAL: 7.88-12.88

PID/FID READINGS (ppm):
BACKGROUND: 0.0
BENEATH OUTER CAP: 0.0
BENEATH INNER CAP: _____
PUMP INTAKE DEPTH: _____ ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION : 13.55 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1135			7.85	NA	2.05	NA	273	NA	5.59	NA	20.0	NA	18.97	NA	270	15.82
1140			7.94	+0.09	2.12	+0.07	276	+3	5.60	+0.01	~~13.6~~	—	18.65		280	15.82
1145			8.00	+0.06	2.16	+0.04	278	+2	7.67	+2.07	0.6	—	18.52		280	16.27
1150			8.04	+0.04	2.17	+0.01	280	+2	7.45	-0.22	0.0	—	18.55		250	16.29
1155			8.05		2.17		282		7.37		0.0		18.58		260	16.29

COMMENTS: Sampling MW-3 and MW DUP-1 @1200

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SHEET ___ OF ___

SITE: 32-20 38th Ave
DATE: 5/15/23
WEATHER: 60's F Breezy
CONSULTING FIRM: Vector Constants
FIELD PERSONNEL: Ben Nelson, David Klein

MONITOR WELL #: MW-4
WELL PERMIT #:
WELL DEPTH: 20.85FT
WELL DIAMETER: 2in inches
SCREENED/OPEN INTERVAL: ~~10-20~~ 10.05-20.05

PID/FID READINGS (ppm): BACKGROUND: 0.0
BENEATH OUTER CAP: 0.0
BENEATH INNER CAP:
PUMP INTAKE DEPTH: 17 ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 15.9 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1000			8.29	NA	0.708	NA	208	NA	1.73	NA	167	NA	20.05	NA	250ml/min	
1005			8.15	-.14	0.711	+.03	224	+16	1.34	-.39	85.8	-81.2	20.05	—	200	17.14
1010			8.10		0.711		225		0.86		25.5		20.07	+.02		

COMMENTS: well did not recharge during sampling event

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SHEET ____ OF ____

SITE: 5/15/18
DATE: 32-203 5th Ave
WEATHER: Cloudy - 60s°F

CONSULTING FIRM: Webster
FIELD PERSONNEL: DK + BN

MONITOR WELL #: MW-5
WELL PERMIT #: _____
WELL DEPTH: 15.33
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL: 5.33 - 15.33

PID/FID READINGS (ppm):
BACKGROUND: 0.0
BENEATH OUTER CAP: 0.0
BENEATH INNER CAP: _____

PUMP INTAKE DEPTH: 14 ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 12.92 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1320			8.49	NA	2.08	NA	262	NA	0.90	NA		NA	19.95	NA		
1320			8.46		2.09		261		3.40				19.99			
1325			8.43		2.09		254						19.96			

COMMENTS:
well did not recharge during sampling event

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SHEET ___ OF ___

SITE: 32-70-38 Bc
DATE: 6/15/15
WEATHER: Sunny 90's F
CONSULTING FIRM: Weston
FIELD PERSONNEL: DK

MONITOR WELL #: MW-6
WELL PERMIT #: ___
WELL DEPTH: 20
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL: 10-20

PID/FID READINGS (ppm): BACKGROUND: ___ BENEATH OUTER CAP: ___ BENEATH INNER CAP: ___
PUMP INTAKE DEPTH: 19 ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 12.09 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
0910				NA		NA		NA		NA		NA		NA		12.09

COMMENTS: MW-6 direct pump purge methods

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SHEET ___ OF ___

SITE: 32-7038 Foothill Blvd
DATE: 5/19/25
WEATHER: Rain, 60's F
CONSULTING FIRM: Vertex
FIELD PERSONNEL: David Klem

MONITOR WELL #: MW-7
WELL PERMIT #:
WELL DEPTH: 19.14
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL: 9.24-19.24

PID/FID READINGS (ppm): BACKGROUND: 0.0
BENEATH OUTER CAP: 0.0
BENEATH INNER CAP:
PUMP INTAKE DEPTH: 17 ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION : 16.08 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1305			8.52	NA	1.27	NA	182	NA	6.35	NA	325	NA	19.56	NA		16.09
1310			8.35		1.22		178		0.50		110		19.36			16.46
1315			8.28		1.21		156		0.49		45		19.4			17.82
1320			8.24		1.21		148		0.52		42		19.32			18.00
1325			8.19		1.22		142		0.51		32		19.51			18.12

COMMENTS: Began sampling at 1330

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

APPENDIX F

DAILY AND CAMP REPORTS

vEKtor consultants

DAILY STATUS REPORT
Prepared By: David Klein

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85	X	>85	

Project Name:	Former Refron Inc. Gas Reclamation Site	**Date:**	5/2/2025

Consultant: Vektor Consultants	**Personnel On-Site:** Environmental Consultant – Vektor Consultants Driller- Coastal Environmental Solutions

Work Activities Performed:

- Vektor inspected the Site with Coastal Environmental Solutions (Coastal), the geophysical surveyor/drilling contractor, to target areas of sample locations, and other potential indicators of underground anomalies and subsurface impacts.
- Coastal performed a geophysical survey to investigate for subsurface structures and to clear boring locations and utilities throughout the site.
    - Coastal precleared all soil boring, groundwater monitoring well, and soil vapor locations. The precleared locations were marked with spray paint on the concrete slab to ensure that utilities were not encountered during boring and well installation.
- Coastal utilized a Geoprobe® Model 6011DT direct-push drill rig to advance 3 soil borings: 25SB-2, 25SB-4, and 25SB-10 to groundwater. Soil samples were collected using 5-foot-long acetate liners which were opened up and inspected, logged and sampled by Vektor immediately after opening each of the 5 ft liners. Soil sampling was conducted by Vektor as described below.
- Vektor inspected the soil recovered from each of the 3 soil borings for visual and olfactory evidence of subsurface impacts. On-site geologist logged soils from grade to bedrock at each boring location describing the physical characteristics of the soil in a dedicated field book. A photoionization detector (PID) was used to field screen the soils. Soil from 0 to 5 feet across the subject property consisted primarily of brown and dark brown fine to medium sand, with little silt with gravel, soil from 5 to 15 feet consisted of primarily brown to light brown sand/silt mixtures, with traces of gravel, no odors or PID detections were noted in soil borings 25SB-4 and 25SB-10. Soil boring 25SB-2 consisted of a PID detection of 337 ppm in the 0-5 foot interval. PID readings for the 5-7.5 foot interval was peaked at 4.7 ppm, and PID readings for the 7.5-10 foot interval peaked at 1.1 ppm. No other PID detections were noted for the rest of soil boring 25SB-2. Fill material consisting of brown silt/sand mixtures with brick and concrete was identified at boring locations 25SB-2 from 0 to 5 ft below grade surface (bgs), 25SB-4 from 0 to 3 ft bgs, and 25SB-10 from 0 to 2 ft bgs. Groundwater was identified at boring locations 25SB-2 at 14.5 feet bgs, 25SB-4 at 13 feet bgs, and 25SB-10 at 13 feet bgs.
- Coastal used the same drill rig to install 2 soil vapor points, 25SV-4, and 25SV-5, to a depth of 12 feet bgs. Sample points were constructed of a dedicated stainless-steel screen fitted with ¼-inch outer diameter inert polyethylene, teflon lined, tubing was extended above ground surface to allow for purging and sampling. The points were backfilled using glass beads followed by environmental grade silica sand and topped with a bentonite layer to seal the tubing in the hole.
- Coastal used the same drill rig to install one monitoring well, MW-6. The 2-inch PVC well was installed to depth of approximately 20’ bgs with the screen set 10 feet above the well bottom. Morrie No. 1 sand was used to fill the annular gap around the screen and above the top of the screened interval. A bentonite seal was installed above the sand, and the remainder of the borehole was backfilled to grade with clean sand
- Soil samples were collected from the shallower (0-2’) interval, the intermediate interval just below the fill layer (5-7’), and the deeper (12.5-14.5’) interval just above groundwater at 25SB-2. Soil samples were collected from the shallower (0-2’) interval, the intermediate interval just below the fill layer (3-5’), and the deeper (11-13’) interval just above groundwater at 25SB-4. Soil samples were collected from the shallower (0-2’) interval, the intermediate interval just below the fill layer (2-4’), and the

deeper (11-13') interval just above groundwater at 25SB-10.

- A total of 9 soil samples were collected from the 3 soil boring locations plus a soil duplicate (DUP-1(0-2')), matrix spike (MS-1), matrix spike duplicate (MSD-1), Field Blank (FB-1), and trip blank (TB-1). The trip blank was submitted to the laboratory for VOCs analysis. The field blank and soil samples collected from 25SB-2, 25SB-4, and 25SB-10 were submitted for TCL VOCs, TCL SVOCs, Pests/PCBs, TAL Metals, trivalent chromium, hexavalent chromium, 1,4-Dioxane, and PFAS analysis.

Samples Collected

- The following intervals were sampled as per the Remedial Investigation Work Plan.

Soil Boring ID	Sample Depths (ft)	Vertical Representation
25SB-2	(0-2') (5-7') (12.5-14.5')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SB-4	(0-2') (3-5') (11-13')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SB-10	(0-2') (2-4') (11-13')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
SB-DUP-1 MS-1 MSD-1	(0-2') (11-13') (11-13')	QA/QC

Community Air Monitoring Program (CAMP)

An upwind and downwind CAMP stations were placed in the near the perimeters of Site during intrusive work performed by Coastal. The upwind CAMP station spent most of the time in the southern portion of the Site and the downwind CAMP station spent most of the time in the northern portion of the Site as the wind was consistently coming from the south.

Background Levels (Initial Readings at Start of Day):
PID: 0.0 ppm Dust: 0.024 mg/m^3

Highest Levels:
PID: 0.0ppm Dust: 0.05 mg/m^3

- Upwind CAMP was implemented during drilling and sampling activities. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530100933, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-601298
- Downwind CAMP was implemented during drilling and sampling activities. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530141307, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-923366
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work area CAMP station.

Problems Encountered

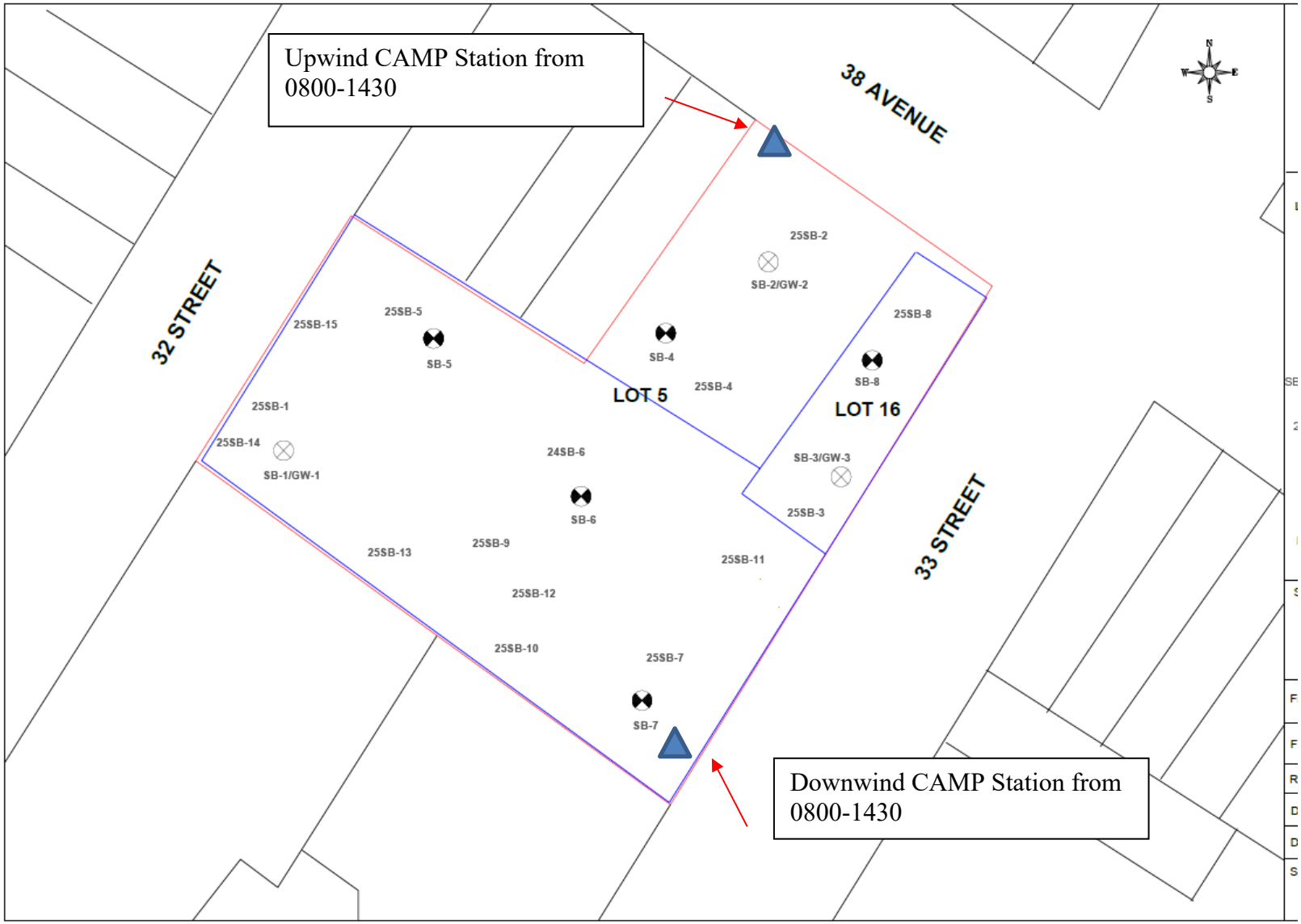
N/A

Planned Activities for the Next Day

Continue installation of soil borings, groundwater monitoring wells, and soil vapor points

vEKtor consultants

SITE PLAN WITH LOCATIONS



vEKtor consultants

Photo Log

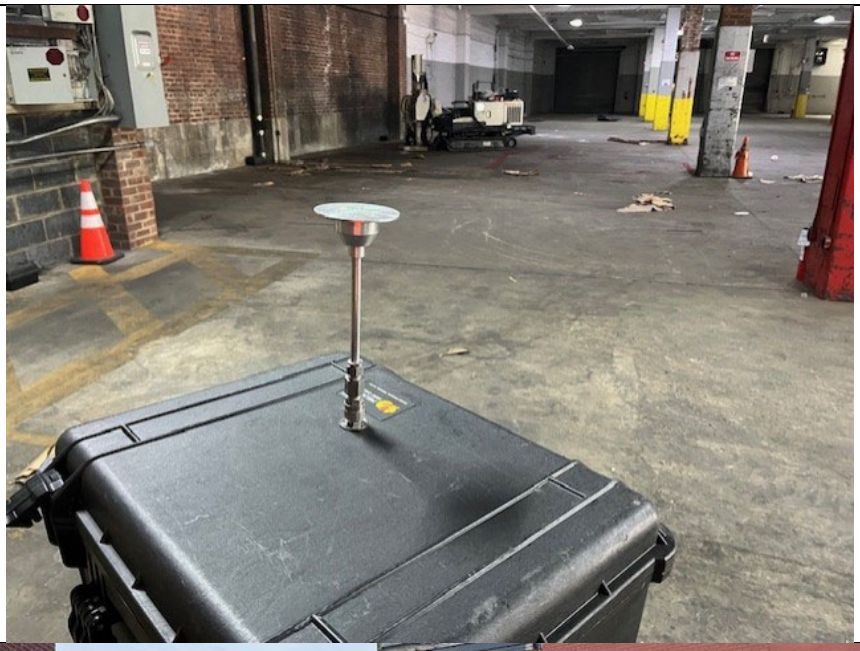
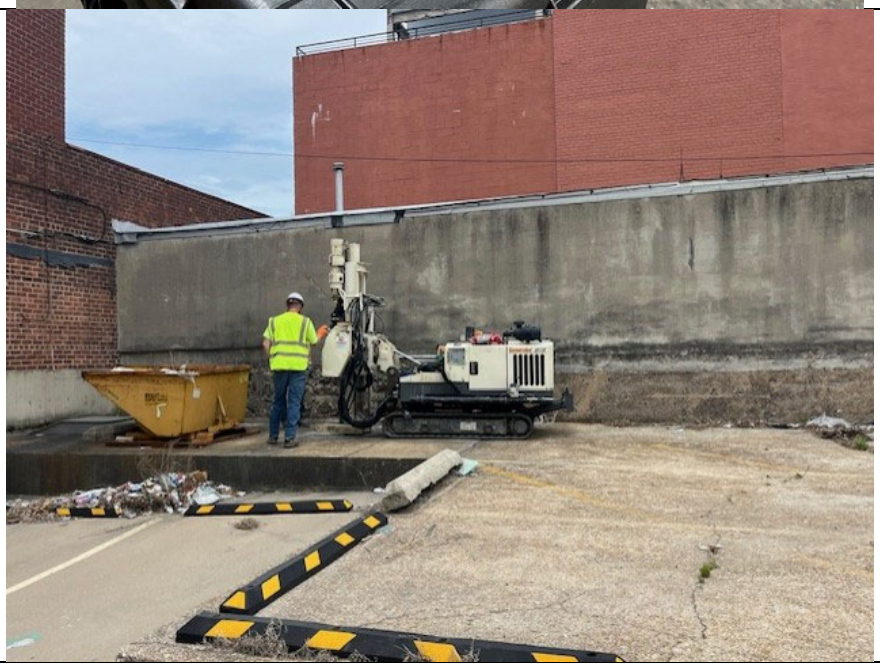
Photo 1: Photograph of site looking west with upwind CAMP station. Coastal Environmental installing 25SB-10	
Photo 2: Coastal Environmental installing 25SV-4	

Photo 3: View of 25SV-4 soil boring from 0 to 15 feet bgs	

Site:	Former Refron Inc. Gas Reclamation Site
Location	Upwind
Date	5/2/2025
Summary	No VOCs Detected
Unit Name:	MiniRAE (3000) (PGM-7320)
Serial Number:	592-904064
Running Mode:	Hygiene Mode
Datalog Mode:	Manual
Diagnostic Mode:	No
Stop Reson:	Stop by User
	Time
Begin:	7:55:12 AM
End:	2:25:12 PM
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	250.0
TWA Alarm	100.0
Measurement Gas	Isobutylene
Calibration Time	5/2/2025
Peak	0.0 ppm
Min	0.0 ppm
Average	0.0 ppm

UPWIND DATALOG	
Time	PID (ppm)
8:10:12 AM	0.0
8:25:12 AM	0.0
8:40:12 AM	0.0
8:55:12 AM	0.0
9:10:12 AM	0.0
9:25:12 AM	0.0
9:40:12 AM	0.0
9:55:12 AM	0.0
10:10:12 AM	0.0
10:25:12 AM	0.0
10:40:12 AM	0.0
10:55:12 AM	0.0
11:10:12 AM	0.0
11:25:12 AM	0.0
11:40:12 AM	0.0
11:55:12 AM	0.0
12:10:12 PM	0.0
12:25:12 PM	0.0
12:40:12 PM	0.0
12:55:12 PM	0.0
1:10:12 PM	0.0
1:25:12 PM	0.0
1:40:12 PM	0.0
1:55:12 PM	0.0
2:10:12 PM	0.0
2:25:12 PM	0.0

Site:	Former Refron Inc. Gas Reclamation Site
Location	Downwind
Date	5/2/2025
Summary	No VOCs Detected
Unit Name:	MiniRAE (3000) (PGM-7320)
Serial Number:	592-925813
Running Mode:	Hygiene Mode
Datalog Mode:	Manual
Diagnostic Mode:	No
Stop Reson:	Stop by User
	Time
Begin:	7:58:55 AM
End:	2:28:55 PM
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	250.0
TWA Alarm	100.0
Measurement Gas	Isobutylene
Calibration Time	5/2/2025
Peak	0.0 ppm
Min	0.0 ppm
Average	0.0 ppm

DOWNWIND DATALOG	
Time	PID (ppm)
8:13:55 AM	0.0
8:28:55 AM	0.0
8:43:55 AM	0.0
8:58:55 AM	0.0
9:13:55 AM	0.0
9:28:55 AM	0.0
9:43:55 AM	0.0
9:58:55 AM	0.0
10:13:55 AM	0.0
10:28:55 AM	0.0
10:43:55 AM	0.0
10:58:55 AM	0.0
11:13:55 AM	0.0
11:28:55 AM	0.0
11:43:55 AM	0.0
11:58:55 AM	0.0
12:13:55 PM	0.0
12:28:55 PM	0.0
12:43:55 PM	0.0
12:58:55 PM	0.0
1:13:55 PM	0.0
1:28:55 PM	0.0
1:43:55 PM	0.0
1:58:55 PM	0.0
2:13:55 PM	0.0
2:28:55 PM	0.0

Site	Former Refron Inc. Gas Reclamation Site
Location	Upwind
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530173315
Firmware Version	3.1
Calibration Date	2/28/2024
Test Start Time	7:57:05 AM
Test Start Date	5/2/2025
Test Length [D:H:M]	0:06:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.039
Mass Minimum [mg/m3]	0.029
Mass Maximum [mg/m3]	0.05
Mass TWA [mg/m3]	0.04
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	26

UPWIND DATALOG	
Time	Mass [mg/m3]
8:12:05 AM	0.029
8:27:05 AM	0.034
8:42:05 AM	0.038
8:57:05 AM	0.038
9:12:05 AM	0.036
9:27:05 AM	0.041
9:42:05 AM	0.045
9:57:05 AM	0.043
10:12:05 AM	0.039
10:27:05 AM	0.038
10:42:05 AM	0.045
10:57:05 AM	0.05
11:12:05 AM	0.039
11:27:05 AM	0.038
11:42:05 AM	0.037
11:57:05 AM	0.04
12:12:05 PM	0.035
12:27:05 PM	0.041
12:42:05 PM	0.039
12:57:05 PM	0.046
1:12:05 PM	0.038
1:27:05 PM	0.04
1:42:05 PM	0.042
1:57:05 PM	0.04
2:12:05 PM	0.043
2:27:05 PM	0.045

Site	Former Refron Inc. Gas Reclamation Site
Location	Downwind
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141708
Firmware Version	3.1
Calibration Date	2/28/2024
Test Start Time	7:56:29 AM
Test Start Date	5/2/2025
Test Length [D:H:M]	0:06:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.032
Mass Minimum [mg/m3]	0.018
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.033
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	26

DOWNWIND DATALOG	
Time	Mass [mg/m3]
8:11:29 AM	0.024
8:26:29 AM	0.028
8:41:29 AM	0.036
8:56:29 AM	0.039
9:11:29 AM	0.041
9:26:29 AM	0.038
9:41:29 AM	0.034
9:56:29 AM	0.029
10:11:29 AM	0.026
10:26:29 AM	0.024
10:41:29 AM	0.018
10:56:29 AM	0.027
11:11:29 AM	0.033
11:26:29 AM	0.036
11:41:29 AM	0.031
11:56:29 AM	0.028
12:11:29 PM	0.034
12:26:29 PM	0.043
12:41:29 PM	0.042
12:56:29 PM	0.039
1:11:29 PM	0.032
1:26:29 PM	0.026
1:41:29 PM	0.033
1:56:29 PM	0.038
2:11:29 PM	0.027
2:26:29 PM	0.031

vEKtor consultants

DAILY STATUS REPORT
Prepared By: David Klein

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Project Name:	Former Refron Inc. Gas Reclamation Site	**Date:**	5/5/2025

Consultant: Vektor Consultants	**Personnel On-Site:** Environmental Consultant – Vektor Consultants Driller- Coastal Environmental Solutions NYSDEC

Work Activities Performed:

- Coastal utilized a Geoprobe® Model 6011DT direct-push drill rig to advance 5 soil borings: 25SB-5, 25SB-6, 25SB-9, 25SB-12, and 25SB-13 to groundwater. Soil samples were collected using 5-foot-long acetate liners which were opened up and inspected, logged and sampled by Vektor immediately after opening each of the 5 ft liners. Soil sampling was conducted by Vektor as described below.

- Vektor inspected the soil recovered from each of the 5 soil borings for visual and olfactory evidence of subsurface impacts. On-site geologist logged soils from grade to bedrock at each boring location describing the physical characteristics of the soil in a dedicated field book. A photoionization detector (PID) was used to field screen the soils. Soil from 0 to 5 feet across the subject property consisted primarily of brown and dark brown fine to medium sand, with little silt with gravel, soil from 5 to 15 feet consisted of primarily brown sand/silt mixtures, with traces of gravel, no odors or PID detections were noted in soil borings. Fill material consisting of brown silt/sand mixtures with brick and concrete was identified at boring locations 25SB-5 from 0 to 3 ft below grade surface (bgs), 25SB-6 from 0 to 3 ft bgs, 25SB-9 from 0 to 2 ft bgs, 25SB-12 from 0 to 3 ft bgs, and 25SB-13 from 0 to 3 ft bgs. Groundwater was identified at boring locations 25SB-5 at 13 feet bgs, 25SB-6 at 13.5 feet bgs, 25SB-9 at 14 feet bgs, 25SB-12 at 13 feet bgs, and 25SB-13 at 15 feet bgs.

- Coastal used the same drill rig to install 2 soil vapor points, 25SV-1 and 25SV-52, to a depth of 12 feet bgs. Sample points were constructed of a dedicated stainless-steel screen fitted with ¼-inch outer diameter inert polyethylene, teflon lined, tubing was extended above ground surface to allow for purging and sampling. The points were backfilled using glass beads followed by environmental grade silica sand and topped with a bentonite layer to seal the tubing in the hole.

- Coastal used the same drill rig to install two monitoring wells, MW-4 and MW-7. The 2-inch PVC wells were installed to depth of approximately 19.5' bgs with the screen set 10 feet above the well bottom. Morrie No. 1 sand was used to fill the annular gap around the screen and above the top of the screened interval. A bentonite seal was installed above the sand, and the remainder of the borehole was backfilled to grade with clean sand

- Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (3-5'), and the deeper (11-13') interval just above groundwater at 25SB-5. Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (3-5'), and the deeper (11.5-13.5') interval just above groundwater at 25SB-6. Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (2-4'), and the deeper (12-14') interval just above groundwater at 25SB-9. Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (3-5'), and the deeper (11-13') interval just above groundwater at 25SB-12. Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (3-5'), and the deeper (13-15') interval just above groundwater at 25SB-13.

- A total of 15 soil samples were collected from the 35 soil boring locations plus a soil duplicate (DUP-2(11-13')), Field Blank (FB-2), and trip blank (TB-2). The trip blank was submitted to the laboratory for VOCs analysis. The field blank and soil samples collected from 25SB-5, 25SB-6, 25SB-9, 25SB-12, and 25SB-13 were submitted for TCL VOCs, TCL SVOCs, Pests/PCBs, TAL Metals, trivalent chromium, hexavalent chromium, 1,4-Dioxane, and PFAS analysis.

Samples Collected

- The following intervals were sampled as per the Remedial Investigation Work Plan.

Soil Boring ID	Sample Depths (ft)	Vertical Representation
25SB-5	(0-2') (3-5') (11-13')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SB-6	(0-2') (3-5') (11.5-13.5')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SB-9	(0-2') (2-4') (12-14')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SB-12	(0-2') (3-5') (11-13')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SB-13	(0-2') (3-5') (13-15')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
SB-DUP-2	(11-13')	QA/QC

Community Air Monitoring Program (CAMP)

An upwind and downwind CAMP stations were placed in the near the perimeters of Site during intrusive work performed by Coastal. The upwind CAMP station spent most of the time in the eastern portion of the Site and the downwind CAMP station spent most of the time in the northwestern portion of the Site as the wind was consistently coming from the east.

Background Levels (Initial Readings at Start of Day):
PID: 0.0 ppm Dust: 0.017 mg/m^3

Highest Levels:
PID: 0.0ppm Dust: 0.051 mg/m^3

- Upwind CAMP was implemented during drilling and sampling activities. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530173315 AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-904064
- Downwind CAMP was implemented during drilling and sampling activities. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530141708, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-925813
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work area CAMP station.

Problems Encountered

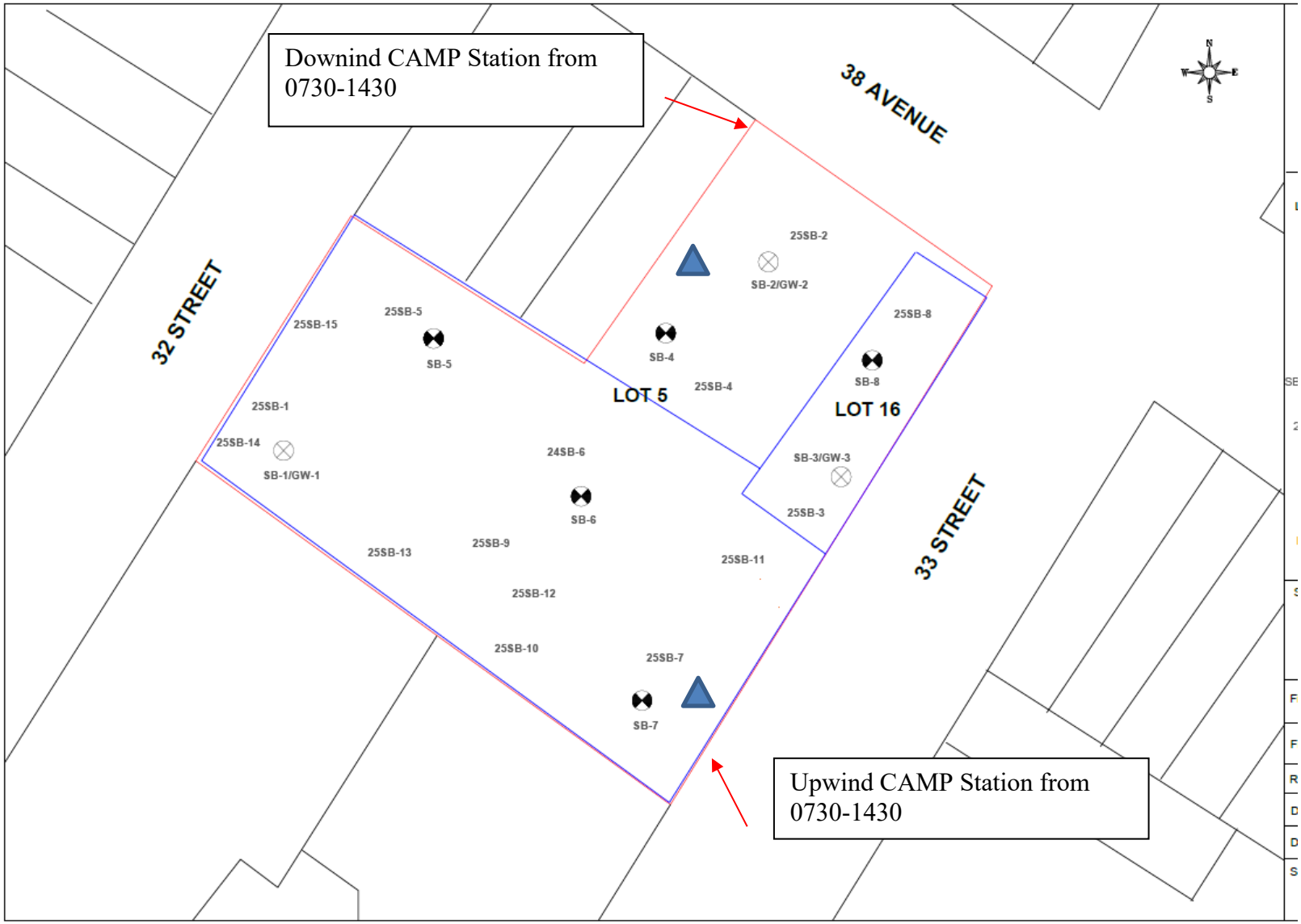
N/A

Planned Activities for the Next Day

Continue installation of soil borings, groundwater monitoring wells, and soil vapor points

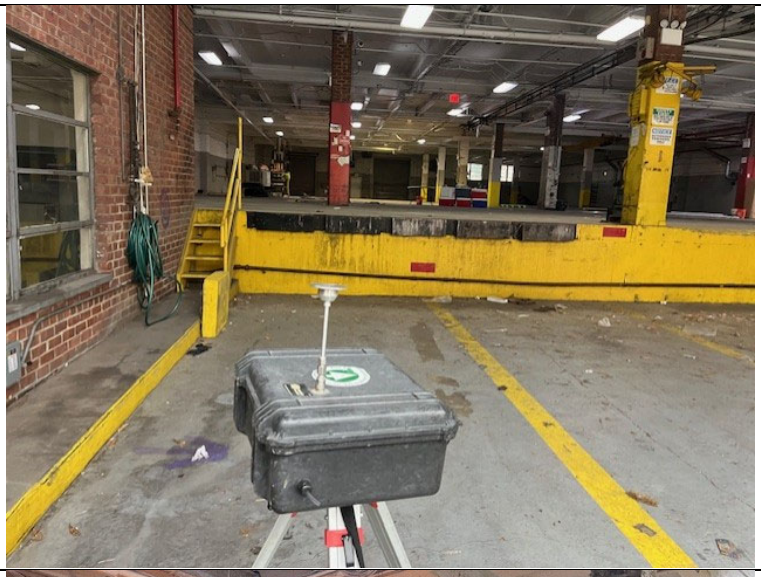
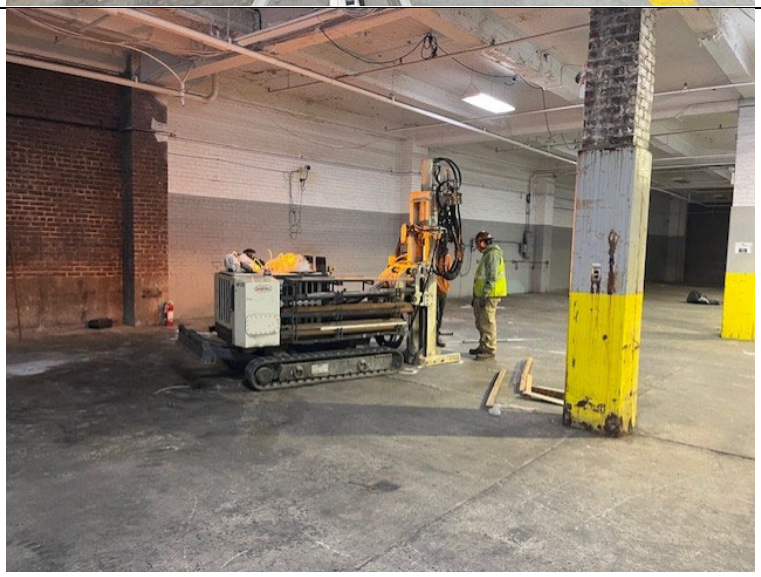
vEKtor consultants

SITE PLAN WITH LOCATIONS



vEKtor consultants

Photo Log

Photo 1: Photograph of site looking west with upwind CAMP station. Coastal Environmental installing 25SB-13	
Photo 2: Coastal Environmental installing 25SB-12	
Photo 3: View of 25SB-5 soil boring from 0 to 15 feet bgs	

Site:	Former Refron Inc. Gas Reclamation Site
Location	Upwind
Date	5/5/2025
Summary	No VOCs Detected
Unit Name:	MiniRAE (3000) (PGM-7320)
Serial Number:	592-904064
Running Mode:	Hygiene Mode
Datalog Mode:	Manual
Diagnostic Mode:	No
Stop Reson:	Stop by User
	Time
Begin:	7:40:26 AM
End:	2:25:26 PM
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	250.0
TWA Alarm	100.0
Measurement Gas	Isobutylene
Calibration Time	5/5/2025
Peak	0.0 ppm
Min	0.0 ppm
Average	0.0 ppm

UPWIND DATALOG	
Time	PID (ppm)
7:55:26 AM	0.0
8:10:26 AM	0.0
8:25:26 AM	0.0
8:40:26 AM	0.0
8:55:26 AM	0.0
9:10:26 AM	0.0
9:25:26 AM	0.0
9:40:26 AM	0.0
9:55:26 AM	0.0
10:10:26 AM	0.0
10:25:26 AM	0.0
10:40:26 AM	0.0
10:55:26 AM	0.0
11:10:26 AM	0.0
11:25:26 AM	0.0
11:40:26 AM	0.0
11:55:26 AM	0.0
12:10:26 PM	0.0
12:25:26 PM	0.0
12:40:26 PM	0.0
12:55:26 PM	0.0
1:10:26 PM	0.0
1:25:26 PM	0.0
1:40:26 PM	0.0
1:55:26 PM	0.0
2:10:26 PM	0.0
2:25:26 PM	0.0

Site:	Former Refron Inc. Gas Reclamation Site
Location	Downwind
Date	5/5/2025
Summary	No VOCs Detected
Unit Name:	MiniRAE (3000) (PGM-7320)
Serial Number:	592-925813
Running Mode:	Hygiene Mode
Datalog Mode:	Manual
Diagnostic Mode:	No
Stop Reson:	Stop by User
	Time
Begin:	7:43:39 AM
End:	2:28:39 PM
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	250.0
TWA Alarm	100.0
Measurement Gas	Isobutylene
Calibration Time	5/5/2025
Peak	0.0 ppm
Min	0.0 ppm
Average	0.0 ppm

DOWNWIND DATALOG	
Time	PID (ppm)
7:58:39 AM	0.0
8:13:39 AM	0.0
8:28:39 AM	0.0
8:43:39 AM	0.0
8:58:39 AM	0.0
9:13:39 AM	0.0
9:28:39 AM	0.0
9:43:39 AM	0.0
9:58:39 AM	0.0
10:13:39 AM	0.0
10:28:39 AM	0.0
10:43:39 AM	0.0
10:58:39 AM	0.0
11:13:39 AM	0.0
11:28:39 AM	0.0
11:43:39 AM	0.0
11:58:39 AM	0.0
12:13:39 PM	0.0
12:28:39 PM	0.0
12:43:39 PM	0.0
12:58:39 PM	0.0
1:13:39 PM	0.0
1:28:39 PM	0.0
1:43:39 PM	0.0
1:58:39 PM	0.0
2:13:39 PM	0.0
2:28:39 PM	0.0

Site	Former Refron Inc. Gas Reclamation Site
Location	Upwind
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530173315
Firmware Version	3.1
Calibration Date	10/28/2024
Test Start Time	7:41:17 AM
Test Start Date	5/5/2025
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.029
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.042
Mass TWA [mg/m3]	0.03
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	27

UPWIND DATALOG	
Time	Mass [mg/m3]
7:56:17 AM	0.017
8:11:17 AM	0.023
8:26:17 AM	0.026
8:41:17 AM	0.014
8:56:17 AM	0.018
9:11:17 AM	0.021
9:26:17 AM	0.016
9:41:17 AM	0.021
9:56:17 AM	0.029
10:11:17 AM	0.034
10:26:17 AM	0.028
10:41:17 AM	0.026
10:56:17 AM	0.034
11:11:17 AM	0.032
11:26:17 AM	0.035
11:41:17 AM	0.029
11:56:17 AM	0.026
12:11:17 PM	0.028
12:26:17 PM	0.035
12:41:17 PM	0.038
12:56:17 PM	0.034
1:11:17 PM	0.042
1:26:17 PM	0.039
1:41:17 PM	0.033
1:56:17 PM	0.032
2:11:17 PM	0.036
2:26:17 PM	0.031

Site	Former Refron Inc. Gas Reclamation Site
Location	Downwind
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141708
Firmware Version	3.1
Calibration Date	1/8/2025
Test Start Time	7:43:42 AM
Test Start Date	5/5/2025
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.033
Mass Minimum [mg/m3]	0.022
Mass Maximum [mg/m3]	0.051
Mass TWA [mg/m3]	0.034
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	27

DOWNWIND DATALOG	
Time	Mass [mg/m3]
7:58:42 AM	0.029
8:13:42 AM	0.024
8:28:42 AM	0.028
8:43:42 AM	0.036
8:58:42 AM	0.032
9:13:42 AM	0.035
9:28:42 AM	0.031
9:43:42 AM	0.033
9:58:42 AM	0.037
10:13:42 AM	0.035
10:28:42 AM	0.034
10:43:42 AM	0.029
10:58:42 AM	0.022
11:13:42 AM	0.025
11:28:42 AM	0.027
11:43:42 AM	0.041
11:58:42 AM	0.038
12:13:42 PM	0.036
12:28:42 PM	0.032
12:43:42 PM	0.035
12:58:42 PM	0.051
1:13:42 PM	0.034
1:28:42 PM	0.042
1:43:42 PM	0.035
1:58:42 PM	0.032
2:13:42 PM	0.036
2:28:42 PM	0.034

vEKtor consultants

DAILY STATUS REPORT
Prepared By: David Klein

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Project Name:	Former Refron Inc. Gas Reclamation Site	**Date:**	5/6/2025

Consultant: Vektor Consultants	**Personnel On-Site:** Environmental Consultant – Vektor Consultants Driller- Coastal Environmental Solutions NYSDEC

Work Activities Performed:

- Coastal utilized a Geoprobe® Model 6011DT direct-push drill rig to advance 7 soil borings: 25SB-1, 25SB-3, 25SB-7, 25SB-8, 25SB-11, 25SB-14, and 25SB-15 to groundwater. Soil samples were collected using 5-foot-long acetate liners which were opened up and inspected, logged and sampled by Vektor immediately after opening each of the 5 ft liners. Soil sampling was conducted by Vektor as described below.

- Vektor inspected the soil recovered from each of the 7 soil borings for visual and olfactory evidence of subsurface impacts. On-site geologist logged soils from grade to bedrock at each boring location describing the physical characteristics of the soil in a dedicated field book. A photoionization detector (PID) was used to field screen the soils. Soil from 0 to 5 feet across the subject property consisted primarily of brown and dark brown fine to medium sand, with little silt with gravel, soil from 5 to 12 feet consisted of primarily brown sand/silt mixtures, with traces of gravel, soil from 12 to 15 feet consisted of primarily brown sand/silt mixtures, with traces of gravel and clay, no odors or PID detections were noted in soil borings. Fill material consisting of brown silt/sand mixtures with brick and concrete was identified at boring locations 25SB-1 from 0 to 2 ft below grade surface (bgs), 25SB-3 from 0 to 4 ft bgs, 25SB-7 from 0 to 3 ft bgs, 25SB-8 from 0 to 3 ft bgs, 25SB-14 from 0 to 4 ft bgs, and 25SB-15 from 0 to 4 ft bgs. No fill material was observed at 25SB-11. Groundwater was identified at boring locations 25SB-1 at 13 feet bgs, 25SB-3 at 13 feet bgs, 25SB-7 at 8 feet bgs, 25SB-8 at 14.5 feet bgs, 25SB-11 at 1.5 feet bgs, 25SB-14 at 12 feet bgs, and 25SB-15 at 12 feet bgs. Please note that boring 25SB-11 was collected in the basement of the warehouse which is approximately 15 feet below sidewalk grade.

- Coastal used the same drill rig to install soil vapor point, 25SV-3, to a depth of 6 feet bgs as groundwater was observed at 8 to 9 feet bgs. Sample points were constructed of a dedicated stainless-steel screen fitted with ¼-inch outer diameter inert polyethylene, teflon lined, tubing was extended above ground surface to allow for purging and sampling. The points were backfilled using glass beads followed by environmental grade silica sand and topped with a bentonite layer to seal the tubing in the hole.

- Coastal used the same drill rig to install one monitoring well, MW-5. The 2-inch PVC wells were installed to depth of approximately 15 feet bgs with the screen set 10 feet above the well bottom as groundwater was observed from 8 to 9 feet bgs. Morrie No. 1 sand was used to fill the annular gap around the screen and above the top of the screened interval. A bentonite seal was installed above the sand, and the remainder of the borehole was backfilled to grade with clean sand

- Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (2-4'), and the deeper (11-13') interval just above groundwater at 25SB-1. Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (4-6'), and the deeper (11-13') interval just above groundwater at 25SB-3. Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (3-5'), and the deeper (6-8') interval just above groundwater at 25SB-7. Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (3-5'), and the deeper (12.5-14.5') interval just above groundwater at 25SB-8. One soil sample was collected from the shallower/deeper (0-1.5') interval at 25SB-11. 25SB-11 was installed in the basement of Lot 5 which is approximately 15 feet below sidewalk grade, groundwater was encountered at 1.5 feet bgs, no fill material was observed. Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the

fill layer (4-6'), and the deeper (10-12') interval just above groundwater at 25SB-14. Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (4-6'), and the deeper (10-12') interval just above groundwater at 25SB-15.

- A total of 19 soil samples were collected from the 7 soil boring locations plus a soil duplicate (DUP-3(0-2')), matrix spike (MS-2), MS-3, matrix spike duplicate (MSD-2), MSD-3, Field Blank (FB-3), and trip blank (TB-3). The trip blank was submitted to the laboratory for VOCs analysis. The field blank and soil samples collected from 25SB-1, 25SB-3, 25SB-7, 25SB-8, 25SB-11, 25SB-14, and 25SB-15 were submitted for TCL VOCs, TCL SVOCs, Pests/PCBs, TAL Metals, trivalent chromium, hexavalent chromium, 1,4-Dioxane, and PFAS analysis.

Samples Collected

- The following intervals were sampled as per the Remedial Investigation Work Plan.

Soil Boring ID	Sample Depths (ft)	Vertical Representation
25SB-1	(0-2') (2-4') (11-13')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SB-3	(0-2') (4-6') (11-13')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SB-7	(0-2') (3-5') (6-8')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SB-8	(0-2') (3-5') (12.5-14.5')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SB-11	(0-1.5')	Shallowest (below slab)/Deepest interval above groundwater
25SB-14	(0-2') (4-6') (10-12')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SB-15	(0-2') (4-6') (10-12')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
SB-DUP-3 MS-2 MS-3 MSD-2 MSD-3	(0-2')	QA/QC

Community Air Monitoring Program (CAMP)

An upwind and downwind CAMP stations were placed in the near the perimeters of Site during intrusive work performed by Coastal. The upwind CAMP station spent most of the time in the eastern portion of the Site and the downwind CAMP station spent most of the time in the northwestern portion of the Site as the wind was consistently coming from the east.

Background Levels (Initial Readings at Start of Day):
PID: 0.0 ppm Dust: 0.014 mg/m^3

Highest Levels:
PID: 0.0ppm Dust: 0.067 mg/m^3

- Upwind CAMP was implemented during drilling and sampling activities. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530100933, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-601298
- Downwind CAMP was implemented during drilling and sampling activities. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530141307, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-923366
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work area CAMP station.

Problems Encountered

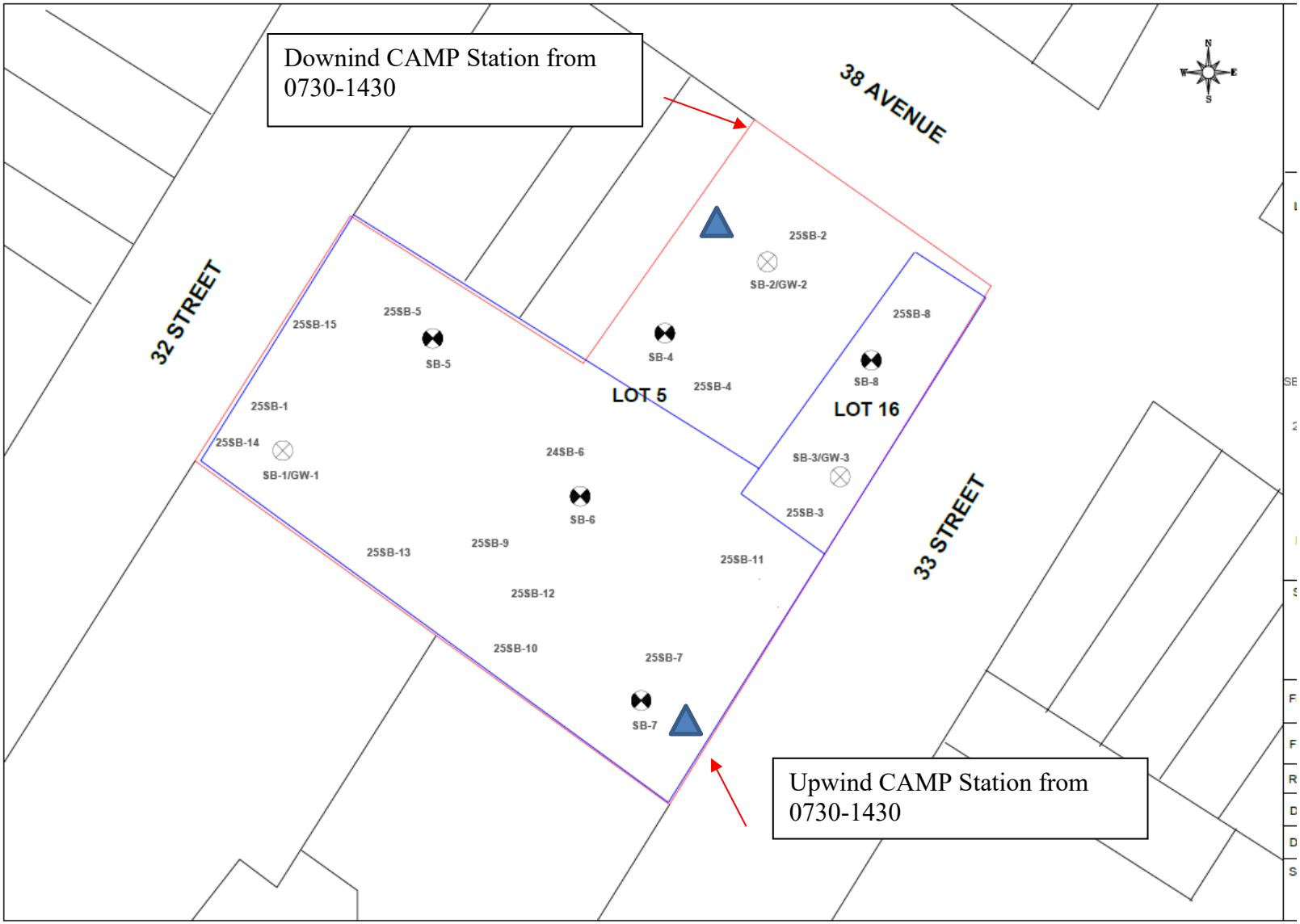
Attempts were made to drill groundwater monitoring wells MW-1I and MW-1D. However, refusal was encountered at 19 feet bgs at both locations. Coordination with the client and driller will be made to bring another drill rig to site at a later date.

Planned Activities for the Next Day

Collection of soil vapor samples and well development

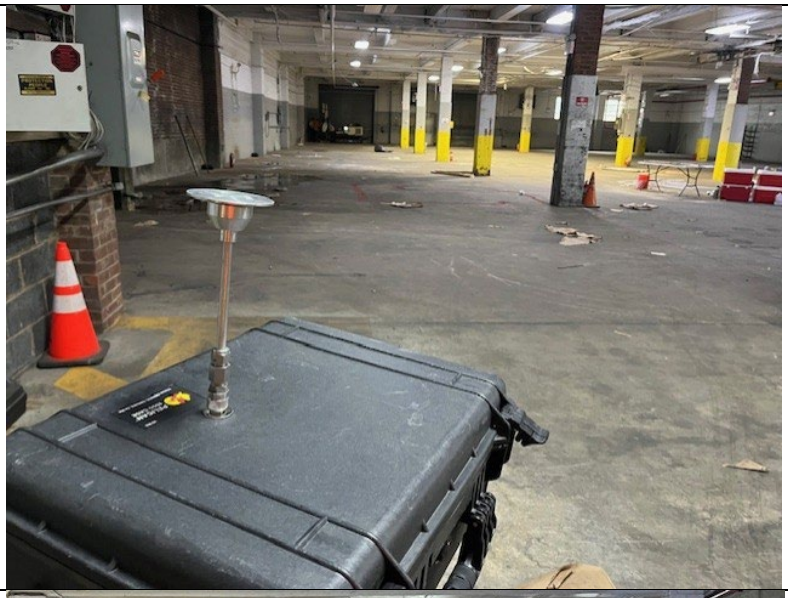
vEKtor consultants

SITE PLAN WITH LOCATIONS



vEKtor consultants

Photo Log

Photo 1: Photograph of site looking west with upwind CAMP station.	
Photo 2: Coastal Environmental installing 25SB-15	
Photo 3: View of 25SB-3 soil boring from 0 to 15 feet bgs	

Site:	Former Refron Inc. Gas Reclamation Site
Location	Upwind
Date	5/6/2025
Summary	No VOCs Detected
Unit Name:	MiniRAE (3000) (PGM-7320)
Serial Number:	592-904064
Running Mode:	Hygiene Mode
Datalog Mode:	Manual
Diagnostic Mode:	No
Stop Reson:	Stop by User
	Time
Begin:	7:51:12 AM
End:	2:36:12 PM
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	250.0
TWA Alarm	100.0
Measurement Gas	Isobutylene
Calibration Time	5/6/2025
Peak	0.0 ppm
Min	0.0 ppm
Average	0.0 ppm

Site:	Former Refron Inc. Gas Reclamation Site
Location	Downwind
Date	5/6/2025
Summary	No VOCs Detected
Unit Name:	MiniRAE (3000) (PGM-7320)
Serial Number:	592-925813
Running Mode:	Hygiene Mode
Datalog Mode:	Manual
Diagnostic Mode:	No
Stop Reson:	Stop by User
	Time
Begin:	7:49:52 AM
End:	2:34:52 PM
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	250.0
TWA Alarm	100.0
Measurement Gas	Isobutylene
Calibration Time	5/6/2025
Peak	0.0 ppm
Min	0.0 ppm
Average	0.0 ppm

UPWIND DATALOG	
Time	PID (ppm)
8:06:12 AM	0.0
8:21:12 AM	0.0
8:36:12 AM	0.0
8:51:12 AM	0.0
9:06:12 AM	0.0
9:21:12 AM	0.0
9:36:12 AM	0.0
9:51:12 AM	0.0
10:06:12 AM	0.0
10:21:12 AM	0.0
10:36:12 AM	0.0
10:51:12 AM	0.0
11:06:12 AM	0.0
11:21:12 AM	0.0
11:36:12 AM	0.0
11:51:12 AM	0.0
12:06:12 PM	0.0
12:21:12 PM	0.0
12:36:12 PM	0.0
12:51:12 PM	0.0
1:06:12 PM	0.0
1:21:12 PM	0.0
1:36:12 PM	0.0
1:51:12 PM	0.0
2:06:12 PM	0.0
2:21:12 PM	0.0
2:36:12 PM	0.0

DOWNWIND DATALOG	
Time	PID (ppm)
8:04:52 AM	0.0
8:19:52 AM	0.0
8:34:52 AM	0.0
8:49:52 AM	0.0
9:04:52 AM	0.0
9:19:52 AM	0.0
9:34:52 AM	0.0
9:49:52 AM	0.0
10:04:52 AM	0.0
10:19:52 AM	0.0
10:34:52 AM	0.0
10:49:52 AM	0.0
11:04:52 AM	0.0
11:19:52 AM	0.0
11:34:52 AM	0.0
11:49:52 AM	0.0
12:04:52 PM	0.0
12:19:52 PM	0.0
12:34:52 PM	0.0
12:49:52 PM	0.0
1:04:52 PM	0.0
1:19:52 PM	0.0
1:34:52 PM	0.0
1:49:52 PM	0.0
2:04:52 PM	0.0
2:19:52 PM	0.0
2:34:52 PM	0.0

Site	Former Refron Inc. Gas Reclamation Site
Location	Upwind
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530173315
Firmware Version	3.1
Calibration Date	10/28/2024
Test Start Time	7:48:22 AM
Test Start Date	5/6/2025
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.029
Mass TWA [mg/m3]	0.021
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	27

UPWIND DATALOG	
Time	Mass [mg/m3]
8:03:22 AM	0.014
8:18:22 AM	0.019
8:33:22 AM	0.022
8:48:22 AM	0.026
9:03:22 AM	0.023
9:18:22 AM	0.02
9:33:22 AM	0.018
9:48:22 AM	0.016
10:03:22 AM	0.014
10:18:22 AM	0.015
10:33:22 AM	0.019
10:48:22 AM	0.022
11:03:22 AM	0.017
11:18:22 AM	0.013
11:33:22 AM	0.015
11:48:22 AM	0.016
12:03:22 PM	0.022
12:18:22 PM	0.027
12:33:22 PM	0.023
12:48:22 PM	0.025
1:03:22 PM	0.018
1:18:22 PM	0.015
1:33:22 PM	0.022
1:48:22 PM	0.029
2:03:22 PM	0.024
2:18:22 PM	0.018
2:33:22 PM	0.016

Site	Former Refron Inc. Gas Reclamation Site
Location	Downwind
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141708
Firmware Version	3.1
Calibration Date	1/8/2025
Test Start Time	7:51:08 AM
Test Start Date	5/6/2025
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.041
Mass Minimum [mg/m3]	0.026
Mass Maximum [mg/m3]	0.067
Mass TWA [mg/m3]	0.04
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	27

DOWNWIND DATALOG	
Time	Mass [mg/m3]
8:06:08 AM	0.026
8:21:08 AM	0.029
8:36:08 AM	0.034
8:51:08 AM	0.035
9:06:08 AM	0.052
9:21:08 AM	0.067
9:36:08 AM	0.049
9:51:08 AM	0.041
10:06:08 AM	0.035
10:21:08 AM	0.032
10:36:08 AM	0.037
10:51:08 AM	0.05
11:06:08 AM	0.038
11:21:08 AM	0.033
11:36:08 AM	0.036
11:51:08 AM	0.044
12:06:08 PM	0.04
12:21:08 PM	0.037
12:36:08 PM	0.035
12:51:08 PM	0.042
1:06:08 PM	0.048
1:21:08 PM	0.055
1:36:08 PM	0.051
1:51:08 PM	0.048
2:06:08 PM	0.041
2:21:08 PM	0.039
2:36:08 PM	0.046

vEKtor consultants

DAILY STATUS REPORT
Prepared By: David Klein

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85	X	>85	

Project Name:	Former Refron Inc. Gas Reclamation Site	**Date:**	5/7/2025

Consultant: Vektor Consultants	**Personnel On-Site:** Environmental Consultant – Vektor Consultants Driller- Coastal Environmental Solutions

Work Activities Performed:

- Vektor connected 6-liter summa canisters to the Teflon tubing and opened the 8-hour flow controllers to begin the soil vapor sampling. Additionally, an outdoor air sample was deployed upwind in the southeastern perimeter of the Site along 33rd Street. The start times and initial canister pressures were recorded on the chain of custody. The final locations of soil vapor and outdoor air samples are shown in a figure attached to this report.

- Prior to testing, Vektor utilized a tracer gas was used in accordance with NYSDOH protocols to serve as a quality assurance/quality control (QA/QC) technique to verify the integrity of the soil vapor point seal. The integrity of vapor points was tested by placing a plastic shroud over the vapor points to isolate them from ambient air. Then a helium tracer gas was applied into the shroud and screened utilizing a helium detector for presence of helium. No helium was detected in any of the vapor points. After purging approximately three volumes of air from each vapor point at a flow rate less than 200 milliliters per minute, representative samples were collected for laboratory analysis utilizing 6-liter SUMMA canisters fitted with 8-hour flow controllers set not to exceed 0.2 liters per minute, as established by the NYSDOH Guidance document. Upon completion of the vapor sampling, all canisters were labeled properly with the sample ID numbers, and vacuum pressure readings in the canisters before and after the sample collection. The vapor samples were then submitted to a NYSDOH ELAP-certified laboratory under proper chain of custody procedures to be analyzed for VOCs by EPA Method TO-15.

- Monitoring wells MW-4, MW-5, MW-6, and MW-7 were developed utilizing a 2-inch whale pump. Approximately 2-3 gallons were purged from each well for a total of 8-10 gallons. The purged water was appropriately containerized in 55-gallon drums, properly labeled and stored onsite.

Samples Collected

- Soil Vapor samples (25SV-1 through 25SV-5), plus one duplicate sample (25SV-DUP-1) and one outdoor/ambient sample (OA-1) were collected after an 8-hour period, when vacuum readings were between 5 and -10“ inHg. Sample times, final vacuum readings and equipment information were recorded on the chain of custody. The soil vapor and ambient air samples were submitted to York to be analyzed for VOCs via EPA method TO-15.

Community Air Monitoring Program (CAMP)

- No CAMP was performed as no intrusive activities occurred onsite

Problems Encountered

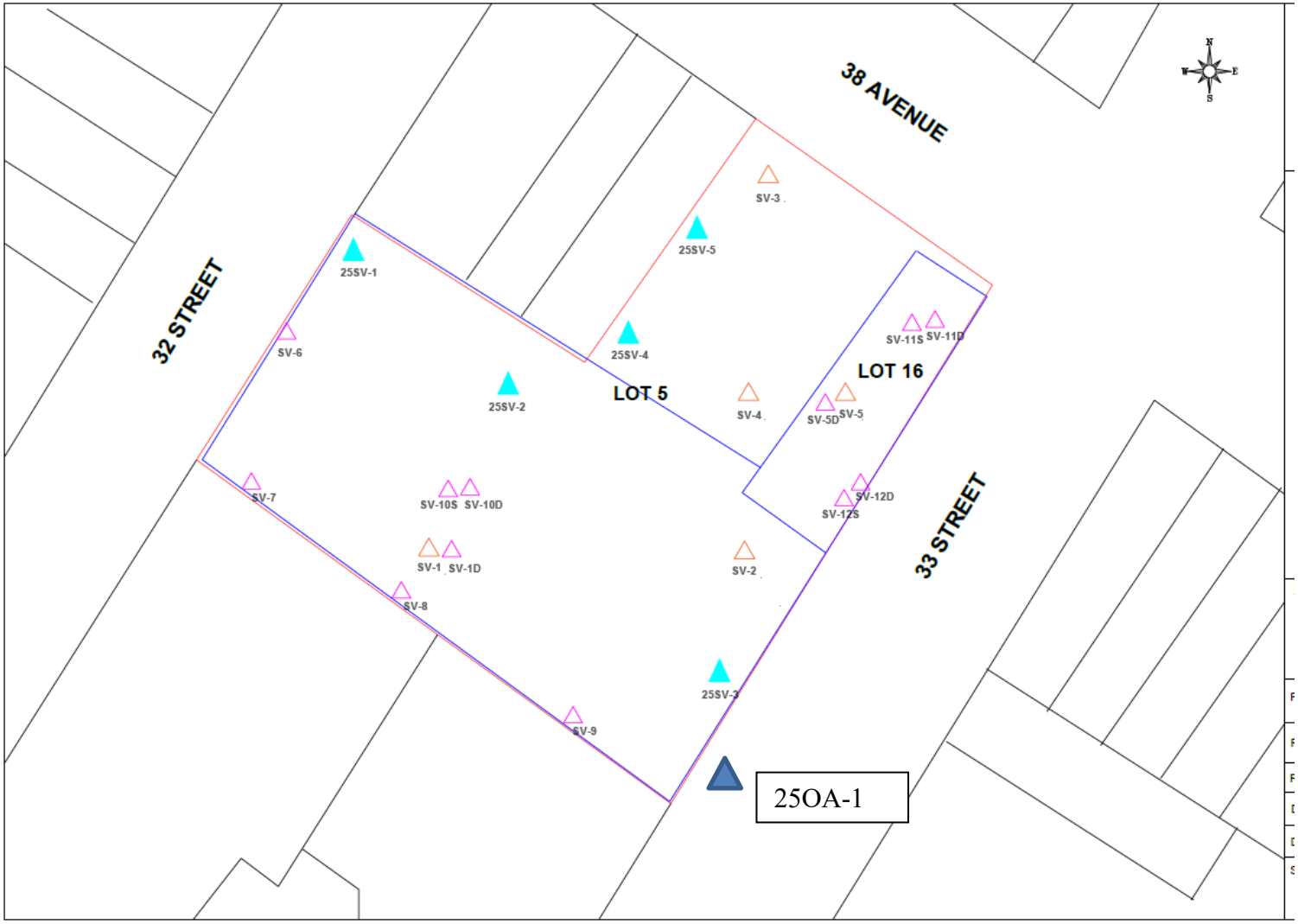
N/A

Planned Activities for the Next Day

No work is planned but groundwater sampling activities will begin next week

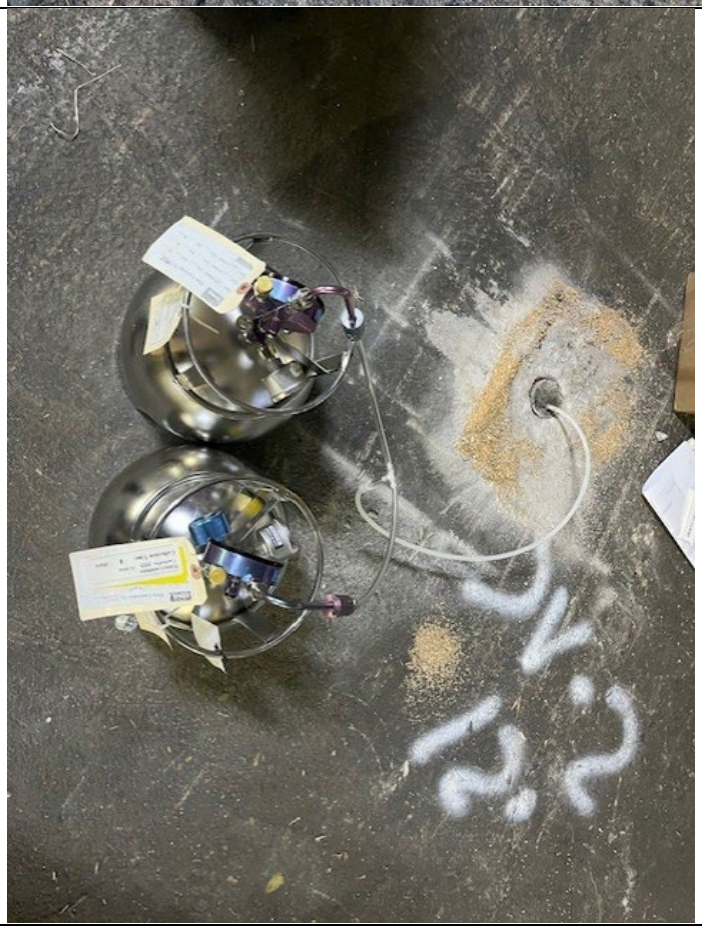
vEKtor consultants

SITE PLAN WITH LOCATIONS



vEKtor consultants

Photo Log

Photo 1: Photograph of collection of 25SV-4	
Photo 2: Collection of 25SV-2 and 25SV-DUP-1	

vEKtor consultants

DAILY STATUS REPORT
Prepared By: David Klein

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85	X	>85	

Project Name:	Former Refron Inc. Gas Reclamation Site	**Date:**	5/14/2025

Consultant: Vektor Consultants	**Personnel On-Site:** Environmental Consultant – Vektor Consultants

Work Activities Performed:

- Vektor gauged all the monitoring wells prior to sampling. In addition to Depth to Water measurements, Vektor measured the depth to bottom (DTB), and the distance between the top or well casings and the building's slab-on-grade foundation.
- Vektor purged each monitoring well and monitored water quality using a Horiba to confirm that water quality parameters stabilized prior to sampling. Between 1 to 2-gallons of water were purged from the two monitoring wells across the Site prior to sampling. Purge water was initially turbid and brown/cloudy but soon cleared during purging.
- Vektor used a peristaltic pump for groundwater sampling. Vektor purged and sampled all wells at a low-flow rate. Approximately 3-gallons of groundwater was collectively purged prior the two onsite monitoring wells prior to sampling. Purged water was appropriately containerized in 55-gallon drums, properly labeled and stored onsite.

Samples Collected

- Groundwater samples collected from monitoring wells: MW-1, MW-7, plus a matrix spike (MS-1), matrix spike duplicate (MSD-1) were collected and submitted to York Analytical Laboratories, Inc. (York) to be analyzed for TCL volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polycyclic biphenyls (PCBs), pesticides, target analyte list (TAL)/TCL metals plus hexavalent chromium and trivalent chromium, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAs).
- One trip blank was placed in a cooler full of groundwater samples. The trip blank (TB-1) was provided by the laboratory with a seal around the cap. Vektor submitted the trip blank sample to York to be analyzed for TCL VOCs.
- One field blank (FB-1) was collected and submitted to York to be analyzed for TCL volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polycyclic biphenyls (PCBs), pesticides, target analyte list (TAL)/TCL metals plus hexavalent chromium and trivalent chromium, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAs). Vektor collected the rinsate blank by running DI water through the decontaminated water quality meter and peristaltic pump and then collecting the water in laboratory supplied glassware.

Community Air Monitoring Program (CAMP)

- No CAMP was performed as no intrusive activities occurred onsite

Problems Encountered

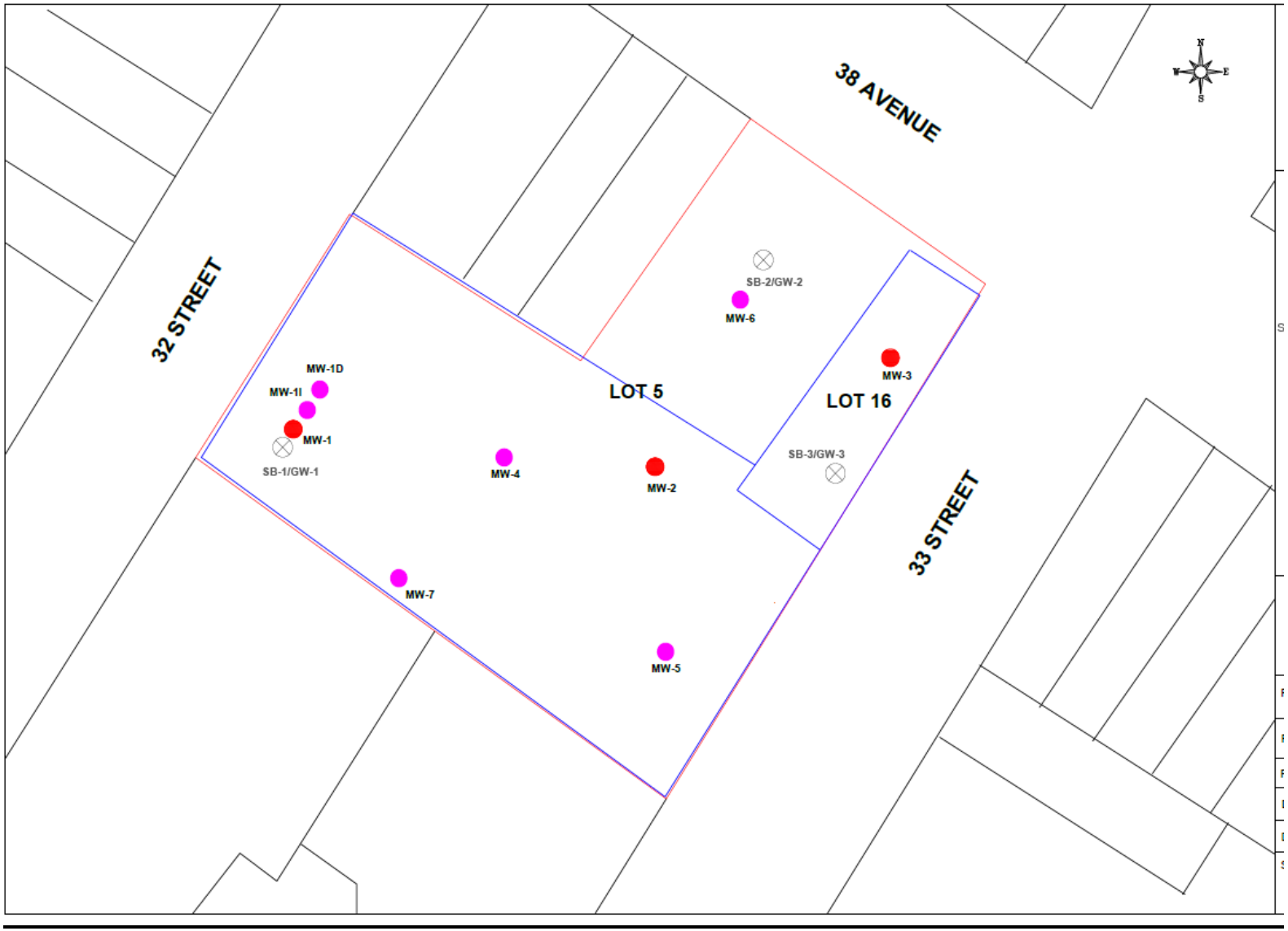
N/A

Planned Activities for the Next Day

Continue collection of groundwater samples.

vEKtor consultants

SITE PLAN WITH LOCATIONS



vEKtor consultants

Photo Log

Photo 1: Photograph of collection of groundwater sample MW-1	
Photo 2: View of groundwater sampling at MW-7	

vEKtor consultants

DAILY STATUS REPORT
Prepared By: David Klein

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Project Name:	Former Refron Inc. Gas Reclamation Site	**Date:**	5/15/2025

Consultant: Vektor Consultants	**Personnel On-Site:** Environmental Consultant – Vektor Consultants

Work Activities Performed:

- Vektor gauged all the monitoring wells prior to sampling. In addition to Depth to Water measurements, Vektor measured the depth to bottom (DTB), and the distance between the top or well casings and the building's slab-on-grade foundation.
- Vektor purged each monitoring well and monitored water quality using a Horiba to confirm that water quality parameters stabilized prior to sampling. Between 1 to 2-gallons of water were purged from the two monitoring wells across the Site prior to sampling. Purge water was initially turbid and brown/cloudy but soon cleared during purging.
- Vektor used a peristaltic pump for groundwater sampling. Vektor purged and sampled all wells at a low-flow rate. Approximately 6-8-gallons of groundwater was collectively purged prior the five onsite monitoring wells prior to sampling. Purged water was appropriately containerized in 55-gallon drums, properly labeled and stored onsite.

Samples Collected

- Groundwater samples collected from monitoring wells: MW-3, and MW-7, plus a duplicate sample MW-DUP-1 were collected and submitted to York Analytical Laboratories, Inc. (York) to be analyzed for TCL volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polycyclic biphenyls (PCBs), pesticides, target analyte list (TAL)/TCL metals plus hexavalent chromium and trivalent chromium, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAs).
- Groundwater samples collected from monitoring wells: MW-2, MW-4, and MW-5 were collected and submitted to York Analytical Laboratories, Inc. (York) to be analyzed for TCL volatile organic compounds (VOCs).
- One trip blank was placed in a cooler full of groundwater samples. The trip blank (TB-2) was provided by the laboratory with a seal around the cap. Vektor submitted the trip blank sample to York to be analyzed for TCL VOCs.
- One field blank (FB-2) was collected and submitted to York to be analyzed for per- and polyfluoroalkyl substances (PFAs). Vektor collected the rinsate blank by running DI water through the decontaminated water quality meter and peristaltic pump and then collecting the water in laboratory supplied glassware.

Community Air Monitoring Program (CAMP)

- No CAMP was performed as no intrusive activities occurred onsite

Problems Encountered

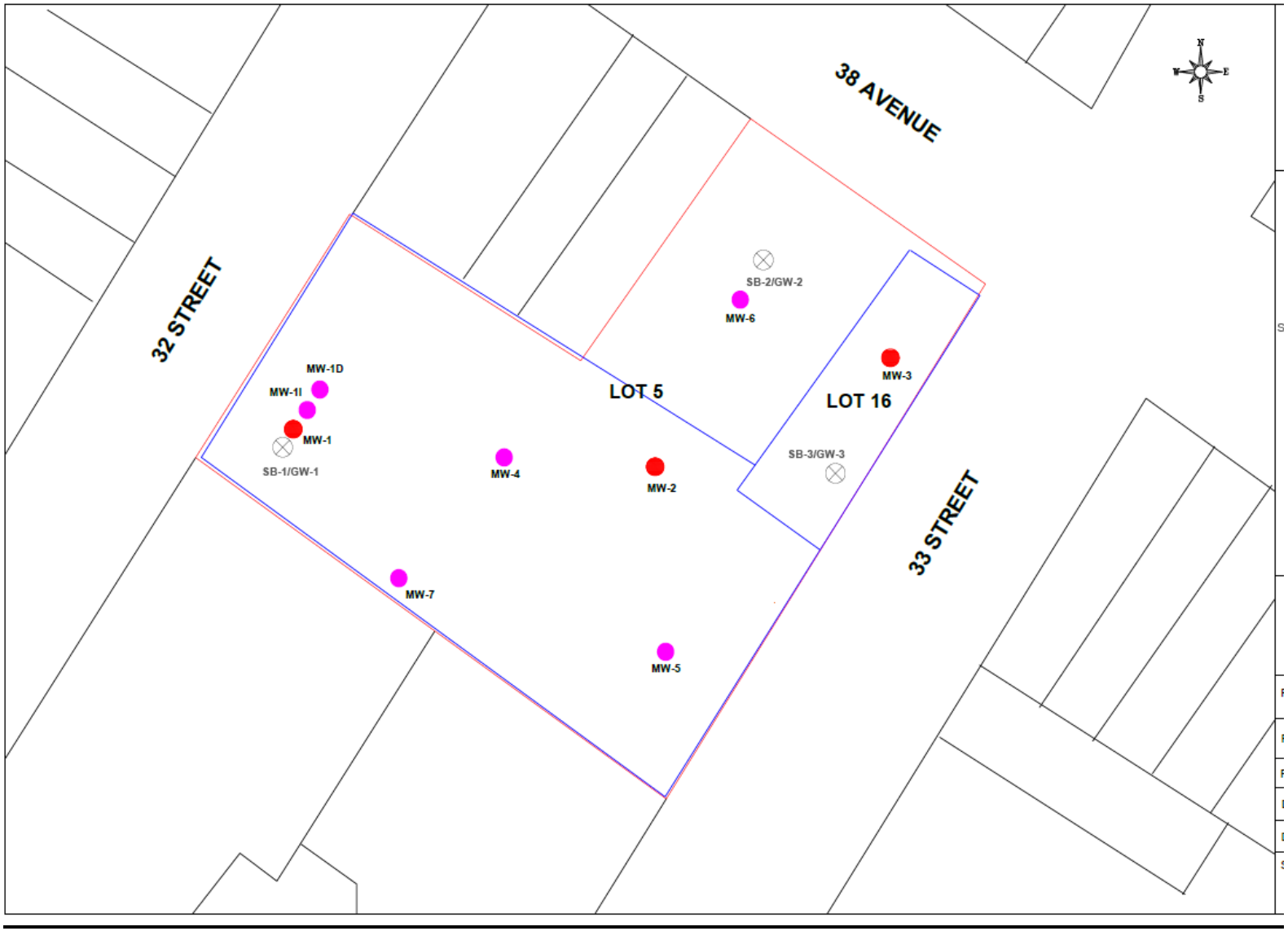
- Wells MW-2, MW-4, and MW-5 did not recharge during sampling. TCL VOCs were collected only, the remaining constituents will have to be collected next mobilization.

Planned Activities for the Next Day

- No activities are planned for the next day

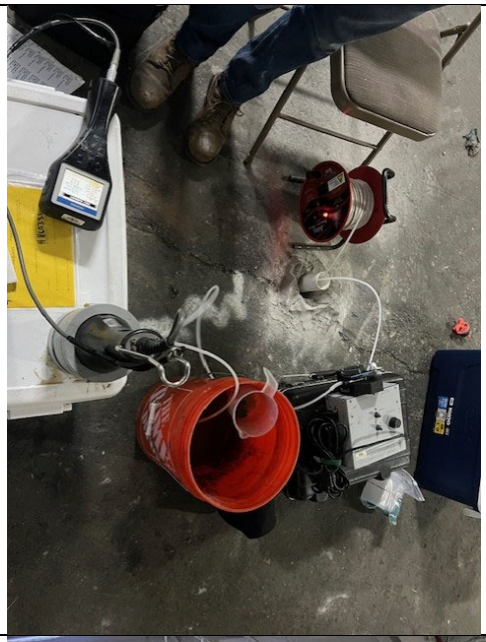
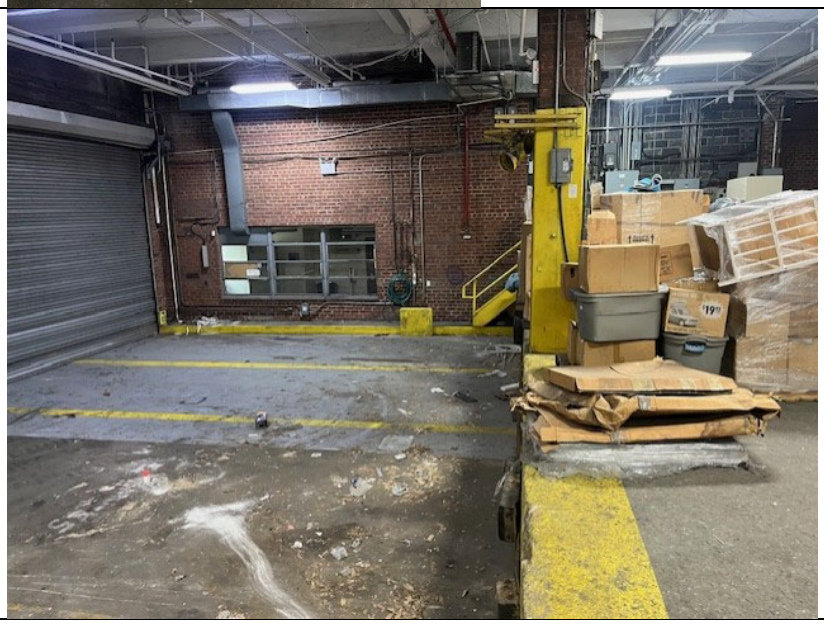
vEKtor consultants

SITE PLAN WITH LOCATIONS



vEKtor consultants

Photo Log

Photo 1: View of groundwater sampling at MW-2	
Photo 2: View of area of well MW-5	

vEKtor consultants

DAILY STATUS REPORT
Prepared By: David Klein

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Project Name:	Former Refron Inc. Gas Reclamation Site	**Date:**	5/27/2025

Consultant: Vektor Consultants	**Personnel On-Site:** Environmental Consultant – Vektor Consultants

Work Activities Performed:

- Coastal utilized a Geoprobe® Model 7822DT air rotary drill rig to advance 4 soil borings: 25SB-16, 25SB-17, 25SV-2-N, and 25SV-2-S to groundwater. Soil samples were collected using 5-foot-long acetate liners which were opened up and inspected, logged and sampled by Vektor immediately after opening each of the 5 ft liners. Soil sampling was conducted by Vektor as described below.

- Vektor inspected the soil recovered from each of the 4 soil borings for visual and olfactory evidence of subsurface impacts. On-site geologist logged soils from grade to groundwater at each boring location describing the physical characteristics of the soil in a dedicated field book. A photoionization detector (PID) was used to field screen the soils. Soil from 0 to 5 feet across the subject property consisted primarily of brown and dark brown fine to medium sand, with little silt with gravel, soil from 5 to 15 feet consisted of primarily brown sand/silt mixtures, with traces of gravel, no odors or PID detections were noted in soil borings. Fill material consisting of brown silt/sand mixtures with brick and concrete was identified at boring locations 25SB-16 from 0 to 2 ft below grade surface (bgs), 25SB-17 from 0 to 2 ft bgs, 25SV-2-S from 0 to 2 ft bgs, and 25SV-2-N from 0 to 2 ft bgs,. Groundwater was identified at boring locations 25SB-16 at 13 feet bgs, 25SB-17 at 14 feet bgs, 25SV-2-S at 14 feet bgs, and 25SV-2-N at 14 feet bgs.

- Coastal used the same drill rig to install two monitoring wells, MW-1I and MW-1D. The 2-inch PVC wells were installed to depth of approximately 25' bgs (MW-1I) and 35' bgs (MW-1D) with the screen set 10 feet above the well bottom. Morrie No. 1 sand was used to fill the annular gap around the screen and above the top of the screened interval. A bentonite seal was installed above the sand, and the remainder of the borehole was backfilled to grade with clean sand

- Monitoring wells MW-1I and MW-1D were developed utilizing a 2-inch whale pump. Approximately 5-gallons were purged from well MW-1I and approximately 10-gallons were purged from well MW-1D, for a total of 15 gallons. The purged water was appropriately containerized in 55-gallon drums, properly labeled and stored onsite.

- Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (2-4'), and the deeper (11-13') interval just above groundwater at 25SB-16. Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (2-4'), and the deeper (11-13') interval just above groundwater at 25SB-17. Soil samples were collected from the shallower (0-2') interval, the intermediate interval just below the fill layer (2-4'), and the deeper (12-14') interval just above groundwater at 25SV-2-S. Additional soil samples were collected at soil boring 25SV-2-S at (10-12') and (14-15'), and at soil boring 25SV-2-N at (10-12'), (12-14') and (14-15'). Soil borings 25SV-2-N and 25SV-2-S were installed approximately 5 feet north and south of soil vapor point 25SV-2

- A total of 14 soil samples were collected from the 4 soil boring locations plus a soil duplicate (DUP-4(0-2')), matrix spike (MS-4), matrix spike duplicate (MSD-4) Field Blank (FB-4), and trip blank (TB-4). The trip blank field blank and soil samples collected from 25SB-16, 25SB-17, 25SV-2-N, and 25SV-2-S were submitted for TCL VOCs analysis.

Samples Collected

- The following additional intervals were sampled as per the Remedial Investigation Work Plan.

Soil Boring ID	Sample Depths (ft)	Vertical Representation
25SB-16	(0-2') (2-4') (12-14')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SB-17	(0-2') (2-4') (11-13')	Shallowest (below slab) Intermediate interval below fill layer Deepest interval above groundwater
25SV-2-S	(0-2') (2-4') (10-12') (12-14') (14-15')	Shallowest (below slab) Intermediate interval below fill layer Intermediate interval just above soil vapor sampling interval Deepest interval above groundwater Interval just below groundwater
25SV-2-N	(10-12') (12-14') (14-15')	Intermediate interval just above soil vapor sampling interval Deepest interval above groundwater Interval just below groundwater
SB-DUP-4 MS-4 MSD-4	(0-2') (11-13') (11-13')	QA/QC

Community Air Monitoring Program (CAMP)

An upwind and downwind CAMP stations were placed in the near the perimeters of Site during intrusive work performed by Coastal. The upwind CAMP station spent most of the time in the southeastern portion of the Site and the downwind CAMP station spent most of the time in the northwestern portion of the Site as the wind was consistently coming from the southeast.

Background Levels (Initial Readings at Start of Day):
PID: 0.0 ppm Dust: 0.036 mg/m^3

Highest Levels:
PID: 0.0ppm Dust: 0.058 mg/m^3

- Upwind CAMP was implemented during drilling and sampling activities. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530173315, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-904064
- Downwind CAMP was implemented during drilling and sampling activities. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530141708, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-925813

- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work area CAMP station.

Problems Encountered

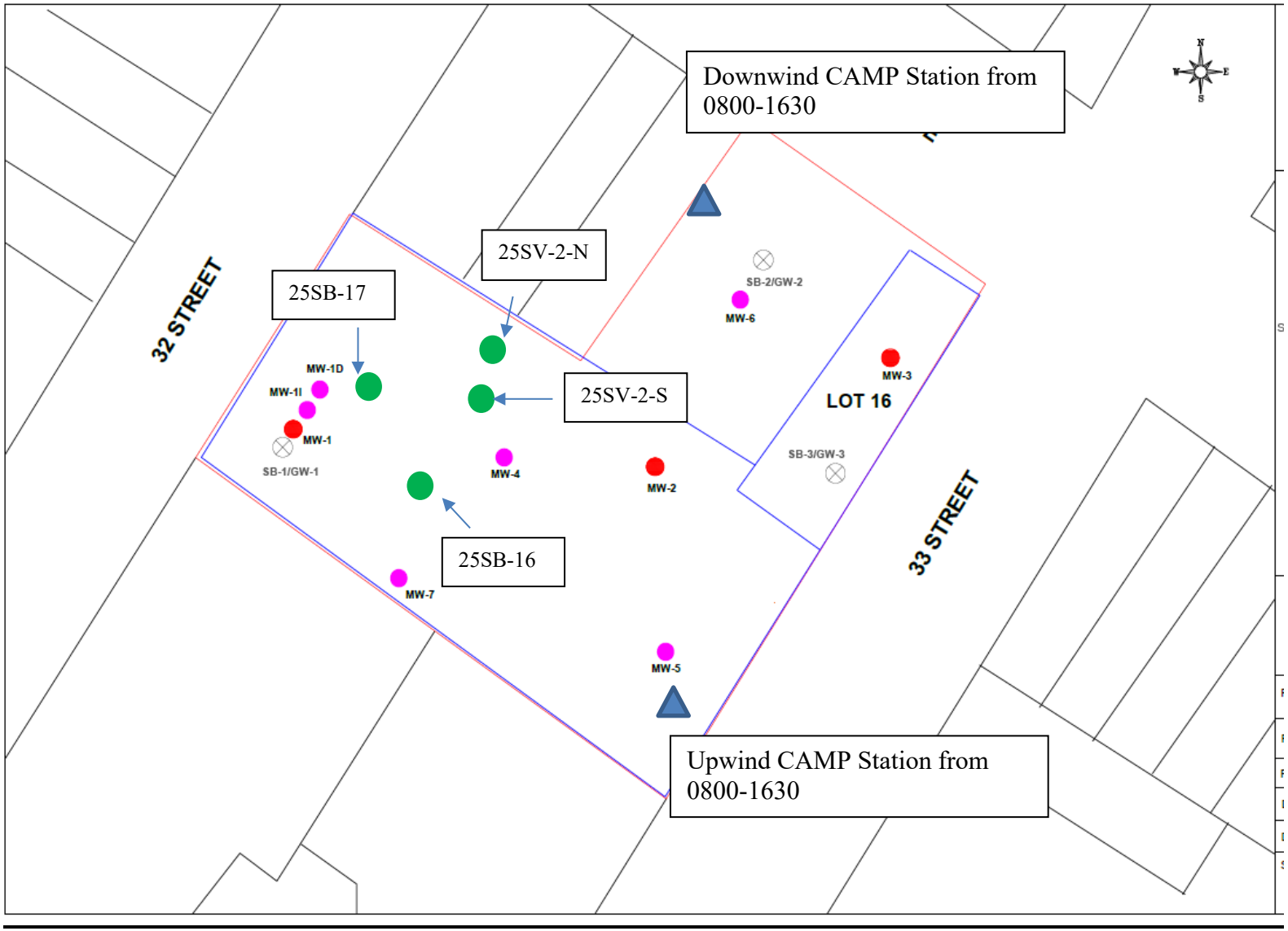
- No problems encountered

Planned Activities for the Next Day

- No activities are planned for the next day

vEKtor consultants

SITE PLAN WITH LOCATIONS



vEKtor consultants

Photo Log

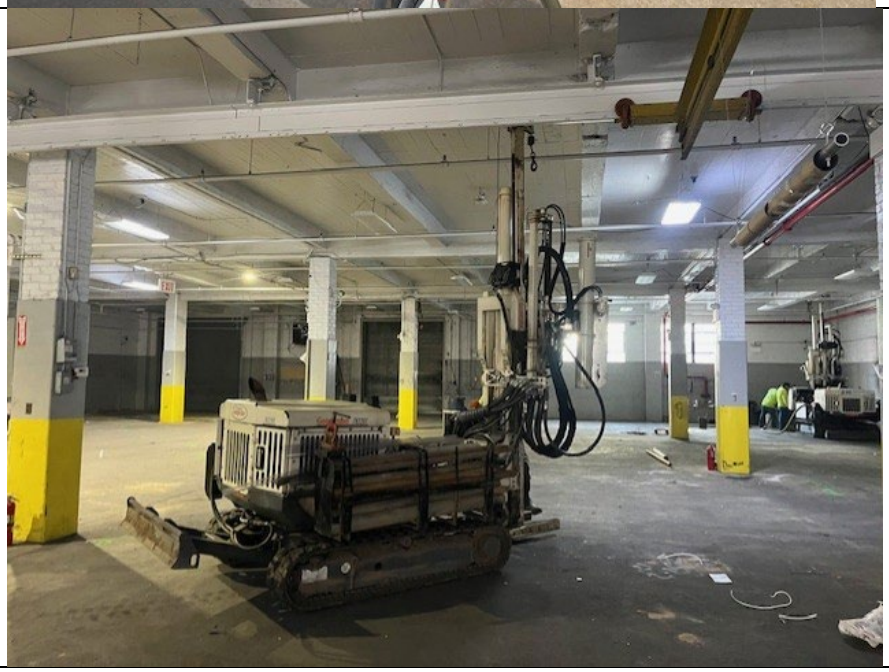
Photo 1: View of downwind CAMP Station	
Photo 2: View of installing soil boring 25SV-2-S	

Photo 3: View of 25SB-16 soil boring from 0 to 15 feet bgs	
Photo 4: View of installed MW-1D	

Site:	Former Refron Inc. Gas Reclamation Site
Location	Upwind
Date	5/27/2025
Summary	No VOCs Detected
Unit Name:	MiniRAE (3000) (PGM-7320)
Serial Number:	592-904064
Running Mode:	Hygiene Mode
Datalog Mode:	Manual
Diagnostic Mode:	No
Stop Reson:	Stop by User
	Time
Begin:	7:56:47 AM
End:	4:26:47 PM
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	250.0
TWA Alarm	100.0
Measurement Gas	Isobutylene
Calibration Time	5/27/2025
Peak	0.0 ppm
Min	0.0 ppm
Average	0.0 ppm

UPWIND DATALOG	
Time	PID (ppm)
8:11:47 AM	0.0
8:26:47 AM	0.0
8:41:47 AM	0.0
8:56:47 AM	0.0
9:11:47 AM	0.0
9:26:47 AM	0.0
9:41:47 AM	0.0
9:56:47 AM	0.0
10:11:47 AM	0.0
10:26:47 AM	0.0
10:41:47 AM	0.0
10:56:47 AM	0.0
11:11:47 AM	0.0
11:26:47 AM	0.0
11:41:47 AM	0.0
11:56:47 AM	0.0
12:11:47 PM	0.0
12:26:47 PM	0.0
12:41:47 PM	0.0
12:56:47 PM	0.0
1:11:47 PM	0.0
1:26:47 PM	0.0
1:41:47 PM	0.0
1:56:47 PM	0.0
2:11:47 PM	0.0
2:26:47 PM	0.0
2:41:47 PM	0.0
2:56:47 PM	0.0
3:11:47 PM	0.0
3:26:47 PM	0.0
3:41:47 PM	0.0
3:56:47 PM	0.0
4:11:47 PM	0.0
4:26:47 PM	0.0

Site:	Former Refron Inc. Gas Reclamation Site
Location	Downwind
Date	5/27/2025
Summary	No VOCs Detected
Unit Name:	MiniRAE (3000) (PGM-7320)
Serial Number:	592-925813
Running Mode:	Hygiene Mode
Datalog Mode:	Manual
Diagnostic Mode:	No
Stop Reson:	Stop by User
	Time
Begin:	7:59:36 AM
End:	4:29:36 PM
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	250.0
TWA Alarm	100.0
Measurement Gas	Isobutylene
Calibration Time	5/27/2025
Peak	0.0 ppm
Min	0.0 ppm
Average	0.0 ppm

DOWNWIND DATALOG	
Time	PID (ppm)
8:14:36 AM	0.0
8:29:36 AM	0.0
8:44:36 AM	0.0
8:59:36 AM	0.0
9:14:36 AM	0.0
9:29:36 AM	0.0
9:44:36 AM	0.0
9:59:36 AM	0.0
10:14:36 AM	0.0
10:29:36 AM	0.0
10:44:36 AM	0.0
10:59:36 AM	0.0
11:14:36 AM	0.0
11:29:36 AM	0.0
11:44:36 AM	0.0
11:59:36 AM	0.0
12:14:36 PM	0.0
12:29:36 PM	0.0
12:44:36 PM	0.0
12:59:36 PM	0.0
1:14:36 PM	0.0
1:29:36 PM	0.0
1:44:36 PM	0.0
1:59:36 PM	0.0
2:14:36 PM	0.0
2:29:36 PM	0.0
2:44:36 PM	0.0
2:59:36 PM	0.0
3:14:36 PM	0.0
3:29:36 PM	0.0
3:44:36 PM	0.0
3:59:36 PM	0.0
4:14:36 PM	0.0
4:29:36 PM	0.0

Site	Former Refron Inc. Gas Reclamation Site
Location	Upwind
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530173315
Firmware Version	3.1
Calibration Date	10/28/2024
Test Start Time	7:57:12 AM
Test Start Date	5/27/2025
Test Length [D:H:M]	0:08:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.032
Mass Minimum [mg/m3]	0.019
Mass Maximum [mg/m3]	0.047
Mass TWA [mg/m3]	0.033
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

UPWIND DATALOG	
Time	Mass [mg/m3]
8:12:12 AM	0.036
8:27:12 AM	0.031
8:42:12 AM	0.027
8:57:12 AM	0.026
9:12:12 AM	0.043
9:27:12 AM	0.028
9:42:12 AM	0.035
9:57:12 AM	0.031
10:12:12 AM	0.034
10:27:12 AM	0.038
10:42:12 AM	0.041
10:57:12 AM	0.047
11:12:12 AM	0.042
11:27:12 AM	0.037
11:42:12 AM	0.032
11:57:12 AM	0.031
12:12:12 PM	0.028
12:27:12 PM	0.024
12:42:12 PM	0.026
12:57:12 PM	0.029
1:12:12 PM	0.032
1:27:12 PM	0.027
1:42:12 PM	0.024
1:57:12 PM	0.022
2:12:12 PM	0.019
2:27:12 PM	0.026
2:42:12 PM	0.027
2:57:12 PM	0.039
3:12:12 PM	0.034
3:27:12 PM	0.044
3:42:12 PM	0.038
3:57:12 PM	0.037
4:12:12 PM	0.028
4:27:12 PM	0.026

Site	Former Refron Inc. Gas Reclamation Site
Location	Downwind
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141708
Firmware Version	3.1
Calibration Date	1/8/2025
Test Start Time	7:55:39 AM
Test Start Date	5/27/2025
Test Length [D:H:M]	0:08:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.04
Mass Minimum [mg/m3]	0.024
Mass Maximum [mg/m3]	0.058
Mass TWA [mg/m3]	0.04
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	34

DOWNWIND DATALOG	
Time	Mass [mg/m3]
8:10:39 AM	0.029
8:25:39 AM	0.033
8:40:39 AM	0.038
8:55:39 AM	0.044
9:10:39 AM	0.041
9:25:39 AM	0.046
9:40:39 AM	0.049
9:55:39 AM	0.042
10:10:39 AM	0.038
10:25:39 AM	0.031
10:40:39 AM	0.029
10:55:39 AM	0.036
11:10:39 AM	0.033
11:25:39 AM	0.028
11:40:39 AM	0.024
11:55:39 AM	0.042
12:10:39 PM	0.037
12:25:39 PM	0.045
12:40:39 PM	0.048
12:55:39 PM	0.052
1:10:39 PM	0.055
1:25:39 PM	0.053
1:40:39 PM	0.058
1:55:39 PM	0.052
2:10:39 PM	0.046
2:25:39 PM	0.038
2:40:39 PM	0.032
2:55:39 PM	0.037
3:10:39 PM	0.035
3:25:39 PM	0.033
3:40:39 PM	0.038
3:55:39 PM	0.042
4:10:39 PM	0.037
4:25:39 PM	0.028

vEKtor consultants

DAILY STATUS REPORT
Prepared By: David Klein

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85	X	>85	

Project Name:	Former Refron Inc. Gas Reclamation Site	**Date:**	6/4/2025

Consultant: Vektor Consultants	**Personnel On-Site:** Environmental Consultant – Vektor Consultants

Work Activities Performed:

- Vektor gauged all the monitoring wells prior to sampling. In addition to Depth to Water measurements, Vektor measured the depth to bottom (DTB), and the distance between the top or well casings and the building's slab-on-grade foundation.
- Vektor purged sampled monitoring well MW-1D and monitored water quality using a Horiba to confirm that water quality parameters stabilized prior to sampling. Between 3 to 5-gallons of water were purged from the one monitoring well at the Site prior to sampling. Purge water was initially turbid and brown/cloudy but soon cleared during purging.
- Vektor used a peristaltic pump for groundwater sampling. Vektor purged and sampled all wells at a low-flow rate. Approximately 3-5-gallons of groundwater was collectively purged prior the one onsite monitoring well prior to sampling. Purged water was appropriately containerized in 55-gallon drums, properly labeled and stored onsite.

Samples Collected

- The groundwater sample collected from monitoring well MW-1D was collected and submitted to York Analytical Laboratories, Inc. (York) to be analyzed for TCL volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polycyclic biphenyls (PCBs), pesticides, target analyte list (TAL)/TCL metals (total and dissolved) plus hexavalent chromium and trivalent chromium, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAS).
- The groundwater sample collected from monitoring well MW-4 was collected and submitted to York Analytical Laboratories, Inc. (York) to be analyzed for TCL semi-volatile organic compounds (SVOCs), polycyclic biphenyls (PCBs), pesticides, target analyte list (TAL)/TCL metals (total and dissolved) plus hexavalent chromium and trivalent chromium, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAS).
- The groundwater sample collected from monitoring well MW-2 was collected and submitted to York Analytical Laboratories, Inc. (York) to be analyzed for TCL semi-volatile organic compounds (SVOCs), polycyclic biphenyls (PCBs), pesticides, target analyte list (TAL)/TCL metals (total and dissolved) plus hexavalent chromium and trivalent chromium, and 1,4-dioxane.
- One trip blank was placed in a cooler full of groundwater samples. The trip blank (TB-4) was provided by the laboratory with a seal around the cap. Vektor submitted the trip blank sample to York to be analyzed for TCL VOCs.
- One field blank (FB-4) was collected and submitted to York to be analyzed for per- and polyfluoroalkyl substances (PFAs). Vektor collected the rinsate blank by running DI water through the decontaminated water quality meter and peristaltic pump and then collecting the water in laboratory supplied glassware.

Community Air Monitoring Program (CAMP)

- No CAMP was performed as no intrusive activities occurred onsite

Problems Encountered

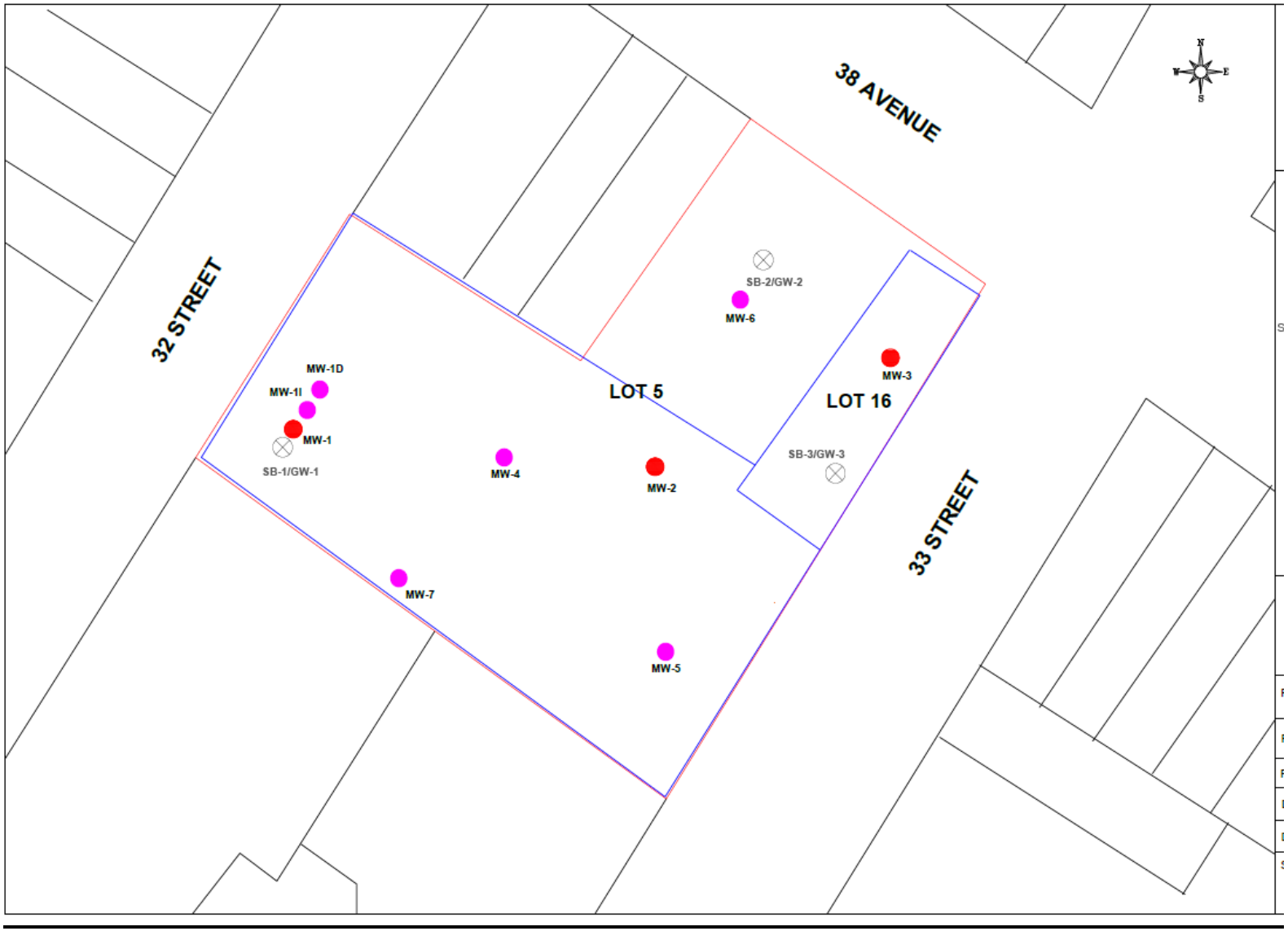
- Prior to this round of sampling, Wells MW-2 and MW-4 did not recharge during sampling. TCL SVOCs, PCBS, Pesticides, TAL/TCL metals, hexavalent chromium and trivalent chromium, and 1,4-dioxane were collected only for MW-2. TCL SVOCs, PCBS, Pesticides, TAL/TCL metals, hexavalent chromium and trivalent chromium, 1,4-dioxane, and PFAS were collected only for MW-4.

Planned Activities for the Next Day

- Groundwater sampling is planned for tomorrow.

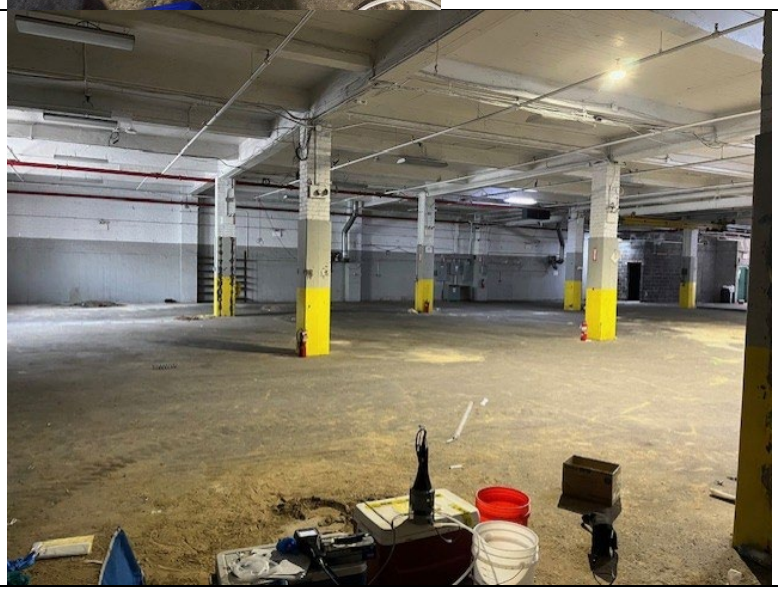
vEKtor consultants

SITE PLAN WITH LOCATIONS



vEKtor consultants

Photo Log

Photo 1: View of groundwater sampling at MW-4	
Photo 2: View of sampling at MW-1D	

vEKtor consultants

DAILY STATUS REPORT
Prepared By: David Klein

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85	X	>85	

Project Name:	Former Refron Inc. Gas Reclamation Site	**Date:**	6/5/2025

Consultant: Vektor Consultants	**Personnel On-Site:** Environmental Consultant – Vektor Consultants

Work Activities Performed:

- Vektor gauged all the monitoring wells prior to sampling. In addition to Depth to Water measurements, Vektor measured the depth to bottom (DTB), and the distance between the top or well casings and the building's slab-on-grade foundation.
- Vektor purged each sampled monitoring well and monitored water quality using a Horiba to confirm that water quality parameters stabilized prior to sampling. Between 2 to 3-gallons of water were purged from the two monitoring wells across the Site prior to sampling. Purge water was initially turbid and brown/cloudy but soon cleared during purging.
- Vektor used a peristaltic pump for groundwater sampling. Vektor purged and sampled all wells at a low-flow rate. Approximately 4-6-gallons of groundwater was collectively purged prior the two onsite monitoring wells prior to sampling. Purged water was appropriately containerized in 55-gallon drums, properly labeled and stored onsite.

Samples Collected

- The groundwater sample collected from monitoring well MW-1I was collected and submitted to York Analytical Laboratories, Inc. (York) to be analyzed for TCL volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polycyclic biphenyls (PCBs), pesticides, target analyte list (TAL)/TCL metals (total and dissolved) plus hexavalent chromium and trivalent chromium, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAS).
- The groundwater sample collected from monitoring well MW-6 was collected and submitted to York Analytical Laboratories, Inc. (York) to be analyzed for TCL volatile organic compounds (VOCs), and TCL semi-volatile organic compounds (SVOCs).
- The groundwater sample collected from monitoring well MW-5 was collected and submitted to York Analytical Laboratories, Inc. (York) to be analyzed for TCL semi-volatile organic compounds (SVOCs), polycyclic biphenyls (PCBs), pesticides, target analyte list (TAL)/TCL metals (total and dissolved) plus hexavalent chromium and trivalent chromium, and 1,4-dioxane.
- One trip blank was placed in a cooler full of groundwater samples. The trip blank (TB-5) was provided by the laboratory with a seal around the cap. Vektor submitted the trip blank sample to York to be analyzed for TCL VOCs.
- One field blank (FB-5) was collected and submitted to York to be analyzed for per- and polyfluoroalkyl substances (PFAs). Vektor collected the rinsate blank by running DI water through the decontaminated water quality meter and peristaltic pump and then collecting the water in laboratory supplied glassware.

Community Air Monitoring Program (CAMP)

- No CAMP was performed as no intrusive activities occurred onsite

Problems Encountered

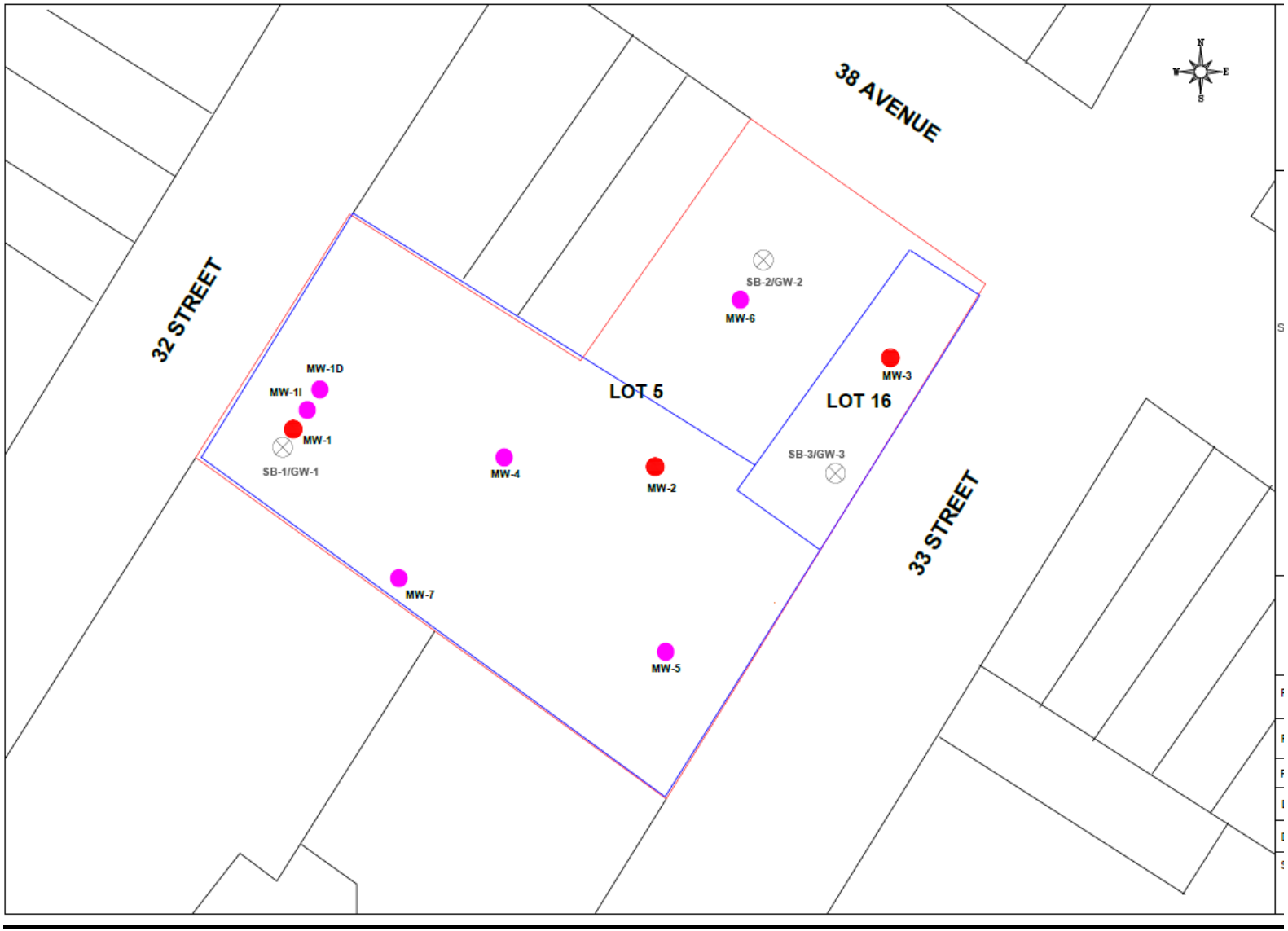
- Prior to this round of sampling, Well MW-5 did not recharge during sampling. TCL SVOCs, PCBS, Pesticides, TAL/TCL metals, hexavalent chromium and trivalent chromium, and 1,4-dioxane were collected only for MW-5.
- Well MW-6 did not recharge during sampling. TCL VOCs and TCL SVOCs were collected only, the remaining constituents will have to be collected next mobilization.

Planned Activities for the Next Day

- No activities are planned for tomorrow.

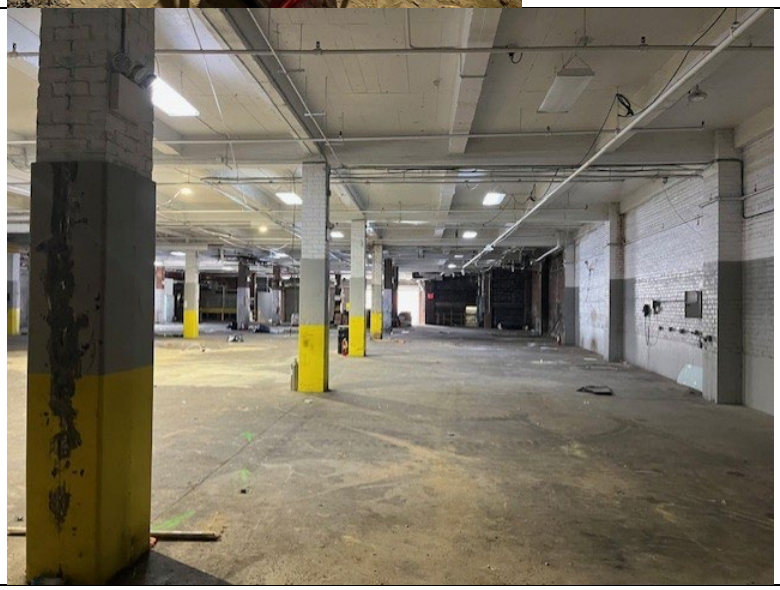
vEKtor consultants

SITE PLAN WITH LOCATIONS



vEKtor consultants

Photo Log

Photo 1: View of groundwater sampling at MW-1I	
Photo 2: View of site looking east	

vEKtor consultants

DAILY STATUS REPORT
Prepared By: David Klein

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Project Name:	Former Refron Inc. Gas Reclamation Site	**Date:**	6/9/2025

Consultant:	**Personnel On-Site:**
Vektor Consultants	Environmental Consultant – Vektor Consultants Surveying Company – Montrose Surveying Company

Work Activities Performed:

- Vektor gauged all the monitoring wells prior to sampling. In addition to Depth to Water measurements, Vektor measured the depth to bottom (DTB), and the distance between the top or well casings and the building's slab-on-grade foundation.
- Vektor used a peristaltic pump for groundwater sampling. No purge water was collected due to the lack of recharge at MW-6.
- Montrose Surveying Company surveyed wells and collecting measurements relative to the North American Vertical Datum of 1988 (NAVD 88).

Samples Collected

- The groundwater sample collected from monitoring well MW-6 was collected and submitted to York Analytical Laboratories, Inc. (York) to be analyzed for target analyte list (TAL)/TCL metals (total and dissolved) plus hexavalent chromium and trivalent chromium and per- and polyfluoroalkyl substances (PFAS)
- One trip blank was placed in a cooler full of groundwater samples. The trip blank (TB-6) was provided by the laboratory with a seal around the cap. Vektor submitted the trip blank sample to York to be analyzed for TCL VOCs.
- One field blank (FB-6) was collected and submitted to York to be analyzed for per- and polyfluoroalkyl substances (PFAs). Vektor collected the rinsate blank by running DI water through the decontaminated water quality meter and peristaltic pump and then collecting the water in laboratory supplied glassware.

Community Air Monitoring Program (CAMP)

- No CAMP was performed as no intrusive activities occurred onsite

Problems Encountered

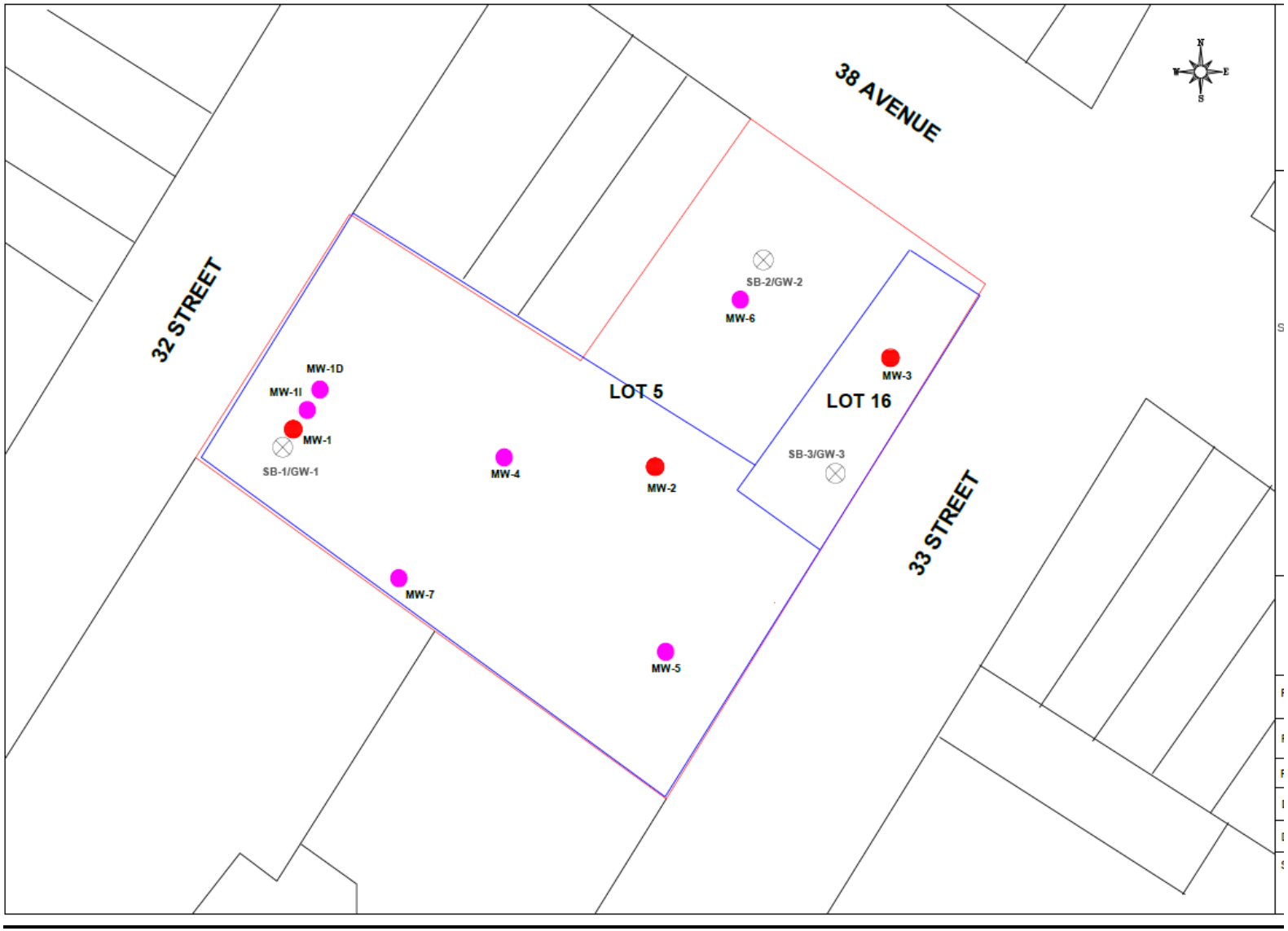
- Prior to this round of sampling, Well MW-6 did not recharge during sampling. TAL/TCL metals, hexavalent chromium and trivalent chromium, and PFAS were collected only for MW-6. The remaining constituents (Pesticides and PCBs) will have to be collected next mobilization.

Planned Activities for the Next Day

- No activities are planned for tomorrow.

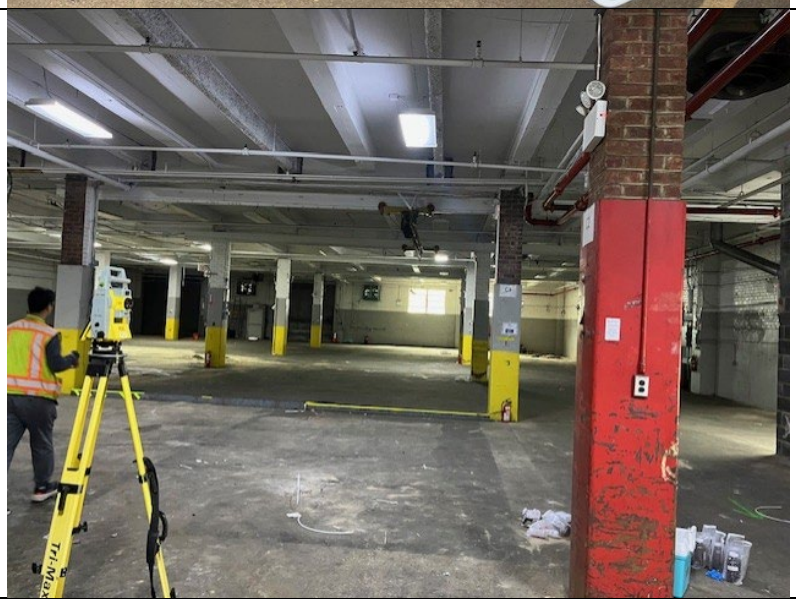
vEKtor consultants

SITE PLAN WITH LOCATIONS



vEKtor consultants

Photo Log

Photo 1: View of groundwater sampling at MW-6	
Photo 2: View of Montrose Surveying Company surveying wells	

APPENDIX G

LABORATORY ANALYTICAL REPORTS & DATA USABILITY SUMMARY REPORT FOR SOIL SAMPLES

LABORATORY ANALYTICAL REPORTS

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 05/14/2025
Client Project ID: 32-20 38th Avenue, Queens New York
York Project (SDG) No.: 25E0127

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/14/2025
Client Project ID: 32-20 38th Avenue, Queens New York
York Project (SDG) No.: 25E0127

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 02, 2025 and listed below. The project was identified as your project: **32-20 38th Avenue, Queens New York**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25E0127-01	25-SB-DUP-1(0-2)	Soil	05/02/2025	05/02/2025
25E0127-02	25SB-2 (0-2)	Soil	05/02/2025	05/02/2025
25E0127-03	25SB-2 (5-7)	Soil	05/02/2025	05/02/2025
25E0127-04	25SB-2 (12.5-14.5)	Soil	05/02/2025	05/02/2025
25E0127-05	25SB-4 (0-2)	Soil	05/02/2025	05/02/2025
25E0127-06	25SB-4 (3-5)	Soil	05/02/2025	05/02/2025
25E0127-07	25SB-4 (11-13)	Soil	05/02/2025	05/02/2025
25E0127-08	25SB-10 (0-2)	Soil	05/02/2025	05/02/2025
25E0127-09	25SB-10 (2-4)	Soil	05/02/2025	05/02/2025
25E0127-10	25SB-10 (11-13)	Soil	05/02/2025	05/02/2025
25E0127-11	FB-1	Water	05/02/2025	05/02/2025
25E0127-12	TB-1	Water	05/02/2025	05/02/2025

General Notes for York Project (SDG) No.: 25E0127

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: **Date:** 05/14/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.365	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.120**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.365	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.435**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.430**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.428**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.364**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.387**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.460**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0853**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	**Di-n-octyl phthalate**	**0.0634**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.777**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.370**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.410**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.750**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.365	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.1 %*	*23-114*

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*48.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*52.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.0 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/13/2025 13:46	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*120 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0586	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.202	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.829	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.834	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.884	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.393	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:18	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:18	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0685	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:18	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:18	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.658	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.672	0.884	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.344	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.272	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:18	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:18	AM

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.701	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:18	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.32	5.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:18	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:18	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.675	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:18	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:18	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.770	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:18	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:18	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*114 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*90.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*73.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*15.9 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*136 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*75.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*116 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*111 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*124 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*146 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*141 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*106 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*136 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*73.6 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.6 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*123 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*73.0 %*		*25-150*

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6260**		mg/kg dry	4.63	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.65**		mg/kg dry	1.39	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**42.8**		mg/kg dry	2.31	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.099**		mg/kg dry	0.047	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.278	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**33500**		mg/kg dry	4.63	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.6**		mg/kg dry	0.464	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.26**		mg/kg dry	0.370	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**33.9**		mg/kg dry	1.85	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**9970**		mg/kg dry	23.2	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**66.2**		mg/kg dry	0.464	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3900**		mg/kg dry	4.64	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**222**		mg/kg dry	0.464	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.5**		mg/kg dry	0.923	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**842**		mg/kg dry	4.64	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.467	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**395**		mg/kg dry	46.3	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.86	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.3**		mg/kg dry	0.923	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**74.8**		mg/kg dry	2.31	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.163**		mg/kg dry	0.0334	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.961**		mg/kg dry	0.556	1	EPA 7196A	05/06/2025 09:07	05/06/2025 16:03	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **25-SB-DUP-1(0-2)** **York Sample ID:** **25E0127-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

16065-83-1	*** Chromium, Trivalent**	**12.6**	mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.0**		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.0540**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.365	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.174**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.365	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.716**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.827**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.699**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.630**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.773**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.0678**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.739**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.170**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**1.14**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.628**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.567**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.18**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.365	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.7 %*	*23-114*

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 12:32	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*116 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0591	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.204	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.192	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.208	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.837	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.843	0.857	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.397	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0692	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.664	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.678	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.347	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.275	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.707	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.682	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.778	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*117 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*115 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.2 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*77.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*45.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*58.2 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*133 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.3 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*108 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*147 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*141 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*106 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*137 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*65.8 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*68.2 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.8 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*52.0 %*	*25-150*

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6470**		mg/kg dry	4.65	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.26**		mg/kg dry	1.39	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**52.6**		mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.107**		mg/kg dry	0.047	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.381**		mg/kg dry	0.279	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**26100**		mg/kg dry	4.65	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.2**		mg/kg dry	0.465	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.02**		mg/kg dry	0.372	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**36.6**		mg/kg dry	1.86	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**10500**		mg/kg dry	23.2	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**66.3**		mg/kg dry	0.465	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3660**		mg/kg dry	4.65	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**214**		mg/kg dry	0.465	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.2**		mg/kg dry	0.926	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**893**		mg/kg dry	4.65	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.469	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**452**		mg/kg dry	46.5	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.86	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.6**		mg/kg dry	0.926	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**78.6**		mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.140**		mg/kg dry	0.0335	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.558	1	EPA 7196A	05/06/2025 09:07	05/06/2025 16:03	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

16065-83-1	* Chromium, Trivalent	16.2	mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.6		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **25SB-2 (5-7)** **York Sample ID:** **25E0127-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*42.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*29.2 %*	*23-114*

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*32.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*38.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.7 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 13:02	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*116 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0561	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.194	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.793	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.799	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.377	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0656	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.629	0.793	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.643	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.329	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.260	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:50	AM

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.671	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.22	5.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.59	5.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.646	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.737	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*117 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*127 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*100 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*74.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*59.0 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*111 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*128 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*115 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*147 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*131 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*95.4 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*140 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.5 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*59.8 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.2 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.7 %*	*25-150*

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2760**		mg/kg dry	4.43	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**13.5**		mg/kg dry	2.21	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.045	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**11500**		mg/kg dry	4.43	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**5.60**		mg/kg dry	0.444	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.79**		mg/kg dry	0.354	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**10.6**		mg/kg dry	1.77	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**6490**		mg/kg dry	22.2	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2.69**		mg/kg dry	0.444	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**7590**		mg/kg dry	4.44	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**154**		mg/kg dry	0.444	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**6.78**		mg/kg dry	0.883	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**359**		mg/kg dry	4.44	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**274**		mg/kg dry	44.3	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.78	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**9.99**		mg/kg dry	0.883	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**16.7**		mg/kg dry	2.21	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0319	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.532	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **25SB-2 (5-7)** **York Sample ID:** **25E0127-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

16065-83-1	*** Chromium, Trivalent**	**5.60**	mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.0**		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **25SB-2 (12.5-14.5)** **York Sample ID:** **25E0127-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.367	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.367	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.367	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*29.3 %*	*23-114*

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*41.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 13:17	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0594	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.201	0.205	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.183	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.164	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.841	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.846	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.897	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.399	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:06	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:06	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0695	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:06	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:06	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.667	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.682	0.897	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.349	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.276	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:06	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:06	AM

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.711	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:06	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.35	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:06	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:06	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.685	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:06	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:06	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.781	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:06	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:06	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*117 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*113 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*122 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*77.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*115 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*116 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*102 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.6 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*94.9 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*124 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*106 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*94.4 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*137 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.5 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.6 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*120 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*72.6 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.6 %*	*25-150*

Sample Information

Client Sample ID: **25SB-2 (12.5-14.5)** **York Sample ID:** **25E0127-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7580**		mg/kg dry	4.67	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.40	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**35.2**		mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1360**		mg/kg dry	4.67	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.467	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.48**		mg/kg dry	0.373	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**14.1**		mg/kg dry	1.87	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**12300**		mg/kg dry	23.3	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2.53**		mg/kg dry	0.467	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3750**		mg/kg dry	4.67	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**268**		mg/kg dry	0.467	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.9**		mg/kg dry	0.930	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1060**		mg/kg dry	4.67	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.471	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**367**		mg/kg dry	46.7	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.87	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.8**		mg/kg dry	0.930	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**29.2**		mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.560	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **25SB-2 (12.5-14.5)** **York Sample ID:** **25E0127-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.9**		mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
							Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.2**		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **25SB-4 (0-2)** **York Sample ID:** **25E0127-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.361	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0561**	J	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0576**	J	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0777**	J	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0468**	J	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0727**	J	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0871**	J	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.361	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*8.48 %*	S-08, S-Alk	*20-108*

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13127-88-3	*Surrogate: SURR: Phenol-d6*	*%*	S-08, S-Alk		*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*38.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*9.48 %*	S-08, S-Alk		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.4 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 13:32	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*98.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0579	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.819	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.825	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0677	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.650	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.664	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.340	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.269	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.693	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.667	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.761	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*101 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*91.2 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*105 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*96.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*76.5 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*105 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*74.3 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*86.6 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*136 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*128 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*95.0 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*126 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.3 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*63.0 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*68.2 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.3 %*	*25-150*

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11300**		mg/kg dry	4.59	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.28**		mg/kg dry	1.38	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**72.9**		mg/kg dry	2.29	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND	M-CCV 1	mg/kg dry	0.046	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**4140**		mg/kg dry	4.59	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**24.1**		mg/kg dry	0.459	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**9.68**		mg/kg dry	0.367	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**31.7**		mg/kg dry	1.84	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**20500**		mg/kg dry	22.9	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**5.25**		mg/kg dry	0.459	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5050**		mg/kg dry	4.59	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**385**		mg/kg dry	0.459	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.9**		mg/kg dry	0.914	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**3190**		mg/kg dry	4.59	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**536**		mg/kg dry	45.9	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.84	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**31.0**		mg/kg dry	0.914	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**50.5**		mg/kg dry	2.28	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0330	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.551	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

16065-83-1	* Chromium, Trivalent	23.6	mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.8		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **25SB-4 (3-5)** **York Sample ID:** **25E0127-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.029**	CCVE	mg/kg dry	0.0055	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.366	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.0 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*%*	S-08	*23-114*

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 13:47	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*110 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.197	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0591	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.204	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.192	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.208	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.837	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.842	0.857	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.397	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0692	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.664	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.678	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.347	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.274	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:38	AM

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.707	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.682	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.778	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*115 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*117 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*116 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*88.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*105 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*111 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*100 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*126 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*116 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*103 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*132 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*74.2 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*51.9 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*129 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*66.0 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*70.9 %*	*25-150*

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5950**		mg/kg dry	4.66	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.40	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**33.6**		mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND	M-CCV 1	mg/kg dry	0.047	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.279	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1640**		mg/kg dry	4.66	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.7**		mg/kg dry	0.466	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.23**		mg/kg dry	0.372	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**12.8**		mg/kg dry	1.86	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**11100**		mg/kg dry	23.3	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2.38**		mg/kg dry	0.466	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3240**		mg/kg dry	4.66	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**269**		mg/kg dry	0.466	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.2**		mg/kg dry	0.928	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1310**		mg/kg dry	4.66	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**439**		mg/kg dry	46.6	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.87	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.9**		mg/kg dry	0.928	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**30.6**		mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0335	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.559	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **25SB-4 (3-5)** **York Sample ID:** **25E0127-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

16065-83-1	*** Chromium, Trivalent**	**14.7**	mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.4**		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **25SB-4 (11-13)** **York Sample ID:** **25E0127-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0098	0.020	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*40.0 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*%*	S-08	*23-114*

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*37.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.9 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.9 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 14:03	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0626	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.211	0.216	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.203	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.197	0.220	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.223	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.225	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.192	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.229	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.472	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.172	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.885	0.897	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.891	0.907	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.129	0.945	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.164	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:55	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.228	0.472	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:55	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0732	0.472	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:55	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.472	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:55	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.185	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.702	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.718	0.945	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.367	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.290	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.205	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.200	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:55	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.146	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:55	AM

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.749	1.18	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.90	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.77	5.90	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.721	2.36	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.823	2.36	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*96.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*79.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*9.96 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*67.4 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*110 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*131 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*118 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*88.1 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*138 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.9 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*67.6 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*121 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*82.0 %*		*25-150*

Sample Information

Client Sample ID: **25SB-4 (11-13)** **York Sample ID:** **25E0127-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7700**		mg/kg dry	4.94	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.47	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.48	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**44.5**		mg/kg dry	2.47	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND	M-CCV 1	mg/kg dry	0.050	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.296	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2730**		mg/kg dry	4.94	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.8**		mg/kg dry	0.494	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.24**		mg/kg dry	0.395	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**16.8**		mg/kg dry	1.98	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**13500**		mg/kg dry	24.7	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.27**		mg/kg dry	0.494	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**4870**		mg/kg dry	4.94	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**273**		mg/kg dry	0.494	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.0**		mg/kg dry	0.984	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1270**		mg/kg dry	4.94	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.47	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.498	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**964**		mg/kg dry	49.4	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.98	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**24.1**		mg/kg dry	0.984	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**36.8**		mg/kg dry	2.46	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0356	1	EPA 7473	05/08/2025 08:15	05/08/2025 16:04	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.593	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **25SB-4 (11-13)** **York Sample ID:** **25E0127-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

16065-83-1	*** Chromium, Trivalent**	**17.8**	mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.4**		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.012**	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.073**		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.117**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0464**	J	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.278**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.352	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.856**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.985**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**1.29**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.839**	CCVE	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.445**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.152**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.913**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.136**	CCVE	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.0521**	J	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**1.53**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0964**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.720**	CCVE	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0549**	J	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.08**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.67**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.352	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.8 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*%*	S-08	*23-114*

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*30.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*32.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*36.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*34.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 14:17	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*94.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.190	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0568	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.196	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.804	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.809	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.382	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0665	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.638	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.652	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.333	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.264	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.680	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.655	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.747	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*107 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*108 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*97.8 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*114 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*103 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*81.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*108 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*105 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*106 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.7 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*105 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*114 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*141 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*142 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*101 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*127 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*46.7 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*63.5 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*59.0 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*62.2 %*	*25-150*

Sample Information

Client Sample ID: **25SB-10 (0-2)** **York Sample ID:** **25E0127-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00487**		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: **PCB-Tot**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
37324-23-5	**Aroclor 1262**	**0.0543**		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	*** Total PCBs**	**0.0543**		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6210**		mg/kg dry	4.48	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.07**		mg/kg dry	1.35	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**190**		mg/kg dry	2.24	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND	M-CCV 1	mg/kg dry	0.045	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.56**		mg/kg dry	0.269	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**7830**		mg/kg dry	4.49	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.0**		mg/kg dry	0.449	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.11**		mg/kg dry	0.358	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**101**		mg/kg dry	1.79	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15200**		mg/kg dry	22.4	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**448**		mg/kg dry	0.449	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2490**		mg/kg dry	4.49	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**236**		mg/kg dry	0.449	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**20.1**		mg/kg dry	0.893	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**968**		mg/kg dry	4.49	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.452	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**159**		mg/kg dry	44.9	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.80	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.8**		mg/kg dry	0.893	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**392**		mg/kg dry	2.23	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.388**		mg/kg dry	0.0323	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.538	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 25SB-10 (0-2)

York Sample ID: 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.0		mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.9		%	0.100	1	SM 2540G	05/07/2025 09:30	05/07/2025 10:40	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.0047**	QL-02, J	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.032**		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0446**	J	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.349	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.109**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.349	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.315**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.290**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.384**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.194**	CCVE	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.147**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.0494**	J	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.331**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.572**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.185**	CCVE	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.371**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.664**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.349	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.2 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*%*	S-08	*23-114*

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.1 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 14:32	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*104 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0562	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.796	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.801	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.378	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0658	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.631	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.645	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.330	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.261	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:59	AM

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.673	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.23	5.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.59	5.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.648	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.740	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*110 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*86.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*87.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*9.51 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*120 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*80.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*102 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*111 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*129 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*154 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*156 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*110 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*140 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*49.3 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*53.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*59.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.6 %*		*25-150*

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6620**		mg/kg dry	4.44	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.81**		mg/kg dry	1.33	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**69.1**		mg/kg dry	2.22	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND	M-CCV 1	mg/kg dry	0.045	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.337**		mg/kg dry	0.266	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3050**		mg/kg dry	4.44	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.0**		mg/kg dry	0.444	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.50**		mg/kg dry	0.355	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**30.7**		mg/kg dry	1.78	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**13500**		mg/kg dry	22.2	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**79.0**		mg/kg dry	0.444	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3920**		mg/kg dry	4.44	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**233**		mg/kg dry	0.444	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.4**		mg/kg dry	0.884	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1370**		mg/kg dry	4.44	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**187**		mg/kg dry	44.4	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.78	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**23.3**		mg/kg dry	0.884	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**128**		mg/kg dry	2.21	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.184**		mg/kg dry	0.0320	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.533	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **25SB-10 (2-4)** **York Sample ID:** **25E0127-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

16065-83-1	*** Chromium, Trivalent**	**17.0**	mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.9**		%	0.100	1	SM 2540G	05/07/2025 09:30	05/07/2025 10:40	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **25SB-10 (11-13)** **York Sample ID:** **25E0127-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.0076**	QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.046**		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.150**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.199**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (11-13)

York Sample ID: 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.356	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.764**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.648**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.972**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.446**	CCVE	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.337**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.114**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.939**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.108**	CCVE	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	**Di-n-butyl phthalate**	**0.0561**	J	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**1.48**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.425**	CCVE	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.788**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.66**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.356	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.8 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*%*	S-08	*23-114*

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 14:48	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.192	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0575	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.813	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.819	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.386	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 18:15	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 18:15	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0672	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 18:15	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 18:15	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.645	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.659	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.337	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.267	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 18:15	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 18:15	AM

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.687	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 18:15	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 18:15	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 18:15	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.662	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 18:15	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 18:15	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.756	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 18:15	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 18:15	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*92.3 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*91.5 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*88.3 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*93.2 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*95.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*72.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.58 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*127 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*48.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*104 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*52.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*63.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*85.8 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*92.2 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*80.2 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*72.9 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*79.9 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.2 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*77.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.3 %*		*25-150*

Sample Information

Client Sample ID: **25SB-10 (11-13)** **York Sample ID:** **25E0127-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7520**		mg/kg dry	4.53	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.26	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.29**		mg/kg dry	1.36	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**66.2**		mg/kg dry	2.26	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.371**		mg/kg dry	0.272	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**7130**		mg/kg dry	4.53	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.6**		mg/kg dry	0.453	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.01**		mg/kg dry	0.362	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**37.9**		mg/kg dry	1.81	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**16600**		mg/kg dry	22.6	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**69.6**		mg/kg dry	0.453	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3740**		mg/kg dry	4.53	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**291**		mg/kg dry	0.453	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.8**		mg/kg dry	0.902	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1320**		mg/kg dry	4.53	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.456	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**187**		mg/kg dry	45.3	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.81	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**25.4**		mg/kg dry	0.902	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**133**		mg/kg dry	2.25	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.138**		mg/kg dry	0.0326	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.543	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **25SB-10 (11-13)** **York Sample ID:** **25E0127-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

16065-83-1	*** Chromium, Trivalent**	**19.6**	mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.0**		%	0.100	1	SM 2540G	05/07/2025 09:30	05/07/2025 10:40	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE	ug/L	0.163	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	ICVE	ug/L	0.119	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	ICVE	ug/L	0.448	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	ug/L	0.372	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	ICVE	ug/L	0.337	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	ICVE	ug/L	0.469	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*79-122*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*20.6 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.2 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.2 %*	*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	05/06/2025 13:24	05/08/2025 13:39	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*104 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.435	1.64	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.324	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.657	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.629	1.69	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.389	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.759	1.72	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.481	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.694	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.05	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.685	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.639	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.731	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	N-EtFOSAA	ND		ng/L	0.953	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.213	3.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.842	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ng/L	1.22	1.79	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.94	7.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.90	7.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.305	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.463	3.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 20:00	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.98	3.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 20:00	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.231	3.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 20:00	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.342	3.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 20:00	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.703	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.66	6.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.99	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.28	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	ng/L	0.648	6.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
919005-14-4	ADONA	ND		ng/L	0.491	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ng/L	0.861	1.80	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 20:00	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ng/L	0.796	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 20:00	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.88	4.63	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 20:00	AM

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.78	23.1	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 20:00	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.77	23.1	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 20:00	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.69	18.5	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 20:00	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.85	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 20:00	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.69	18.5	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 20:00	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.67	1.85	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 20:00	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*133 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*134 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*137 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*132 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*129 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*91.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*73.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.14 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*160 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*77.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*146 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.0 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*100 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*111 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*88.6 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*125 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*125 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*100 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*84.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*127 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*78.4 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*99.1 %*		*25-150*

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**1.02**	M-BS	mg/L	0.0556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**0.0711**		mg/L	0.0556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**0.106**	B	mg/L	0.0556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**0.743**		mg/L	0.556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0356**		mg/L	0.0278	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	ug/L	2.22	1	EPA 6020B	05/05/2025 10:38	05/07/2025 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	2.22	1	EPA 6020B	05/05/2025 10:38	05/07/2025 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.667	1	EPA 6020B	05/05/2025 10:38	05/07/2025 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	1.11	1	EPA 6020B	05/05/2025 10:38	05/07/2025 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	2.22	1	EPA 6020B	05/05/2025 10:38	05/07/2025 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND	M-CCV 1	ug/L	2.22	1	EPA 6020B	05/05/2025 10:38	05/07/2025 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/02/2025 20:48	05/02/2025 21:20	SML
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/08/2025 14:53	05/08/2025 17:41	SL
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc.

E245.1

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	E245.1	05/08/2025 00:00	05/08/2025 13:14	CT007
							Certifications:				

Sample Information

Client Sample ID: TB-1 **York Sample ID:** 25E0127-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 12:00 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB-1 **York Sample ID:** 25E0127-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 12:00 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE	ug/L	0.163	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	ICVE	ug/L	0.119	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	ICVE	ug/L	0.448	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	ug/L	0.372	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB-1 **York Sample ID:** 25E0127-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 12:00 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB-1 **York Sample ID:** 25E0127-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 12:00 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	ICVE	ug/L	0.337	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	ICVE	ug/L	0.469	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*79-122*

Analytical Batch Summary

Batch ID: 783276A **Preparation Method:** SW7470A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-11	FB-1	05/08/25
CT21475-BLK	BLK	05/08/25
CT21475-LCS	LCS	05/08/25

Batch ID: BE50196 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-11	FB-1	05/02/25
BE50196-BLK1	Blank	05/02/25
BE50196-BS1	LCS	05/02/25

Batch ID: BE50288 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-11	FB-1	05/05/25
BE50288-BLK1	Blank	05/05/25
BE50288-BS1	LCS	05/05/25
BE50288-DUP1	Duplicate	05/05/25
BE50288-MS1	Matrix Spike	05/05/25

Batch ID: BE50290 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-11	FB-1	05/05/25
BE50290-BLK1	Blank	05/05/25
BE50290-BS1	LCS	05/05/25

Batch ID: BE50298 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-01	25-SB-DUP-1(0-2)	05/05/25
25E0127-02	25SB-2 (0-2)	05/05/25
25E0127-03	25SB-2 (5-7)	05/05/25
25E0127-04	25SB-2 (12.5-14.5)	05/05/25
25E0127-05	25SB-4 (0-2)	05/05/25
25E0127-06	25SB-4 (3-5)	05/05/25
25E0127-07	25SB-4 (11-13)	05/05/25
25E0127-08	25SB-10 (0-2)	05/05/25
25E0127-09	25SB-10 (2-4)	05/05/25
25E0127-10	25SB-10 (11-13)	05/05/25
BE50298-BLK1	Blank	05/05/25
BE50298-BS1	LCS	05/05/25
BE50298-BS2	LCS	05/05/25

BE50298-MS1	Matrix Spike	05/05/25
BE50298-MSD1	Matrix Spike Dup	05/05/25

Batch ID: BE50359 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-01	25-SB-DUP-1(0-2)	05/06/25
25E0127-02	25SB-2 (0-2)	05/06/25
BE50359-BLK1	Blank	05/06/25
BE50359-SRM1	Reference	05/06/25

Batch ID: BE50386 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-11	FB-1	05/06/25
BE50386-BLK1	Blank	05/06/25
BE50386-BS2	LCS	05/06/25
BE50386-BSD2	LCS Dup	05/06/25

Batch ID: BE50387 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-11	FB-1	05/06/25
BE50387-BLK1	Blank	05/06/25
BE50387-BS1	LCS	05/06/25
BE50387-BSD1	LCS Dup	05/06/25

Batch ID: BE50391 **Preparation Method:** EPA 3535A **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-11	FB-1	05/06/25
BE50391-BLK1	Blank	05/06/25
BE50391-BS1	LCS	05/06/25

Batch ID: BE50403 **Preparation Method:** EPA SW846-3060 **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-03	25SB-2 (5-7)	05/06/25
25E0127-04	25SB-2 (12.5-14.5)	05/06/25
25E0127-05	25SB-4 (0-2)	05/06/25
25E0127-06	25SB-4 (3-5)	05/06/25
25E0127-07	25SB-4 (11-13)	05/06/25
25E0127-08	25SB-10 (0-2)	05/06/25
25E0127-09	25SB-10 (2-4)	05/06/25
25E0127-10	25SB-10 (11-13)	05/06/25
BE50403-BLK1	Blank	05/06/25
BE50403-DUP1	Duplicate	05/06/25
BE50403-MS1	Matrix Spike	05/06/25

BE50403-MSD1	Matrix Spike Dup	05/06/25
BE50403-SRM1	Reference	05/06/25

Batch ID: BE50406 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-01	25-SB-DUP-1(0-2)	05/06/25
25E0127-02	25SB-2 (0-2)	05/06/25
25E0127-03	25SB-2 (5-7)	05/06/25
25E0127-04	25SB-2 (12.5-14.5)	05/06/25
25E0127-05	25SB-4 (0-2)	05/06/25
25E0127-06	25SB-4 (3-5)	05/06/25
25E0127-07	25SB-4 (11-13)	05/06/25
BE50406-BLK1	Blank	05/06/25
BE50406-DUP1	Duplicate	05/06/25
BE50406-MS1	Matrix Spike	05/06/25
BE50406-PS1	Post Spike	05/06/25
BE50406-SRM1	Reference	05/06/25

Batch ID: BE50409 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-08	25SB-10 (0-2)	05/06/25
25E0127-09	25SB-10 (2-4)	05/06/25
25E0127-10	25SB-10 (11-13)	05/06/25
BE50409-BLK1	Blank	05/06/25
BE50409-SRM1	Reference	05/06/25

Batch ID: BE50430 **Preparation Method:** EPA 5035A **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-01	25-SB-DUP-1(0-2)	05/08/25
25E0127-02	25SB-2 (0-2)	05/08/25
25E0127-03	25SB-2 (5-7)	05/08/25
25E0127-04	25SB-2 (12.5-14.5)	05/08/25
25E0127-05	25SB-4 (0-2)	05/08/25
25E0127-06	25SB-4 (3-5)	05/08/25
25E0127-07	25SB-4 (11-13)	05/08/25
25E0127-09	25SB-10 (2-4)	05/08/25
25E0127-10	25SB-10 (11-13)	05/08/25
BE50430-BLK1	Blank	05/08/25
BE50430-BS1	LCS	05/08/25
BE50430-BSD1	LCS Dup	05/08/25
BE50430-MS1	Matrix Spike	05/08/25
BE50430-MSD1	Matrix Spike Dup	05/08/25

Batch ID: BE50434 **Preparation Method:** EPA 5035A **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date

25E0127-08	25SB-10 (0-2)	05/08/25
BE50434-BLK1	Blank	05/08/25
BE50434-BS1	LCS	05/08/25
BE50434-BSD1	LCS Dup	05/08/25

Batch ID: BE50436 **Preparation Method:** % Solids Prep **Prepared By:** MJD

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-01	25-SB-DUP-1(0-2)	05/06/25
25E0127-02	25SB-2 (0-2)	05/06/25
25E0127-03	25SB-2 (5-7)	05/06/25
25E0127-04	25SB-2 (12.5-14.5)	05/06/25
25E0127-05	25SB-4 (0-2)	05/06/25
25E0127-06	25SB-4 (3-5)	05/06/25
25E0127-07	25SB-4 (11-13)	05/06/25
BE50436-DUP1	Duplicate	05/06/25

Batch ID: BE50484 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-08	25SB-10 (0-2)	05/07/25
25E0127-09	25SB-10 (2-4)	05/07/25
25E0127-10	25SB-10 (11-13)	05/07/25

Batch ID: BE50530 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-11	FB-1	05/07/25
BE50530-BLK1	Blank	05/07/25
BE50530-BS1	LCS	05/07/25
BE50530-BS2	LCS	05/07/25

Batch ID: BE50565 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-01	25-SB-DUP-1(0-2)	05/07/25
25E0127-02	25SB-2 (0-2)	05/07/25
25E0127-03	25SB-2 (5-7)	05/07/25
25E0127-04	25SB-2 (12.5-14.5)	05/07/25
25E0127-05	25SB-4 (0-2)	05/07/25
25E0127-06	25SB-4 (3-5)	05/07/25
25E0127-08	25SB-10 (0-2)	05/07/25
25E0127-09	25SB-10 (2-4)	05/07/25
25E0127-10	25SB-10 (11-13)	05/07/25
BE50565-BLK1	Blank	05/07/25
BE50565-DUP1	Duplicate	05/07/25
BE50565-MS1	Matrix Spike	05/07/25
BE50565-SRM1	Reference	05/07/25

Batch ID: BE50578 **Preparation Method:** EPA 7473 soil **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-07	25SB-4 (11-13)	05/08/25
BE50578-BLK1	Blank	05/08/25
BE50578-DUP1	Duplicate	05/08/25
BE50578-MS1	Matrix Spike	05/08/25
BE50578-SRM1	Reference	05/08/25

Batch ID: BE50624 **Preparation Method:** EPA 3510C **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-11	FB-1	05/08/25
BE50624-BLK1	Blank	05/08/25
BE50624-BS1	LCS	05/08/25
BE50624-BSD1	LCS Dup	05/08/25

Batch ID: BE50626 **Preparation Method:** EPA 3510C **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-11	FB-1	05/08/25
BE50626-BLK2	Blank	05/08/25
BE50626-BS2	LCS	05/08/25

Batch ID: BE50646 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-01	25-SB-DUP-1(0-2)	05/08/25
25E0127-02	25SB-2 (0-2)	05/08/25
25E0127-03	25SB-2 (5-7)	05/08/25
25E0127-04	25SB-2 (12.5-14.5)	05/08/25
25E0127-05	25SB-4 (0-2)	05/08/25
25E0127-06	25SB-4 (3-5)	05/08/25
25E0127-07	25SB-4 (11-13)	05/08/25
25E0127-08	25SB-10 (0-2)	05/08/25
25E0127-09	25SB-10 (2-4)	05/08/25
25E0127-10	25SB-10 (11-13)	05/08/25

Batch ID: BE50647 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-11	FB-1	05/08/25

Batch ID: BE50795 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date

25E0127-09	25SB-10 (2-4)	05/10/25
25E0127-10	25SB-10 (11-13)	05/10/25
BE50795-BLK1	Blank	05/10/25
BE50795-BS2	LCS	05/10/25
BE50795-MS2	Matrix Spike	05/10/25
BE50795-MSD2	Matrix Spike Dup	05/10/25

Batch ID: BE50796 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-09	25SB-10 (2-4)	05/10/25
25E0127-10	25SB-10 (11-13)	05/10/25
BE50796-BLK1	Blank	05/10/25
BE50796-BS1	LCS	05/10/25
BE50796-MS1	Matrix Spike	05/10/25
BE50796-MSD1	Matrix Spike Dup	05/10/25

Batch ID: BE50797 **Preparation Method:** EPA 3550C **Prepared By:** GXB

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-02	25SB-2 (0-2)	05/10/25
25E0127-03	25SB-2 (5-7)	05/10/25
25E0127-04	25SB-2 (12.5-14.5)	05/10/25
25E0127-05	25SB-4 (0-2)	05/10/25
25E0127-06	25SB-4 (3-5)	05/10/25
25E0127-07	25SB-4 (11-13)	05/10/25
25E0127-08	25SB-10 (0-2)	05/10/25
25E0127-09	25SB-10 (2-4)	05/10/25
25E0127-10	25SB-10 (11-13)	05/10/25
BE50797-BLK1	Blank	05/10/25
BE50797-BS1	LCS	05/10/25
BE50797-MS1	Matrix Spike	05/10/25
BE50797-MSD1	Matrix Spike Dup	05/10/25

Batch ID: BE50800 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-01	25-SB-DUP-1(0-2)	05/11/25
25E0127-02	25SB-2 (0-2)	05/11/25
25E0127-03	25SB-2 (5-7)	05/11/25
25E0127-04	25SB-2 (12.5-14.5)	05/11/25
25E0127-05	25SB-4 (0-2)	05/11/25
25E0127-06	25SB-4 (3-5)	05/11/25
25E0127-07	25SB-4 (11-13)	05/11/25
25E0127-08	25SB-10 (0-2)	05/11/25
BE50800-BLK2	Blank	05/11/25
BE50800-BS2	LCS	05/11/25
BE50800-MS2	Matrix Spike	05/11/25
BE50800-MSD2	Matrix Spike Dup	05/11/25

Batch ID: BE50801 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-01	25-SB-DUP-1(0-2)	05/11/25
25E0127-02	25SB-2 (0-2)	05/11/25
25E0127-03	25SB-2 (5-7)	05/11/25
25E0127-04	25SB-2 (12.5-14.5)	05/11/25
25E0127-05	25SB-4 (0-2)	05/11/25
25E0127-06	25SB-4 (3-5)	05/11/25
25E0127-07	25SB-4 (11-13)	05/11/25
25E0127-08	25SB-10 (0-2)	05/11/25
BE50801-BLK1	Blank	05/11/25
BE50801-BS1	LCS	05/11/25
BE50801-MS1	Matrix Spike	05/11/25
BE50801-MSD1	Matrix Spike Dup	05/11/25

Batch ID: BE50802 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-01	25-SB-DUP-1(0-2)	05/11/25
BE50802-BLK1	Blank	05/11/25
BE50802-BS1	LCS	05/11/25

Batch ID: BE50803 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-01	25-SB-DUP-1(0-2)	05/11/25
25E0127-02	25SB-2 (0-2)	05/11/25
25E0127-03	25SB-2 (5-7)	05/11/25
25E0127-04	25SB-2 (12.5-14.5)	05/11/25
25E0127-05	25SB-4 (0-2)	05/11/25
25E0127-06	25SB-4 (3-5)	05/11/25
25E0127-07	25SB-4 (11-13)	05/11/25
25E0127-08	25SB-10 (0-2)	05/11/25
25E0127-09	25SB-10 (2-4)	05/11/25
25E0127-10	25SB-10 (11-13)	05/11/25
BE50803-BLK1	Blank	05/11/25
BE50803-BS1	LCS	05/11/25
BE50803-MS1	Matrix Spike	05/11/25
BE50803-MSD1	Matrix Spike Dup	05/11/25

Batch ID: BE51000 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25E0127-11	FB-1	05/09/25
25E0127-12	TB-1	05/09/25
BE51000-BLK1	Blank	05/09/25
BE51000-BS1	LCS	05/09/25

BE51000-BSD1 LCS Dup 05/09/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50430 - EPA 5035A											
Blank (BE50430-BLK1)											Prepared & Analyzed: 05/08/2025
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50430 - EPA 5035A											
Blank (BE50430-BLK1)											Prepared & Analyzed: 05/08/2025
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*ug/L*	*50.0*		*99.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.2*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*56.1*		*"*	*50.0*		*112*	*76-130*				
LCS (BE50430-BS1)											Prepared & Analyzed: 05/08/2025
1,1,1,2-Tetrachloroethane	43.8		ug/L	50.0		87.5	75-129				
1,1,1-Trichloroethane	41.8		"	50.0		83.5	71-137				
1,1,2,2-Tetrachloroethane	58.3		"	50.0		117	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.3		"	50.0		92.7	58-146				
1,1,2-Trichloroethane	45.8		"	50.0		91.5	83-123				
1,1-Dichloroethane	42.9		"	50.0		85.8	75-130				
1,1-Dichloroethylene	48.2		"	50.0		96.5	64-137				
1,2,3-Trichlorobenzene	44.6		"	50.0		89.2	81-140				
1,2,3-Trichloropropane	54.1		"	50.0		108	81-126				
1,2,4-Trichlorobenzene	46.1		"	50.0		92.2	80-141				
1,2,4-Trimethylbenzene	52.7		"	50.0		105	84-125				
1,2-Dibromo-3-chloropropane	45.9		"	50.0		91.8	74-142				
1,2-Dibromoethane	47.5		"	50.0		94.9	86-123				
1,2-Dichlorobenzene	48.5		"	50.0		97.0	85-122				
1,2-Dichloroethane	43.6		"	50.0		87.1	71-133				
1,2-Dichloropropane	47.8		"	50.0		95.5	81-122				
1,3,5-Trimethylbenzene	52.0		"	50.0		104	82-126				
1,3-Dichlorobenzene	48.5		"	50.0		97.0	84-124				
1,4-Dichlorobenzene	48.4		"	50.0		96.8	84-124				
1,4-Dioxane	992		"	1050		94.5	10-228				
2-Butanone	41.6		"	50.0		83.3	58-147				
2-Hexanone	51.6		"	50.0		103	70-139				
4-Methyl-2-pentanone	53.6		"	50.0		107	72-132				
Acetone	41.6		"	50.0		83.2	36-155				
Acrolein	43.2		"	50.0		86.4	10-238				
Acrylonitrile	47.9		"	50.0		95.8	66-141				
Benzene	42.6		"	50.0		85.2	77-127				
Bromochloromethane	46.4		"	50.0		92.8	74-129				
Bromodichloromethane	44.2		"	50.0		88.4	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50430 - EPA 5035A											
LCS (BE50430-BS1)								Prepared & Analyzed: 05/08/2025			
Bromoform	44.9		ug/L	50.0		89.8	80-136				
Bromomethane	46.9		"	50.0		93.7	32-177				
Carbon disulfide	44.4		"	50.0		88.9	10-136				
Carbon tetrachloride	40.5		"	50.0		81.1	66-143				
Chlorobenzene	46.4		"	50.0		92.7	86-120				
Chloroethane	54.1		"	50.0		108	51-142				
Chloroform	41.6		"	50.0		83.2	76-131				
Chloromethane	43.7		"	50.0		87.5	49-132				
cis-1,2-Dichloroethylene	43.4		"	50.0		86.7	74-132				
cis-1,3-Dichloropropylene	46.3		"	50.0		92.7	81-129				
Cyclohexane	41.2		"	50.0		82.4	70-130				
Dibromochloromethane	45.8		"	50.0		91.6	10-200				
Dibromomethane	45.5		"	50.0		91.0	83-124				
Dichlorodifluoromethane	38.3		"	50.0		76.7	28-158				
Ethyl Benzene	47.4		"	50.0		94.8	84-125				
Hexachlorobutadiene	43.6		"	50.0		87.3	83-133				
Isopropylbenzene	53.5		"	50.0		107	81-127				
Methyl acetate	66.4		"	50.0		133	41-143				
Methyl tert-butyl ether (MTBE)	41.0		"	50.0		81.9	74-131				
Methylcyclohexane	46.7		"	50.0		93.3	70-130				
Methylene chloride	40.2		"	50.0		80.5	57-141				
n-Butylbenzene	49.2		"	50.0		98.4	80-130				
n-Propylbenzene	53.1		"	50.0		106	74-136				
o-Xylene	48.1		"	50.0		96.2	83-123				
p- & m- Xylenes	93.2		"	100		93.2	82-128				
p-Isopropyltoluene	49.3		"	50.0		98.5	85-125				
sec-Butylbenzene	50.9		"	50.0		102	83-125				
Styrene	45.8		"	50.0		91.5	86-126				
tert-Butyl alcohol (TBA)	223		"	250		89.1	70-130				
tert-Butylbenzene	43.4		"	50.0		86.7	80-127				
Tetrachloroethylene	34.4		"	50.0		68.8	80-129	Low Bias			
Toluene	46.0		"	50.0		92.1	85-121				
trans-1,2-Dichloroethylene	42.8		"	50.0		85.6	72-132				
trans-1,3-Dichloropropylene	46.2		"	50.0		92.3	78-132				
Trichloroethylene	46.6		"	50.0		93.2	84-123				
Trichlorofluoromethane	46.3		"	50.0		92.7	62-140				
Vinyl Chloride	44.6		"	50.0		89.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.3*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.8*		*"*	*50.0*		*116*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50430 - EPA 5035A											
LCS Dup (BE50430-BSD1)								Prepared & Analyzed: 05/08/2025			
1,1,1,2-Tetrachloroethane	45.6		ug/L	50.0		91.1	75-129		4.03	30	
1,1,1-Trichloroethane	42.7		"	50.0		85.5	71-137		2.34	30	
1,1,2,2-Tetrachloroethane	59.3		"	50.0		119	79-129		1.67	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.0		"	50.0		96.1	58-146		3.60	30	
1,1,2-Trichloroethane	47.2		"	50.0		94.5	83-123		3.23	30	
1,1-Dichloroethane	44.6		"	50.0		89.1	75-130		3.82	30	
1,1-Dichloroethylene	50.2		"	50.0		100	64-137		3.96	30	
1,2,3-Trichlorobenzene	46.8		"	50.0		93.6	81-140		4.88	30	
1,2,3-Trichloropropane	54.3		"	50.0		109	81-126		0.332	30	
1,2,4-Trichlorobenzene	48.6		"	50.0		97.3	80-141		5.36	30	
1,2,4-Trimethylbenzene	54.4		"	50.0		109	84-125		3.17	30	
1,2-Dibromo-3-chloropropane	48.5		"	50.0		97.1	74-142		5.55	30	
1,2-Dibromoethane	48.7		"	50.0		97.3	86-123		2.52	30	
1,2-Dichlorobenzene	49.9		"	50.0		99.8	85-122		2.85	30	
1,2-Dichloroethane	44.8		"	50.0		89.6	71-133		2.83	30	
1,2-Dichloropropane	49.4		"	50.0		98.8	81-122		3.36	30	
1,3,5-Trimethylbenzene	53.2		"	50.0		106	82-126		2.17	30	
1,3-Dichlorobenzene	50.3		"	50.0		101	84-124		3.62	30	
1,4-Dichlorobenzene	49.8		"	50.0		99.7	84-124		2.99	30	
1,4-Dioxane	1040		"	1050		99.3	10-228		5.00	30	
2-Butanone	42.8		"	50.0		85.6	58-147		2.68	30	
2-Hexanone	52.1		"	50.0		104	70-139		1.00	30	
4-Methyl-2-pentanone	55.3		"	50.0		111	72-132		3.12	30	
Acetone	40.9		"	50.0		81.8	36-155		1.70	30	
Acrolein	57.7		"	50.0		115	10-238		28.8	30	
Acrylonitrile	48.9		"	50.0		97.8	66-141		2.00	30	
Benzene	44.0		"	50.0		88.0	77-127		3.26	30	
Bromochloromethane	48.0		"	50.0		96.1	74-129		3.47	30	
Bromodichloromethane	45.8		"	50.0		91.6	81-124		3.56	30	
Bromoform	47.0		"	50.0		94.1	80-136		4.63	30	
Bromomethane	46.6		"	50.0		93.2	32-177		0.599	30	
Carbon disulfide	46.0		"	50.0		91.9	10-136		3.41	30	
Carbon tetrachloride	41.6		"	50.0		83.2	66-143		2.61	30	
Chlorobenzene	47.9		"	50.0		95.7	86-120		3.16	30	
Chloroethane	54.8		"	50.0		110	51-142		1.38	30	
Chloroform	43.0		"	50.0		85.9	76-131		3.17	30	
Chloromethane	36.2		"	50.0		72.3	49-132		19.0	30	
cis-1,2-Dichloroethylene	44.8		"	50.0		89.5	74-132		3.20	30	
cis-1,3-Dichloropropylene	47.9		"	50.0		95.8	81-129		3.33	30	
Cyclohexane	45.2		"	50.0		90.3	70-130		9.15	30	
Dibromochloromethane	46.9		"	50.0		93.9	10-200		2.48	30	
Dibromomethane	46.5		"	50.0		93.0	83-124		2.17	30	
Dichlorodifluoromethane	24.0		"	50.0		47.9	28-158		46.2	30	Non-dir.
Ethyl Benzene	48.7		"	50.0		97.5	84-125		2.77	30	
Hexachlorobutadiene	46.2		"	50.0		92.5	83-133		5.76	30	
Isopropylbenzene	54.4		"	50.0		109	81-127		1.76	30	
Methyl acetate	69.6		"	50.0		139	41-143		4.68	30	
Methyl tert-butyl ether (MTBE)	42.6		"	50.0		85.3	74-131		4.04	30	
Methylcyclohexane	49.7		"	50.0		99.4	70-130		6.31	30	
Methylene chloride	42.1		"	50.0		84.3	57-141		4.56	30	
n-Butylbenzene	51.5		"	50.0		103	80-130		4.65	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50430 - EPA 5035A											
LCS Dup (BE50430-BSD1)								Prepared & Analyzed: 05/08/2025			
n-Propylbenzene	54.4		ug/L	50.0		109	74-136		2.31	30	
o-Xylene	50.1		"	50.0		100	83-123		4.09	30	
p- & m- Xylenes	96.3		"	100		96.3	82-128		3.29	30	
p-Isopropyltoluene	50.7		"	50.0		101	85-125		2.94	30	
sec-Butylbenzene	52.6		"	50.0		105	83-125		3.15	30	
Styrene	47.6		"	50.0		95.1	86-126		3.88	30	
tert-Butyl alcohol (TBA)	234		"	250		93.4	70-130		4.75	30	
tert-Butylbenzene	44.7		"	50.0		89.3	80-127		2.98	30	
Tetrachloroethylene	35.1		"	50.0		70.2	80-129	Low Bias	1.99	30	
Toluene	47.6		"	50.0		95.1	85-121		3.25	30	
trans-1,2-Dichloroethylene	44.1		"	50.0		88.2	72-132		3.04	30	
trans-1,3-Dichloropropylene	47.3		"	50.0		94.5	78-132		2.35	30	
Trichloroethylene	48.1		"	50.0		96.1	84-123		3.13	30	
Trichlorofluoromethane	48.0		"	50.0		96.1	62-140		3.60	30	
Vinyl Chloride	39.8		"	50.0		79.7	52-130		11.3	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.2*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.0*		*"*	*50.0*		*114*	*76-130*				
Matrix Spike (BE50430-MS1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared & Analyzed: 05/08/2025			
1,1,1,2-Tetrachloroethane	42.1		ug/L	50.0	0.00	84.1	15-161				
1,1,1-Trichloroethane	40.7		"	50.0	0.00	81.4	42-145				
1,1,2,2-Tetrachloroethane	54.2		"	50.0	0.00	108	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.6		"	50.0	0.00	101	11-160				
1,1,2-Trichloroethane	44.6		"	50.0	0.00	89.2	44-145				
1,1-Dichloroethane	41.6		"	50.0	0.00	83.2	46-142				
1,1-Dichloroethylene	53.5		"	50.0	0.00	107	30-153				
1,2,3-Trichlorobenzene	39.4		"	50.0	0.00	78.7	10-157				
1,2,3-Trichloropropane	51.8		"	50.0	0.00	104	38-155				
1,2,4-Trichlorobenzene	38.4		"	50.0	0.00	76.9	10-151				
1,2,4-Trimethylbenzene	49.5		"	50.0	0.00	98.9	10-170				
1,2-Dibromo-3-chloropropane	43.8		"	50.0	0.00	87.5	36-138				
1,2-Dibromoethane	45.3		"	50.0	0.00	90.6	40-142				
1,2-Dichlorobenzene	45.3		"	50.0	0.00	90.6	10-147				
1,2-Dichloroethane	42.3		"	50.0	0.00	84.6	48-133				
1,2-Dichloropropane	45.6		"	50.0	0.00	91.2	47-141				
1,3,5-Trimethylbenzene	49.4		"	50.0	0.00	98.8	10-150				
1,3-Dichlorobenzene	44.7		"	50.0	0.00	89.5	10-144				
1,4-Dichlorobenzene	43.7		"	50.0	0.00	87.4	10-160				
1,4-Dioxane	946		"	1050	0.00	90.1	10-191				
2-Butanone	39.7		"	50.0	0.00	79.4	10-189				
2-Hexanone	49.0		"	50.0	0.00	98.1	10-181				
4-Methyl-2-pentanone	51.7		"	50.0	0.00	103	10-166				
Acetone	38.3		"	50.0	1.84	72.9	10-196				
Acrolein	37.9		"	50.0	0.00	75.8	10-192				
Acrylonitrile	44.7		"	50.0	0.00	89.4	13-161				
Benzene	40.9		"	50.0	0.00	81.8	43-139				
Bromochloromethane	44.6		"	50.0	0.00	89.1	38-145				
Bromodichloromethane	42.2		"	50.0	0.00	84.5	38-147				
Bromoform	42.8		"	50.0	0.00	85.6	29-156				
Bromomethane	49.0		"	50.0	0.00	98.0	10-166				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50430 - EPA 5035A											
Matrix Spike (BE50430-MS1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared & Analyzed: 05/08/2025			
Carbon disulfide	47.3		ug/L	50.0	0.00	94.5	10-131				
Carbon tetrachloride	38.6		"	50.0	0.00	77.2	35-145				
Chlorobenzene	44.4		"	50.0	0.00	88.8	21-154				
Chloroethane	66.7		"	50.0	0.00	133	15-160				
Chloroform	40.4		"	50.0	0.00	80.8	47-142				
Chloromethane	41.5		"	50.0	0.00	82.9	10-159				
cis-1,2-Dichloroethylene	41.3		"	50.0	0.00	82.6	42-144				
cis-1,3-Dichloropropylene	42.8		"	50.0	0.00	85.7	18-159				
Cyclohexane	40.3		"	50.0	0.00	80.5	70-130				
Dibromochloromethane	43.5		"	50.0	0.00	86.9	10-179				
Dibromomethane	42.9		"	50.0	0.00	85.8	47-143				
Dichlorodifluoromethane	37.3		"	50.0	0.00	74.6	10-145				
Ethyl Benzene	46.0		"	50.0	0.00	91.9	11-158				
Hexachlorobutadiene	39.4		"	50.0	0.00	78.7	10-158				
Isopropylbenzene	49.7		"	50.0	0.00	99.5	10-162				
Methyl acetate	63.7		"	50.0	0.00	127	10-149				
Methyl tert-butyl ether (MTBE)	38.2		"	50.0	0.00	76.5	42-152				
Methylcyclohexane	44.1		"	50.0	0.00	88.2	70-130				
Methylene chloride	39.3		"	50.0	1.53	75.5	28-151				
n-Butylbenzene	46.8		"	50.0	0.00	93.6	10-162				
n-Propylbenzene	50.1		"	50.0	0.00	100	10-155				
o-Xylene	46.3		"	50.0	0.00	92.6	10-158				
p- & m- Xylenes	90.1		"	100	0.00	90.1	10-156				
p-Isopropyltoluene	45.9		"	50.0	0.00	91.9	10-147				
sec-Butylbenzene	48.9		"	50.0	0.00	97.7	10-157				
Styrene	44.0		"	50.0	0.00	88.0	13-171				
tert-Butyl alcohol (TBA)	201		"	250	0.00	80.2	34-179				
tert-Butylbenzene	41.2		"	50.0	0.00	82.4	10-160				
Tetrachloroethylene	32.6		"	50.0	0.00	65.1	30-167				
Toluene	44.2		"	50.0	0.00	88.5	21-160				
trans-1,2-Dichloroethylene	41.0		"	50.0	0.00	81.9	29-153				
trans-1,3-Dichloropropylene	42.4		"	50.0	0.00	84.7	18-155				
Trichloroethylene	45.9		"	50.0	0.00	91.7	24-169				
Trichlorofluoromethane	50.6		"	50.0	0.00	101	35-142				
Vinyl Chloride	45.7		"	50.0	0.00	91.3	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.6*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.5*		*"*	*50.0*		*111*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50430 - EPA 5035A											
Matrix Spike Dup (BE50430-MSD1)	*Source sample: 25E0127-07 (25SB-4 (11-13))								Prepared & Analyzed: 05/08/2025		
1,1,1,2-Tetrachloroethane	34.6		ug/L	50.0	0.00	69.1	15-161		19.6	33	
1,1,1-Trichloroethane	33.3		"	50.0	0.00	66.7	42-145		19.9	30	
1,1,2,2-Tetrachloroethane	44.3		"	50.0	0.00	88.7	16-167		20.0	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39.3		"	50.0	0.00	78.5	11-160		25.2	31	
1,1,2-Trichloroethane	37.3		"	50.0	0.00	74.7	44-145		17.7	40	
1,1-Dichloroethane	35.6		"	50.0	0.00	71.2	46-142		15.5	36	
1,1-Dichloroethylene	45.4		"	50.0	0.00	90.8	30-153		16.5	31	
1,2,3-Trichlorobenzene	27.8		"	50.0	0.00	55.5	10-157		34.6	47	
1,2,3-Trichloropropane	43.2		"	50.0	0.00	86.3	38-155		18.1	48	
1,2,4-Trichlorobenzene	26.8		"	50.0	0.00	53.6	10-151		35.8	52	
1,2,4-Trimethylbenzene	36.9		"	50.0	0.00	73.8	10-170		29.1	242	
1,2-Dibromo-3-chloropropane	36.8		"	50.0	0.00	73.6	36-138		17.2	54	
1,2-Dibromoethane	37.9		"	50.0	0.00	75.8	40-142		17.8	39	
1,2-Dichlorobenzene	36.8		"	50.0	0.00	73.5	10-147		20.8	52	
1,2-Dichloroethane	36.2		"	50.0	0.00	72.4	48-133		15.6	32	
1,2-Dichloropropane	38.3		"	50.0	0.00	76.6	47-141		17.3	37	
1,3,5-Trimethylbenzene	35.9		"	50.0	0.00	71.8	10-150		31.6	62	
1,3-Dichlorobenzene	35.6		"	50.0	0.00	71.3	10-144		22.7	51	
1,4-Dichlorobenzene	35.4		"	50.0	0.00	70.7	10-160		21.1	52	
1,4-Dioxane	798		"	1050	0.00	76.0	10-191		17.0	196	
2-Butanone	33.8		"	50.0	0.00	67.6	10-189		16.0	67	
2-Hexanone	40.4		"	50.0	0.00	80.9	10-181		19.2	60	
4-Methyl-2-pentanone	43.3		"	50.0	0.00	86.7	10-166		17.7	47	
Acetone	35.1		"	50.0	1.84	66.5	10-196		8.66	150	
Acrolein	33.2		"	50.0	0.00	66.5	10-192		13.1	128	
Acrylonitrile	39.8		"	50.0	0.00	79.5	13-161		11.7	48	
Benzene	34.6		"	50.0	0.00	69.2	43-139		16.7	64	
Bromochloromethane	38.1		"	50.0	0.00	76.2	38-145		15.6	30	
Bromodichloromethane	35.2		"	50.0	0.00	70.4	38-147		18.1	37	
Bromoform	35.5		"	50.0	0.00	71.0	29-156		18.5	51	
Bromomethane	44.5		"	50.0	0.00	88.9	10-166		9.70	42	
Carbon disulfide	40.2		"	50.0	0.00	80.5	10-131		16.1	36	
Carbon tetrachloride	31.7		"	50.0	0.00	63.5	35-145		19.6	31	
Chlorobenzene	36.7		"	50.0	0.00	73.4	21-154		19.0	32	
Chloroethane	60.5		"	50.0	0.00	121	15-160		9.74	40	
Chloroform	34.0		"	50.0	0.00	67.9	47-142		17.2	29	
Chloromethane	36.6		"	50.0	0.00	73.3	10-159		12.3	31	
cis-1,2-Dichloroethylene	35.6		"	50.0	0.00	71.1	42-144		14.9	30	
cis-1,3-Dichloropropylene	36.1		"	50.0	0.00	72.2	18-159		17.1	39	
Cyclohexane	31.2		"	50.0	0.00	62.3	70-130	Low Bias	25.5	30	
Dibromochloromethane	35.8		"	50.0	0.00	71.6	10-179		19.4	41	
Dibromomethane	36.7		"	50.0	0.00	73.5	47-143		15.5	41	
Dichlorodifluoromethane	30.8		"	50.0	0.00	61.5	10-145		19.3	34	
Ethyl Benzene	37.4		"	50.0	0.00	74.7	11-158		20.6	42	
Hexachlorobutadiene	18.5		"	50.0	0.00	37.0	10-158		72.1	45	Non-dir.
Isopropylbenzene	37.4		"	50.0	0.00	74.7	10-162		28.4	57	
Methyl acetate	60.5		"	50.0	0.00	121	10-149		5.22	64	
Methyl tert-butyl ether (MTBE)	31.7		"	50.0	0.00	63.5	42-152		18.6	47	
Methylcyclohexane	29.8		"	50.0	0.00	59.7	70-130	Low Bias	38.5	30	Non-dir.
Methylene chloride	34.6		"	50.0	1.53	66.1	28-151		12.7	49	
n-Butylbenzene	28.6		"	50.0	0.00	57.2	10-162		48.2	96	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50430 - EPA 5035A											
Matrix Spike Dup (BE50430-MSD1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared & Analyzed: 05/08/2025			
n-Propylbenzene	37.4		ug/L	50.0	0.00	74.9	10-155		29.0	56	
o-Xylene	37.5		"	50.0	0.00	75.0	10-158		21.1	51	
p- & m- Xylenes	72.9		"	100	0.00	72.9	10-156		21.1	47	
p-Isopropyltoluene	29.1		"	50.0	0.00	58.2	10-147		44.9	60	
sec-Butylbenzene	31.0		"	50.0	0.00	62.0	10-157		44.8	56	
Styrene	36.4		"	50.0	0.00	72.7	13-171		19.1	39	
tert-Butyl alcohol (TBA)	170		"	250	0.00	67.9	34-179		16.6	35	
tert-Butylbenzene	27.3		"	50.0	0.00	54.6	10-160		40.5	79	
Tetrachloroethylene	26.4		"	50.0	0.00	52.7	30-167		21.1	33	
Toluene	36.8		"	50.0	0.00	73.6	21-160		18.3	50	
trans-1,2-Dichloroethylene	35.4		"	50.0	0.00	70.8	29-153		14.6	30	
trans-1,3-Dichloropropylene	35.9		"	50.0	0.00	71.7	18-155		16.6	30	
Trichloroethylene	39.0		"	50.0	0.00	78.0	24-169		16.1	30	
Trichlorofluoromethane	39.3		"	50.0	0.00	78.5	35-142		25.2	30	
Vinyl Chloride	39.5		"	50.0	0.00	79.0	12-160		14.4	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.3*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.1*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*56.1*		*"*	*50.0*		*112*	*76-130*				
Batch BE50434 - EPA 5035A											
Blank (BE50434-BLK1)								Prepared & Analyzed: 05/08/2025			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50434 - EPA 5035A											
Blank (BE50434-BLK1)											Prepared & Analyzed: 05/08/2025
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.011	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.7*		*"*	*50.0*		*109*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.2*		*"*	*50.0*		*114*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50434 - EPA 5035A											
LCS (BE50434-BS1)								Prepared & Analyzed: 05/08/2025			
1,1,1,2-Tetrachloroethane	39.2		ug/L	50.0		78.3	75-129				
1,1,1-Trichloroethane	47.4		"	50.0		94.9	71-137				
1,1,2,2-Tetrachloroethane	43.9		"	50.0		87.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.5		"	50.0		71.0	58-146				
1,1,2-Trichloroethane	44.0		"	50.0		87.9	83-123				
1,1-Dichloroethane	45.7		"	50.0		91.3	75-130				
1,1-Dichloroethylene	39.3		"	50.0		78.6	64-137				
1,2,3-Trichlorobenzene	50.2		"	50.0		100	81-140				
1,2,3-Trichloropropane	45.0		"	50.0		90.0	81-126				
1,2,4-Trichlorobenzene	50.9		"	50.0		102	80-141				
1,2,4-Trimethylbenzene	41.5		"	50.0		83.0	84-125	Low Bias			
1,2-Dibromo-3-chloropropane	46.9		"	50.0		93.7	74-142				
1,2-Dibromoethane	46.7		"	50.0		93.5	86-123				
1,2-Dichlorobenzene	43.3		"	50.0		86.6	85-122				
1,2-Dichloroethane	44.0		"	50.0		88.0	71-133				
1,2-Dichloropropane	43.8		"	50.0		87.7	81-122				
1,3,5-Trimethylbenzene	43.2		"	50.0		86.4	82-126				
1,3-Dichlorobenzene	39.8		"	50.0		79.7	84-124	Low Bias			
1,4-Dichlorobenzene	46.5		"	50.0		93.0	84-124				
1,4-Dioxane	983		"	1050		93.6	10-228				
2-Butanone	46.7		"	50.0		93.4	58-147				
2-Hexanone	45.1		"	50.0		90.1	70-139				
4-Methyl-2-pentanone	45.2		"	50.0		90.3	72-132				
Acetone	36.4		"	50.0		72.9	36-155				
Acrolein	38.1		"	50.0		76.3	10-238				
Acrylonitrile	48.1		"	50.0		96.3	66-141				
Benzene	42.6		"	50.0		85.3	77-127				
Bromochloromethane	44.5		"	50.0		88.9	74-129				
Bromodichloromethane	42.6		"	50.0		85.2	81-124				
Bromoform	43.9		"	50.0		87.9	80-136				
Bromomethane	35.8		"	50.0		71.6	32-177				
Carbon disulfide	39.5		"	50.0		79.0	10-136				
Carbon tetrachloride	46.8		"	50.0		93.6	66-143				
Chlorobenzene	42.9		"	50.0		85.8	86-120	Low Bias			
Chloroethane	37.7		"	50.0		75.4	51-142				
Chloroform	43.5		"	50.0		87.0	76-131				
Chloromethane	36.8		"	50.0		73.6	49-132				
cis-1,2-Dichloroethylene	46.3		"	50.0		92.7	74-132				
cis-1,3-Dichloropropylene	43.3		"	50.0		86.6	81-129				
Cyclohexane	42.2		"	50.0		84.3	70-130				
Dibromochloromethane	43.9		"	50.0		87.8	10-200				
Dibromomethane	43.6		"	50.0		87.1	83-124				
Dichlorodifluoromethane	37.5		"	50.0		74.9	28-158				
Ethyl Benzene	41.9		"	50.0		83.8	84-125	Low Bias			
Hexachlorobutadiene	50.5		"	50.0		101	83-133				
Isopropylbenzene	44.8		"	50.0		89.7	81-127				
Methyl acetate	63.0		"	50.0		126	41-143				
Methyl tert-butyl ether (MTBE)	49.3		"	50.0		98.6	74-131				
Methylcyclohexane	44.8		"	50.0		89.5	70-130				
Methylene chloride	50.1		"	50.0		100	57-141				
n-Butylbenzene	40.8		"	50.0		81.6	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50434 - EPA 5035A											
LCS (BE50434-BS1)								Prepared & Analyzed: 05/08/2025			
n-Propylbenzene	43.2		ug/L	50.0		86.4	74-136				
o-Xylene	42.4		"	50.0		84.8	83-123				
p- & m- Xylenes	85.8		"	100		85.8	82-128				
p-Isopropyltoluene	40.4		"	50.0		80.8	85-125	Low Bias			
sec-Butylbenzene	44.4		"	50.0		88.8	83-125				
Styrene	40.4		"	50.0		80.8	86-126	Low Bias			
tert-Butyl alcohol (TBA)	278		"	250		111	70-130				
tert-Butylbenzene	44.6		"	50.0		89.2	80-127				
Tetrachloroethylene	39.6		"	50.0		79.2	80-129	Low Bias			
Toluene	43.0		"	50.0		85.9	85-121				
trans-1,2-Dichloroethylene	45.4		"	50.0		90.8	72-132				
trans-1,3-Dichloropropylene	41.5		"	50.0		82.9	78-132				
Trichloroethylene	47.7		"	50.0		95.4	84-123				
Trichlorofluoromethane	39.3		"	50.0		78.6	62-140				
Vinyl Chloride	35.9		"	50.0		71.8	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.6*		*"*	*50.0*		*105*	*76-130*				
LCS Dup (BE50434-BSD1)								Prepared & Analyzed: 05/08/2025			
1,1,1,2-Tetrachloroethane	39.4		ug/L	50.0		78.7	75-129		0.484	30	
1,1,1-Trichloroethane	46.5		"	50.0		93.0	71-137		2.02	30	
1,1,2,2-Tetrachloroethane	43.9		"	50.0		87.8	79-129		0.0228	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39.2		"	50.0		78.3	58-146		9.77	30	
1,1,2-Trichloroethane	44.4		"	50.0		88.8	83-123		0.973	30	
1,1-Dichloroethane	42.1		"	50.0		84.2	75-130		8.11	30	
1,1-Dichloroethylene	37.3		"	50.0		74.6	64-137		5.17	30	
1,2,3-Trichlorobenzene	54.4		"	50.0		109	81-140		8.06	30	
1,2,3-Trichloropropane	44.7		"	50.0		89.4	81-126		0.624	30	
1,2,4-Trichlorobenzene	59.1		"	50.0		118	80-141		15.1	30	
1,2,4-Trimethylbenzene	43.1		"	50.0		86.2	84-125		3.78	30	
1,2-Dibromo-3-chloropropane	43.8		"	50.0		87.6	74-142		6.80	30	
1,2-Dibromoethane	47.3		"	50.0		94.5	86-123		1.15	30	
1,2-Dichlorobenzene	45.1		"	50.0		90.2	85-122		4.09	30	
1,2-Dichloroethane	42.7		"	50.0		85.4	71-133		2.95	30	
1,2-Dichloropropane	42.7		"	50.0		85.5	81-122		2.59	30	
1,3,5-Trimethylbenzene	45.0		"	50.0		90.1	82-126		4.17	30	
1,3-Dichlorobenzene	43.1		"	50.0		86.1	84-124		7.79	30	
1,4-Dichlorobenzene	49.9		"	50.0		99.8	84-124		7.06	30	
1,4-Dioxane	1080		"	1050		103	10-228		9.27	30	
2-Butanone	44.5		"	50.0		88.9	58-147		4.89	30	
2-Hexanone	43.3		"	50.0		86.7	70-139		3.91	30	
4-Methyl-2-pentanone	44.3		"	50.0		88.6	72-132		1.94	30	
Acetone	32.8		"	50.0		65.6	36-155		10.5	30	
Acrolein	36.0		"	50.0		72.1	10-238		5.64	30	
Acrylonitrile	45.6		"	50.0		91.3	66-141		5.35	30	
Benzene	43.6		"	50.0		87.1	77-127		2.13	30	
Bromochloromethane	44.3		"	50.0		88.7	74-129		0.293	30	
Bromodichloromethane	41.5		"	50.0		83.1	81-124		2.52	30	
Bromoform	46.2		"	50.0		92.5	80-136		5.08	30	
Bromomethane	34.8		"	50.0		69.6	32-177		2.83	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50434 - EPA 5035A											
LCS Dup (BE50434-BSD1)								Prepared & Analyzed: 05/08/2025			
Carbon disulfide	38.2		ug/L	50.0		76.4	10-136		3.40	30	
Carbon tetrachloride	46.4		"	50.0		92.9	66-143		0.751	30	
Chlorobenzene	44.3		"	50.0		88.6	86-120		3.28	30	
Chloroethane	36.7		"	50.0		73.4	51-142		2.64	30	
Chloroform	43.6		"	50.0		87.2	76-131		0.161	30	
Chloromethane	33.5		"	50.0		67.0	49-132		9.50	30	
cis-1,2-Dichloroethylene	43.7		"	50.0		87.4	74-132		5.82	30	
cis-1,3-Dichloropropylene	43.0		"	50.0		85.9	81-129		0.811	30	
Cyclohexane	42.8		"	50.0		85.6	70-130		1.46	30	
Dibromochloromethane	44.9		"	50.0		89.7	10-200		2.21	30	
Dibromomethane	43.1		"	50.0		86.2	83-124		1.08	30	
Dichlorodifluoromethane	32.5		"	50.0		65.1	28-158		14.1	30	
Ethyl Benzene	41.9		"	50.0		83.9	84-125	Low Bias	0.0477	30	
Hexachlorobutadiene	54.1		"	50.0		108	83-133		6.89	30	
Isopropylbenzene	45.4		"	50.0		90.8	81-127		1.22	30	
Methyl acetate	60.6		"	50.0		121	41-143		3.79	30	
Methyl tert-butyl ether (MTBE)	45.0		"	50.0		90.0	74-131		9.14	30	
Methylcyclohexane	44.6		"	50.0		89.2	70-130		0.425	30	
Methylene chloride	43.6		"	50.0		87.3	57-141		13.9	30	
n-Butylbenzene	43.4		"	50.0		86.8	80-130		6.15	30	
n-Propylbenzene	44.2		"	50.0		88.5	74-136		2.33	30	
o-Xylene	42.8		"	50.0		85.7	83-123		1.06	30	
p- & m- Xylenes	85.8		"	100		85.8	82-128		0.0117	30	
p-Isopropyltoluene	42.2		"	50.0		84.3	85-125	Low Bias	4.26	30	
sec-Butylbenzene	44.6		"	50.0		89.3	83-125		0.494	30	
Styrene	41.8		"	50.0		83.6	86-126	Low Bias	3.33	30	
tert-Butyl alcohol (TBA)	259		"	250		104	70-130		7.08	30	
tert-Butylbenzene	44.0		"	50.0		88.1	80-127		1.20	30	
Tetrachloroethylene	43.3		"	50.0		86.5	80-129		8.88	30	
Toluene	43.4		"	50.0		86.8	85-121		0.950	30	
trans-1,2-Dichloroethylene	43.0		"	50.0		85.9	72-132		5.46	30	
trans-1,3-Dichloropropylene	41.1		"	50.0		82.3	78-132		0.799	30	
Trichloroethylene	46.5		"	50.0		93.0	84-123		2.50	30	
Trichlorofluoromethane	36.1		"	50.0		72.1	62-140		8.62	30	
Vinyl Chloride	34.8		"	50.0		69.5	52-130		3.17	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51000 - EPA 5030B											
Blank (BE51000-BLK1)											
Prepared: 05/09/2025 Analyzed: 05/10/2025											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51000 - EPA 5030B											
Blank (BE51000-BLK1)								Prepared: 05/09/2025 Analyzed: 05/10/2025			
Naphthalene	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*79-122*				
LCS (BE51000-BS1)								Prepared: 05/09/2025 Analyzed: 05/10/2025			
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126				
1,1,1-Trichloroethane	11.1		"	10.0		111	78-136				
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	54-165				
1,1,2-Trichloroethane	10.8		"	10.0		108	82-123				
1,1-Dichloroethane	11.3		"	10.0		113	82-129				
1,1-Dichloroethylene	12.4		"	10.0		124	68-138				
1,2,3-Trichlorobenzene	7.95		"	10.0		79.5	76-136				
1,2,3-Trichloropropane	10.8		"	10.0		108	77-128				
1,2,4-Trichlorobenzene	8.23		"	10.0		82.3	76-137				
1,2,4-Trimethylbenzene	11.3		"	10.0		113	82-132				
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147				
1,2-Dibromoethane	10.6		"	10.0		106	83-124				
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123				
1,2-Dichloroethane	11.8		"	10.0		118	73-132				
1,2-Dichloropropane	11.3		"	10.0		113	78-126				
1,3,5-Trimethylbenzene	14.2		"	10.0		142	80-131	High Bias			
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122				
1,3-Dichloropropane	11.1		"	10.0		111	81-125				
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124				
1,4-Dioxane	0.00		"	210			10-349	Low Bias			
2-Butanone	11.8		"	10.0		118	49-152				
2-Hexanone	9.42		"	10.0		94.2	51-146				
4-Methyl-2-pentanone	10.5		"	10.0		105	57-145				
Acetone	8.79		"	10.0		87.9	14-150				
Acrolein	9.12		"	10.0		91.2	10-153				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51000 - EPA 5030B											
LCS (BE51000-BS1)								Prepared: 05/09/2025 Analyzed: 05/10/2025			
Acrylonitrile	11.6		ug/L	10.0		116	51-150				
Benzene	11.1		"	10.0		111	85-126				
Bromochloromethane	11.8		"	10.0		118	77-128				
Bromodichloromethane	11.4		"	10.0		114	79-128				
Bromoform	8.38		"	10.0		83.8	78-133				
Bromomethane	10.5		"	10.0		105	43-168				
Carbon disulfide	11.9		"	10.0		119	68-146				
Carbon tetrachloride	11.6		"	10.0		116	77-141				
Chlorobenzene	10.7		"	10.0		107	88-120				
Chloroethane	8.30		"	10.0		83.0	65-136				
Chloroform	11.0		"	10.0		110	82-128				
Chloromethane	8.31		"	10.0		83.1	43-155				
cis-1,2-Dichloroethylene	11.2		"	10.0		112	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Cyclohexane	6.13		"	10.0		61.3	63-149	Low Bias			
Dibromochloromethane	10.8		"	10.0		108	80-130				
Dibromomethane	10.9		"	10.0		109	72-134				
Dichlorodifluoromethane	6.57		"	10.0		65.7	44-144				
Ethyl Benzene	11.6		"	10.0		116	80-131				
Hexachlorobutadiene	8.35		"	10.0		83.5	67-146				
Isopropylbenzene	11.4		"	10.0		114	76-140				
Methyl acetate	7.92		"	10.0		79.2	51-139				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	10.9		"	10.0		109	72-143				
Methylene chloride	11.7		"	10.0		117	55-137				
Naphthalene	8.08		"	10.0		80.8	70-147				
n-Butylbenzene	11.6		"	10.0		116	79-132				
n-Propylbenzene	11.8		"	10.0		118	78-133				
o-Xylene	11.5		"	10.0		115	78-130				
p- & m- Xylenes	23.3		"	20.0		116	77-133				
p-Diethylbenzene	11.6		"	10.0		116	84-134				
p-Ethyltoluene	14.2		"	10.0		142	88-129	High Bias			
p-Isopropyltoluene	12.0		"	10.0		120	81-136				
sec-Butylbenzene	11.3		"	10.0		113	79-137				
Styrene	12.0		"	10.0		120	67-132				
tert-Butyl alcohol (TBA)	39.4		"	50.0		78.9	25-162				
tert-Butylbenzene	9.96		"	10.0		99.6	77-138				
Tetrachloroethylene	9.84		"	10.0		98.4	82-131				
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	11.6		"	10.0		116	80-132				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	78-131				
Trichloroethylene	10.9		"	10.0		109	82-128				
Trichlorofluoromethane	9.24		"	10.0		92.4	67-139				
Vinyl Chloride	7.86		"	10.0		78.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51000 - EPA 5030B											
LCS Dup (BE51000-BSD1)								Prepared: 05/09/2025 Analyzed: 05/10/2025			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		5.39	30	
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136		9.37	30	
1,1,2,2-Tetrachloroethane	11.5		"	10.0		115	76-129		1.56	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165		10.4	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		0.841	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		6.42	30	
1,1-Dichloroethylene	11.1		"	10.0		111	68-138		11.0	30	
1,2,3-Trichlorobenzene	7.65		"	10.0		76.5	76-136		3.85	30	
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128		1.65	30	
1,2,4-Trichlorobenzene	7.77		"	10.0		77.7	76-137		5.75	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		7.43	30	
1,2-Dibromo-3-chloropropane	9.98		"	10.0		99.8	45-147		1.29	30	
1,2-Dibromoethane	10.5		"	10.0		105	83-124		1.23	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		3.77	30	
1,2-Dichloroethane	11.6		"	10.0		116	73-132		1.88	30	
1,2-Dichloropropane	10.7		"	10.0		107	78-126		5.19	30	
1,3,5-Trimethylbenzene	12.9		"	10.0		129	80-131		9.40	30	
1,3-Dichlorobenzene	9.91		"	10.0		99.1	86-122		7.39	30	
1,3-Dichloropropane	10.8		"	10.0		108	81-125		2.55	30	
1,4-Dichlorobenzene	9.89		"	10.0		98.9	85-124		4.93	30	
1,4-Dioxane	0.00		"	210			10-349	Low Bias		30	
2-Butanone	12.1		"	10.0		121	49-152		2.77	30	
2-Hexanone	9.32		"	10.0		93.2	51-146		1.07	30	
4-Methyl-2-pentanone	10.9		"	10.0		109	57-145		4.20	30	
Acetone	8.70		"	10.0		87.0	14-150		1.03	30	
Acrolein	9.49		"	10.0		94.9	10-153		3.98	30	
Acrylonitrile	11.5		"	10.0		115	51-150		0.950	30	
Benzene	10.4		"	10.0		104	85-126		6.14	30	
Bromochloromethane	11.6		"	10.0		116	77-128		2.05	30	
Bromodichloromethane	11.0		"	10.0		110	79-128		3.40	30	
Bromoform	8.40		"	10.0		84.0	78-133		0.238	30	
Bromomethane	9.74		"	10.0		97.4	43-168		7.70	30	
Carbon disulfide	10.6		"	10.0		106	68-146		10.8	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		10.3	30	
Chlorobenzene	10.2		"	10.0		102	88-120		4.40	30	
Chloroethane	7.58		"	10.0		75.8	65-136		9.07	30	
Chloroform	10.4		"	10.0		104	82-128		6.17	30	
Chloromethane	7.35		"	10.0		73.5	43-155		12.3	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		6.05	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131		2.94	30	
Cyclohexane	5.41		"	10.0		54.1	63-149	Low Bias	12.5	30	
Dibromochloromethane	10.5		"	10.0		105	80-130		2.07	30	
Dibromomethane	10.6		"	10.0		106	72-134		2.60	30	
Dichlorodifluoromethane	5.69		"	10.0		56.9	44-144		14.4	30	
Ethyl Benzene	10.7		"	10.0		107	80-131		8.59	30	
Hexachlorobutadiene	7.59		"	10.0		75.9	67-146		9.54	30	
Isopropylbenzene	10.4		"	10.0		104	76-140		8.54	30	
Methyl acetate	7.70		"	10.0		77.0	51-139		2.82	30	
Methyl tert-butyl ether (MTBE)	9.91		"	10.0		99.1	76-135		1.50	30	
Methylcyclohexane	9.51		"	10.0		95.1	72-143		13.8	30	
Methylene chloride	11.2		"	10.0		112	55-137		4.54	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51000 - EPA 5030B											
LCS Dup (BE51000-BSD1)									Prepared: 05/09/2025 Analyzed: 05/10/2025		
Naphthalene	7.94		ug/L	10.0		79.4	70-147		1.75	30	
n-Butylbenzene	10.4		"	10.0		104	79-132		10.4	30	
n-Propylbenzene	10.6		"	10.0		106	78-133		10.8	30	
o-Xylene	10.7		"	10.0		107	78-130		7.40	30	
p- & m- Xylenes	21.4		"	20.0		107	77-133		8.59	30	
p-Diethylbenzene	10.4		"	10.0		104	84-134		10.9	30	
p-Ethyltoluene	12.9		"	10.0		129	88-129		9.40	30	
p-Isopropyltoluene	10.8		"	10.0		108	81-136		10.4	30	
sec-Butylbenzene	10.2		"	10.0		102	79-137		10.4	30	
Styrene	11.3		"	10.0		113	67-132		6.61	30	
tert-Butyl alcohol (TBA)	39.2		"	50.0		78.3	25-162		0.687	30	
tert-Butylbenzene	9.09		"	10.0		90.9	77-138		9.13	30	
Tetrachloroethylene	8.79		"	10.0		87.9	82-131		11.3	30	
Toluene	9.93		"	10.0		99.3	80-127		7.09	30	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132		9.02	30	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131		2.90	30	
Trichloroethylene	10.0		"	10.0		100	82-128		8.40	30	
Trichlorofluoromethane	8.21		"	10.0		82.1	67-139		11.8	30	
Vinyl Chloride	6.88		"	10.0		68.8	58-145		13.3	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50624 - EPA 3510C											
Blank (BE50624-BLK1)											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*16.0*		"	*50.0*		*31.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.85*		"	*50.0*		*17.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*13.3*		"	*25.0*		*53.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.0*		"	*25.0*		*44.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*30.1*		"	*50.0*		*60.2*	*39.3-151*				

Prepared: 05/08/2025 Analyzed: 05/09/2025

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50624 - EPA 3510C											
Blank (BE50624-BLK1)								Prepared: 05/08/2025 Analyzed: 05/09/2025			
Surrogate: SURR: Terphenyl-d14	*17.5*		*ug/L*	*25.0*		*70.1*	*30.7-106*				
LCS (BE50624-BS1)								Prepared: 05/08/2025 Analyzed: 05/09/2025			
1,1-Biphenyl	13.8	5.00	ug/L	25.0		55.1	33-95				
1,2,4,5-Tetrachlorobenzene	11.4	5.00	"	25.0		45.8	26-120				
2,3,4,6-Tetrachlorophenol	21.8	5.00	"	25.0		87.0	30-130				
2,4,5-Trichlorophenol	17.5	5.00	"	25.0		70.1	32-114				
2,4,6-Trichlorophenol	17.6	5.00	"	25.0		70.4	35-118				
2,4-Dichlorophenol	16.3	5.00	"	25.0		65.2	25-116				
2,4-Dimethylphenol	16.6	5.00	"	25.0		66.4	15-116				
2,4-Dinitrophenol	29.7	5.00	"	25.0		119	10-170				
2,4-Dinitrotoluene	21.9	5.00	"	25.0		87.7	41-128				
2,6-Dinitrotoluene	20.0	5.00	"	25.0		80.1	45-116				
2-Chloronaphthalene	13.0	5.00	"	25.0		51.9	33-112				
2-Chlorophenol	14.0	5.00	"	25.0		56.1	15-120				
2-Methylnaphthalene	10.5	5.00	"	25.0		42.0	24-118				
2-Methylphenol	13.3	5.00	"	25.0		53.2	10-110				
2-Nitroaniline	19.6	5.00	"	25.0		78.4	34-129				
2-Nitrophenol	16.9	5.00	"	25.0		67.6	28-118				
3- & 4-Methylphenols	10.5	5.00	"	25.0		42.0	10-107				
3,3-Dichlorobenzidine	13.0	5.00	"	25.0		52.0	15-187				
3-Nitroaniline	15.8	5.00	"	25.0		63.0	24-134				
4,6-Dinitro-2-methylphenol	29.9	5.00	"	25.0		120	10-153				
4-Bromophenyl phenyl ether	17.3	5.00	"	25.0		69.2	34-120				
4-Chloro-3-methylphenol	17.8	5.00	"	25.0		71.2	20-120				
4-Chloroaniline	12.6	5.00	"	25.0		50.6	10-147				
4-Chlorophenyl phenyl ether	15.6	5.00	"	25.0		62.5	27-121				
4-Nitroaniline	17.7	5.00	"	25.0		70.8	13-134				
4-Nitrophenol	8.23	5.00	"	25.0		32.9	10-131				
Acetophenone	15.1	5.00	"	25.0		60.4	25-110				
Benzaldehyde	15.9	5.00	"	25.0		63.7	29-117				
Benzyl butyl phthalate	18.4	5.00	"	25.0		73.6	29-133				
Bis(2-chloroethoxy)methane	14.9	5.00	"	25.0		59.7	10-154				
Bis(2-chloroethyl)ether	13.6	5.00	"	25.0		54.3	17-125				
Bis(2-chloroisopropyl)ether	12.8	5.00	"	25.0		51.1	10-139				
Caprolactam	4.08	5.00	"	25.0		16.3	10-137				
Carbazole	16.9	5.00	"	25.0		67.7	42-126				
Dibenzofuran	14.9	5.00	"	25.0		59.4	36-113				
Diethyl phthalate	18.1	5.00	"	25.0		72.6	38-115				
Dimethyl phthalate	17.7	5.00	"	25.0		70.9	38-129				
Di-n-butyl phthalate	19.0	5.00	"	25.0		75.8	31-120				
Di-n-octyl phthalate	19.4	5.00	"	25.0		77.8	21-149				
Hexachlorocyclopentadiene	9.91	10.0	"	25.0		39.6	10-130				
Isophorone	16.1	5.00	"	25.0		64.4	25-127				
N-nitroso-di-n-propylamine	14.3	5.00	"	25.0		57.1	26-122				
N-Nitrosodiphenylamine	19.1	5.00	"	25.0		76.3	23-149				
Phenol	5.77	5.00	"	25.0		23.1	10-110				
Pyridine	4.87	5.00	"	35.0		13.9	10-90				
Surrogate: SURR: 2-Fluorophenol	*14.7*		*"*	*50.0*		*29.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.66*		*"*	*50.0*		*17.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.9*		*"*	*25.0*		*51.8*	*50.2-113*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50624 - EPA 3510C											
LCS (BE50624-BS1)									Prepared: 05/08/2025 Analyzed: 05/09/2025		
Surrogate: SURR: 2-Fluorobiphenyl	*11.6*		*ug/L*	*25.0*		*46.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*35.4*		*"*	*50.0*		*70.7*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.4*		*"*	*25.0*		*65.8*	*30.7-106*				
LCS Dup (BE50624-BSD1)									Prepared: 05/08/2025 Analyzed: 05/09/2025		
1,1-Biphenyl	13.8	5.00	ug/L	25.0		55.1	33-95		0.0726	20	
1,2,4,5-Tetrachlorobenzene	12.3	5.00	"	25.0		49.2	26-120		7.33	20	
2,3,4,6-Tetrachlorophenol	19.7	5.00	"	25.0		79.0	30-130		9.73	20	
2,4,5-Trichlorophenol	16.8	5.00	"	25.0		67.0	32-114		4.49	20	
2,4,6-Trichlorophenol	16.6	5.00	"	25.0		66.6	35-118		5.55	20	
2,4-Dichlorophenol	15.9	5.00	"	25.0		63.5	25-116		2.67	20	
2,4-Dimethylphenol	16.8	5.00	"	25.0		67.2	15-116		1.08	20	
2,4-Dinitrophenol	30.7	5.00	"	25.0		123	10-170		3.34	20	
2,4-Dinitrotoluene	19.8	5.00	"	25.0		79.3	41-128		10.1	20	
2,6-Dinitrotoluene	19.0	5.00	"	25.0		75.9	45-116		5.44	20	
2-Chloronaphthalene	13.2	5.00	"	25.0		53.0	33-112		1.98	20	
2-Chlorophenol	14.3	5.00	"	25.0		57.2	15-120		1.98	20	
2-Methylnaphthalene	10.7	5.00	"	25.0		42.8	24-118		1.98	20	
2-Methylphenol	13.5	5.00	"	25.0		53.9	10-110		1.42	20	
2-Nitroaniline	19.2	5.00	"	25.0		76.7	34-129		2.27	20	
2-Nitrophenol	17.9	5.00	"	25.0		71.7	28-118		5.91	20	
3- & 4-Methylphenols	10.7	5.00	"	25.0		43.0	10-107		2.16	20	
3,3-Dichlorobenzidine	11.9	5.00	"	25.0		47.5	15-187		9.09	20	
3-Nitroaniline	14.0	5.00	"	25.0		56.0	24-134		11.8	20	
4,6-Dinitro-2-methylphenol	28.5	5.00	"	25.0		114	10-153		4.96	20	
4-Bromophenyl phenyl ether	16.0	5.00	"	25.0		64.0	34-120		7.87	20	
4-Chloro-3-methylphenol	17.3	5.00	"	25.0		69.4	20-120		2.62	20	
4-Chloroaniline	11.3	5.00	"	25.0		45.3	10-147		11.1	20	
4-Chlorophenyl phenyl ether	14.8	5.00	"	25.0		59.2	27-121		5.46	20	
4-Nitroaniline	16.7	5.00	"	25.0		66.9	13-134		5.69	20	
4-Nitrophenol	8.63	5.00	"	25.0		34.5	10-131		4.74	20	
Acetophenone	15.6	5.00	"	25.0		62.5	25-110		3.45	20	
Benzaldehyde	15.7	5.00	"	25.0		62.9	29-117		1.26	20	
Benzyl butyl phthalate	17.9	5.00	"	25.0		71.4	29-133		3.03	20	
Bis(2-chloroethoxy)methane	15.2	5.00	"	25.0		60.8	10-154		1.79	20	
Bis(2-chloroethyl)ether	13.7	5.00	"	25.0		54.6	17-125		0.661	20	
Bis(2-chloroisopropyl)ether	13.6	5.00	"	25.0		54.3	10-139		6.07	20	
Caprolactam	4.04	5.00	"	25.0		16.2	10-137		0.985	20	
Carbazole	15.0	5.00	"	25.0		60.0	42-126		12.2	20	
Dibenzofuran	14.1	5.00	"	25.0		56.3	36-113		5.46	20	
Diethyl phthalate	16.8	5.00	"	25.0		67.3	38-115		7.55	20	
Dimethyl phthalate	17.2	5.00	"	25.0		68.8	38-129		3.04	20	
Di-n-butyl phthalate	17.2	5.00	"	25.0		69.0	31-120		9.39	20	
Di-n-octyl phthalate	17.6	5.00	"	25.0		70.4	21-149		9.99	20	
Hexachlorocyclopentadiene	10.9	10.0	"	25.0		43.4	10-130		9.15	20	
Isophorone	15.8	5.00	"	25.0		63.0	25-127		2.26	20	
N-nitroso-di-n-propylamine	13.9	5.00	"	25.0		55.7	26-122		2.48	20	
N-Nitrosodiphenylamine	18.2	5.00	"	25.0		72.9	23-149		4.61	20	
Phenol	5.77	5.00	"	25.0		23.1	10-110		0.00	20	
Pyridine	5.76	5.00	"	35.0		16.5	10-90		16.7	20	
Surrogate: SURR: 2-Fluorophenol	*14.2*		*"*	*50.0*		*28.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

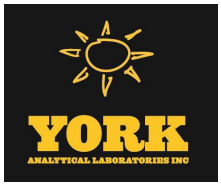
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50624 - EPA 3510C											
LCS Dup (BE50624-BSD1)											Prepared: 05/08/2025 Analyzed: 05/09/2025
Surrogate: SURR: Phenol-d6	*8.52*		*ug/L*	*50.0*		*17.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*13.4*		*"*	*25.0*		*53.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.9*		*"*	*25.0*		*47.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*32.9*		*"*	*50.0*		*65.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.0*		*"*	*25.0*		*64.0*	*30.7-106*				
Batch BE50626 - EPA 3510C											
Blank (BE50626-BLK2)											Prepared: 05/08/2025 Analyzed: 05/09/2025
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	0.810	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50626 - EPA 3510C											
LCS (BE50626-BS2)								Prepared: 05/08/2025 Analyzed: 05/09/2025			
Acenaphthene	0.710	0.0500	ug/L	1.00		71.0	25-116				
Acenaphthylene	0.750	0.0500	"	1.00		75.0	26-116				
Anthracene	0.690	0.0500	"	1.00		69.0	25-123				
Benzo(a)anthracene	0.790	0.0500	"	1.00		79.0	33-125				
Benzo(a)pyrene	0.730	0.0500	"	1.00		73.0	32-132				
Benzo(b)fluoranthene	0.890	0.0500	"	1.00		89.0	22-137				
Benzo(g,h,i)perylene	0.910	0.0500	"	1.00		91.0	10-138				
Benzo(k)fluoranthene	0.860	0.0500	"	1.00		86.0	20-137				
Bis(2-ethylhexyl)phthalate	0.900	0.500	"	1.00		90.0	10-189				
Chrysene	0.800	0.0500	"	1.00		80.0	32-124				
Dibenzo(a,h)anthracene	0.890	0.0500	"	1.00		89.0	16-133				
Fluoranthene	0.820	0.0500	"	1.00		82.0	32-121				
Fluorene	0.780	0.0500	"	1.00		78.0	28-118				
Hexachlorobenzene	0.820	0.0200	"	1.00		82.0	23-124				
Hexachlorobutadiene	0.520	0.500	"	1.00		52.0	15-123				
Hexachloroethane	2.82	0.500	"	1.00		282	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.870	0.0500	"	1.00		87.0	15-135				
Naphthalene	0.680	0.0500	"	1.00		68.0	18-120				
Nitrobenzene	0.420	0.250	"	1.00		42.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	2.90	0.250	"	1.00		290	10-156	High Bias			
Phenanthrene	0.770	0.0500	"	1.00		77.0	24-127				
Pyrene	0.810	0.0500	"	1.00		81.0	31-132				
Batch BE50797 - EPA 3550C											
Blank (BE50797-BLK1)								Prepared: 05/10/2025 Analyzed: 05/12/2025			
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50797 - EPA 3550C											
Blank (BE50797-BLK1)											
4,6-Dinitro-2-methylphenol	ND	0.0833	mg/kg wet								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								

Prepared: 05/10/2025 Analyzed: 05/12/2025

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50797 - EPA 3550C											
Blank (BE50797-BLK1)											Prepared: 05/10/2025 Analyzed: 05/12/2025
Phenol	ND	0.0417	mg/kg wet								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*1.19*		"	*1.67*		*71.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.02*		"	*1.67*		*61.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.613*		"	*0.833*		*73.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.560*		"	*0.833*		*67.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.54*		"	*1.67*		*92.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.884*		"	*0.833*		*106*	*24-116*				
LCS (BE50797-BS1)											Prepared: 05/10/2025 Analyzed: 05/12/2025
1,1-Biphenyl	0.617	0.0417	mg/kg wet	0.833		74.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.593	0.0833	"	0.833		71.2	21-131				
1,2,4-Trichlorobenzene	0.599	0.0417	"	0.833		71.8	10-140				
1,2-Dichlorobenzene	0.564	0.0417	"	0.833		67.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.715	0.0417	"	0.833		85.8	17-137				
1,3-Dichlorobenzene	0.549	0.0417	"	0.833		65.9	33-110				
1,4-Dichlorobenzene	0.537	0.0417	"	0.833		64.4	32-104				
2,3,4,6-Tetrachlorophenol	0.770	0.0833	"	0.833		92.4	30-130				
2,4,5-Trichlorophenol	0.660	0.0417	"	0.833		79.2	27-118				
2,4,6-Trichlorophenol	0.655	0.0417	"	0.833		78.6	31-120				
2,4-Dichlorophenol	0.663	0.0417	"	0.833		79.6	20-127				
2,4-Dimethylphenol	0.667	0.0417	"	0.833		80.0	14-132				
2,4-Dinitrophenol	0.544	0.0833	"	0.833		65.2	10-171				
2,4-Dinitrotoluene	0.708	0.0417	"	0.833		84.9	34-131				
2,6-Dinitrotoluene	0.714	0.0417	"	0.833		85.7	31-128				
2-Chloronaphthalene	0.593	0.0417	"	0.833		71.1	31-117				
2-Chlorophenol	0.621	0.0417	"	0.833		74.5	33-113				
2-Methylnaphthalene	0.581	0.0417	"	0.833		69.8	12-138				
2-Methylphenol	0.670	0.0417	"	0.833		80.4	10-136				
2-Nitroaniline	0.690	0.0833	"	0.833		82.8	27-132				
2-Nitrophenol	0.705	0.0417	"	0.833		84.6	17-129				
3- & 4-Methylphenols	0.576	0.0417	"	0.833		69.1	29-103				
3,3-Dichlorobenzidine	0.399	0.0417	"	0.833		47.8	22-149				
3-Nitroaniline	0.561	0.0833	"	0.833		67.4	20-133				
4,6-Dinitro-2-methylphenol	0.833	0.0833	"	0.833		100	10-143				
4-Bromophenyl phenyl ether	0.689	0.0417	"	0.833		82.7	29-120				
4-Chloro-3-methylphenol	0.740	0.0417	"	0.833		88.8	24-129				
4-Chloroaniline	0.389	0.0417	"	0.833		46.6	10-132				
4-Chlorophenyl phenyl ether	0.656	0.0417	"	0.833		78.8	27-124				
4-Nitroaniline	0.560	0.0833	"	0.833		67.2	16-128				
4-Nitrophenol	0.451	0.0833	"	0.833		54.1	10-141				
Acenaphthene	0.605	0.0417	"	0.833		72.6	30-121				
Acenaphthylene	0.620	0.0417	"	0.833		74.4	30-115				
Acetophenone	0.637	0.0417	"	0.833		76.4	20-112				
Aniline	0.377	0.167	"	0.833		45.2	10-119				
Anthracene	0.636	0.0417	"	0.833		76.4	34-118				
Atrazine	0.700	0.0417	"	0.833		84.0	26-112				
Benzaldehyde	0.467	0.0417	"	0.833		56.0	21-100				
Benzo(a)anthracene	0.639	0.0417	"	0.833		76.6	32-122				
Benzo(a)pyrene	0.535	0.0417	"	0.833		64.2	29-133				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50797 - EPA 3550C											
LCS (BE50797-BS1)								Prepared: 05/10/2025 Analyzed: 05/12/2025			
Benzo(b)fluoranthene	0.578	0.0417	mg/kg wet	0.833		69.4	25-133				
Benzo(g,h,i)perylene	0.762	0.0417	"	0.833		91.4	10-143				
Benzo(k)fluoranthene	0.582	0.0417	"	0.833		69.8	25-128				
Benzoic acid	0.160	0.0417	"	0.833		19.2	10-140				
Benzyl alcohol	0.535	0.0417	"	0.833		64.2	30-115				
Benzyl butyl phthalate	0.729	0.0417	"	0.833		87.5	26-126				
Bis(2-chloroethoxy)methane	0.595	0.0417	"	0.833		71.4	19-132				
Bis(2-chloroethyl)ether	0.533	0.0417	"	0.833		64.0	19-125				
Bis(2-chloroisopropyl)ether	0.655	0.0417	"	0.833		78.6	20-135				
Bis(2-ethylhexyl)phthalate	0.723	0.0417	"	0.833		86.8	10-155				
Caprolactam	0.917	0.0833	"	0.833		110	10-127				
Carbazole	0.548	0.0417	"	0.833		65.7	35-123				
Chrysene	0.619	0.0417	"	0.833		74.3	32-123				
Dibenzo(a,h)anthracene	0.599	0.0417	"	0.833		71.8	10-136				
Dibenzofuran	0.614	0.0417	"	0.833		73.7	29-121				
Diethyl phthalate	0.636	0.0417	"	0.833		76.3	34-116				
Dimethyl phthalate	0.638	0.0417	"	0.833		76.5	35-124				
Di-n-butyl phthalate	0.669	0.0417	"	0.833		80.3	31-116				
Di-n-octyl phthalate	0.705	0.0417	"	0.833		84.6	26-136				
Fluoranthene	0.579	0.0417	"	0.833		69.5	33-122				
Fluorene	0.662	0.0417	"	0.833		79.4	29-123				
Hexachlorobenzene	0.656	0.0417	"	0.833		78.7	21-124				
Hexachlorobutadiene	0.654	0.0417	"	0.833		78.4	10-149				
Hexachlorocyclopentadiene	0.511	0.0417	"	0.833		61.3	10-129				
Hexachloroethane	0.580	0.0417	"	0.833		69.6	28-108				
Indeno(1,2,3-cd)pyrene	0.763	0.0417	"	0.833		91.5	10-135				
Isophorone	0.672	0.0417	"	0.833		80.7	20-132				
Naphthalene	0.616	0.0417	"	0.833		73.9	23-124				
Nitrobenzene	0.611	0.0417	"	0.833		73.3	13-132				
N-Nitrosodimethylamine	0.461	0.0417	"	0.833		55.4	11-129				
N-nitroso-di-n-propylamine	0.615	0.0417	"	0.833		73.8	24-119				
N-Nitrosodiphenylamine	0.786	0.0417	"	0.833		94.3	22-152				
Pentachlorophenol	0.446	0.0417	"	0.833		53.5	10-139				
Phenanthrene	0.634	0.0417	"	0.833		76.0	33-123				
Phenol	0.609	0.0417	"	0.833		73.1	23-115				
Pyrene	0.722	0.0417	"	0.833		86.7	24-130				
Pyridine	0.378	0.167	"	0.833		45.4	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.14*		"	*1.67*		*68.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.14*		"	*1.67*		*68.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.606*		"	*0.833*		*72.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.632*		"	*0.833*		*75.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.52*		"	*1.67*		*91.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.762*		"	*0.833*		*91.5*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50797 - EPA 3550C											
Matrix Spike (BE50797-MS1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared: 05/10/2025 Analyzed: 05/12/2025			
1,1-Biphenyl	0.644	0.0976	mg/kg dry	0.975	ND	66.1	10-130				
1,2,4,5-Tetrachlorobenzene	0.634	0.195	"	0.975	ND	65.0	10-133				
1,2,4-Trichlorobenzene	0.651	0.0976	"	0.975	ND	66.8	10-127				
1,2-Dichlorobenzene	0.604	0.0976	"	0.975	ND	61.9	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.775	0.0976	"	0.975	ND	79.5	10-144				
1,3-Dichlorobenzene	0.542	0.0976	"	0.975	ND	55.6	11-111				
1,4-Dichlorobenzene	0.568	0.0976	"	0.975	ND	58.2	10-106				
2,3,4,6-Tetrachlorophenol	0.858	0.195	"	0.975	ND	88.0	30-130				
2,4,5-Trichlorophenol	0.746	0.0976	"	0.975	ND	76.5	10-127				
2,4,6-Trichlorophenol	0.742	0.0976	"	0.975	ND	76.1	10-132				
2,4-Dichlorophenol	0.723	0.0976	"	0.975	ND	74.2	10-128				
2,4-Dimethylphenol	0.731	0.0976	"	0.975	ND	75.0	10-137				
2,4-Dinitrophenol	0.240	0.195	"	0.975	ND	24.6	10-171				
2,4-Dinitrotoluene	0.800	0.0976	"	0.975	ND	82.1	16-135				
2,6-Dinitrotoluene	0.798	0.0976	"	0.975	ND	81.8	18-131				
2-Chloronaphthalene	0.629	0.0976	"	0.975	ND	64.6	10-129				
2-Chlorophenol	0.698	0.0976	"	0.975	ND	71.6	15-116				
2-Methylnaphthalene	0.611	0.0976	"	0.975	ND	62.7	10-147				
2-Methylphenol	0.760	0.0976	"	0.975	ND	78.0	10-136				
2-Nitroaniline	0.750	0.195	"	0.975	ND	77.0	10-137				
2-Nitrophenol	0.788	0.0976	"	0.975	ND	80.9	10-129				
3- & 4-Methylphenols	0.622	0.0976	"	0.975	ND	63.8	10-123				
3,3-Dichlorobenzidine	0.434	0.0976	"	0.975	ND	44.5	10-155				
3-Nitroaniline	0.661	0.195	"	0.975	ND	67.8	12-133				
4,6-Dinitro-2-methylphenol	0.750	0.195	"	0.975	ND	77.0	10-155				
4-Bromophenyl phenyl ether	0.703	0.0976	"	0.975	ND	72.1	14-128				
4-Chloro-3-methylphenol	0.843	0.0976	"	0.975	ND	86.5	10-134				
4-Chloroaniline	0.456	0.0976	"	0.975	ND	46.8	10-145				
4-Chlorophenyl phenyl ether	0.719	0.0976	"	0.975	ND	73.8	14-130				
4-Nitroaniline	0.568	0.195	"	0.975	ND	58.3	10-147				
4-Nitrophenol	0.499	0.195	"	0.975	ND	51.2	10-137				
Acenaphthene	0.661	0.0976	"	0.975	ND	67.8	10-146				
Acenaphthylene	0.652	0.0976	"	0.975	ND	66.9	10-134				
Acetophenone	0.727	0.0976	"	0.975	ND	74.6	10-116				
Aniline	0.354	0.391	"	0.975	ND	36.3	10-123				
Anthracene	0.659	0.0976	"	0.975	ND	67.6	10-142				
Atrazine	0.773	0.0976	"	0.975	ND	79.3	19-115				
Benzaldehyde	0.578	0.0976	"	0.975	ND	59.3	10-125				
Benzo(a)anthracene	0.697	0.0976	"	0.975	ND	71.5	10-158				
Benzo(a)pyrene	0.566	0.0976	"	0.975	ND	58.1	10-180				
Benzo(b)fluoranthene	0.616	0.0976	"	0.975	ND	63.2	10-200				
Benzo(g,h,i)perylene	0.795	0.0976	"	0.975	ND	81.6	10-138				
Benzo(k)fluoranthene	0.635	0.0976	"	0.975	ND	65.1	10-197				
Benzoic acid	ND	0.0976	"	0.975	ND		10-166	Low Bias			
Benzyl alcohol	0.576	0.0976	"	0.975	ND	59.1	12-124				
Benzyl butyl phthalate	0.763	0.0976	"	0.975	ND	78.2	10-154				
Bis(2-chloroethoxy)methane	0.643	0.0976	"	0.975	ND	66.0	10-132				
Bis(2-chloroethyl)ether	0.669	0.0976	"	0.975	ND	68.6	10-119				
Bis(2-chloroisopropyl)ether	0.763	0.0976	"	0.975	ND	78.2	10-139				
Bis(2-ethylhexyl)phthalate	0.801	0.0976	"	0.975	ND	82.2	10-167				
Caprolactam	1.10	0.195	"	0.975	ND	112	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50797 - EPA 3550C											
Matrix Spike (BE50797-MS1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared: 05/10/2025 Analyzed: 05/12/2025			
Carbazole	0.591	0.0976	mg/kg dry	0.975	ND	60.6	10-167				
Chrysene	0.671	0.0976	"	0.975	ND	68.9	10-156				
Dibenzo(a,h)anthracene	0.625	0.0976	"	0.975	ND	64.2	10-137				
Dibenzofuran	0.659	0.0976	"	0.975	ND	67.6	10-147				
Diethyl phthalate	0.689	0.0976	"	0.975	ND	70.6	20-120				
Dimethyl phthalate	0.707	0.0976	"	0.975	ND	72.5	18-131				
Di-n-butyl phthalate	0.718	0.0976	"	0.975	ND	73.7	10-137				
Di-n-octyl phthalate	0.756	0.0976	"	0.975	ND	77.6	10-180				
Fluoranthene	0.619	0.0976	"	0.975	ND	63.5	10-160				
Fluorene	0.714	0.0976	"	0.975	ND	73.2	10-157				
Hexachlorobenzene	0.768	0.0976	"	0.975	ND	78.8	10-137				
Hexachlorobutadiene	0.664	0.0976	"	0.975	ND	68.2	10-132				
Hexachlorocyclopentadiene	0.463	0.0976	"	0.975	ND	47.5	10-106				
Hexachloroethane	0.601	0.0976	"	0.975	ND	61.7	10-110				
Indeno(1,2,3-cd)pyrene	0.811	0.0976	"	0.975	ND	83.2	10-144				
Isophorone	0.774	0.0976	"	0.975	ND	79.4	10-132				
Naphthalene	0.670	0.0976	"	0.975	ND	68.7	10-141				
Nitrobenzene	0.662	0.0976	"	0.975	ND	67.9	10-131				
N-Nitrosodimethylamine	0.554	0.0976	"	0.975	ND	56.9	10-126				
N-nitroso-di-n-propylamine	0.696	0.0976	"	0.975	ND	71.4	10-125				
N-Nitrosodiphenylamine	0.813	0.0976	"	0.975	ND	83.4	10-177				
Pentachlorophenol	0.559	0.0976	"	0.975	ND	57.4	10-153				
Phenanthrene	0.685	0.0976	"	0.975	ND	70.3	10-148				
Phenol	0.679	0.0976	"	0.975	ND	69.7	10-126				
Pyrene	0.733	0.0976	"	0.975	ND	75.2	10-165				
Pyridine	0.331	0.391	"	0.975	ND	33.9	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.31*		"	*1.95*		*67.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.24*		"	*1.95*		*63.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.680*		"	*0.975*		*69.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.623*		"	*0.975*		*63.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.63*		"	*1.95*		*83.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.749*		"	*0.975*		*76.8*	*24-116*				

Batch BE50797 - EPA 3550C

Matrix Spike Dup (BE50797-MSD1) *Source sample: 25E0127-07 (25SB-4 (11-13)) Prepared: 05/10/2025 Analyzed: 05/12/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.454	0.0976	mg/kg dry	0.975	ND	46.6	10-130		34.7	30	Non-dir.
1,2,4,5-Tetrachlorobenzene	0.444	0.195	"	0.975	ND	45.5	10-133		35.3	30	Non-dir.
1,2,4-Trichlorobenzene	0.458	0.0976	"	0.975	ND	47.0	10-127		34.9	30	Non-dir.
1,2-Dichlorobenzene	0.412	0.0976	"	0.975	ND	42.2	14-111		37.8	30	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	0.544	0.0976	"	0.975	ND	55.8	10-144		35.1	30	Non-dir.
1,3-Dichlorobenzene	0.394	0.0976	"	0.975	ND	40.4	11-111		31.7	30	Non-dir.
1,4-Dichlorobenzene	0.399	0.0976	"	0.975	ND	41.0	10-106		34.8	30	Non-dir.
2,3,4,6-Tetrachlorophenol	0.574	0.195	"	0.975	ND	58.9	30-130		39.7	30	Non-dir.
2,4,5-Trichlorophenol	0.508	0.0976	"	0.975	ND	52.1	10-127		38.0	30	Non-dir.
2,4,6-Trichlorophenol	0.544	0.0976	"	0.975	ND	55.8	10-132		30.8	30	Non-dir.
2,4-Dichlorophenol	0.497	0.0976	"	0.975	ND	51.0	10-128		37.1	30	Non-dir.
2,4-Dimethylphenol	0.505	0.0976	"	0.975	ND	51.8	10-137		36.5	30	Non-dir.
2,4-Dinitrophenol	0.175	0.195	"	0.975	ND	18.0	10-171		31.1	30	Non-dir.
2,4-Dinitrotoluene	0.538	0.0976	"	0.975	ND	55.2	16-135		39.2	30	Non-dir.
2,6-Dinitrotoluene	0.558	0.0976	"	0.975	ND	57.2	18-131		35.4	30	Non-dir.
2-Chloronaphthalene	0.428	0.0976	"	0.975	ND	43.9	10-129		38.1	30	Non-dir.
2-Chlorophenol	0.470	0.0976	"	0.975	ND	48.2	15-116		39.0	30	Non-dir.
2-Methylnaphthalene	0.445	0.0976	"	0.975	ND	45.7	10-147		31.4	30	Non-dir.
2-Methylphenol	0.522	0.0976	"	0.975	ND	53.6	10-136		37.1	30	Non-dir.
2-Nitroaniline	0.502	0.195	"	0.975	ND	51.5	10-137		39.6	30	Non-dir.
2-Nitrophenol	0.495	0.0976	"	0.975	ND	50.8	10-129		45.7	30	Non-dir.
3- & 4-Methylphenols	0.425	0.0976	"	0.975	ND	43.6	10-123		37.7	30	Non-dir.
3,3-Dichlorobenzidine	0.300	0.0976	"	0.975	ND	30.8	10-155		36.3	30	Non-dir.
3-Nitroaniline	0.448	0.195	"	0.975	ND	46.0	12-133		38.4	30	Non-dir.
4,6-Dinitro-2-methylphenol	0.443	0.195	"	0.975	ND	45.4	10-155		51.5	30	Non-dir.
4-Bromophenyl phenyl ether	0.489	0.0976	"	0.975	ND	50.2	14-128		35.9	30	Non-dir.
4-Chloro-3-methylphenol	0.615	0.0976	"	0.975	ND	63.1	10-134		31.2	30	Non-dir.
4-Chloroaniline	0.307	0.0976	"	0.975	ND	31.5	10-145		39.0	30	Non-dir.
4-Chlorophenyl phenyl ether	0.478	0.0976	"	0.975	ND	49.0	14-130		40.3	30	Non-dir.
4-Nitroaniline	0.393	0.195	"	0.975	ND	40.3	10-147		36.5	30	Non-dir.
4-Nitrophenol	0.356	0.195	"	0.975	ND	36.6	10-137		33.4	30	Non-dir.
Acenaphthene	0.470	0.0976	"	0.975	ND	48.2	10-146		33.8	30	Non-dir.
Acenaphthylene	0.473	0.0976	"	0.975	ND	48.6	10-134		31.7	30	Non-dir.
Acetophenone	0.494	0.0976	"	0.975	ND	50.6	10-116		38.2	30	Non-dir.
Aniline	0.253	0.391	"	0.975	ND	26.0	10-123		33.1	30	Non-dir.
Anthracene	0.452	0.0976	"	0.975	ND	46.3	10-142		37.4	30	Non-dir.
Atrazine	0.535	0.0976	"	0.975	ND	54.9	19-115		36.4	30	Non-dir.
Benzaldehyde	0.383	0.0976	"	0.975	ND	39.3	10-125		40.6	30	Non-dir.
Benzo(a)anthracene	0.497	0.0976	"	0.975	ND	51.0	10-158		33.6	30	Non-dir.
Benzo(a)pyrene	0.407	0.0976	"	0.975	ND	41.8	10-180		32.7	30	Non-dir.
Benzo(b)fluoranthene	0.447	0.0976	"	0.975	ND	45.8	10-200		31.8	30	Non-dir.
Benzo(g,h,i)perylene	0.546	0.0976	"	0.975	ND	56.0	10-138		37.2	30	Non-dir.
Benzo(k)fluoranthene	0.422	0.0976	"	0.975	ND	43.3	10-197		40.3	30	Non-dir.
Benzoic acid	ND	0.0976	"	0.975	ND		10-166	Low Bias		30	
Benzyl alcohol	0.349	0.0976	"	0.975	ND	35.8	12-124		49.0	30	Non-dir.
Benzyl butyl phthalate	0.538	0.0976	"	0.975	ND	55.2	10-154		34.5	30	Non-dir.
Bis(2-chloroethoxy)methane	0.465	0.0976	"	0.975	ND	47.7	10-132		32.2	30	Non-dir.
Bis(2-chloroethyl)ether	0.491	0.0976	"	0.975	ND	50.3	10-119		30.8	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.515	0.0976	"	0.975	ND	52.9	10-139		38.7	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.561	0.0976	"	0.975	ND	57.6	10-167		35.1	30	Non-dir.
Caprolactam	0.666	0.195	"	0.975	ND	68.3	10-132		48.8	30	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50797 - EPA 3550C											
Matrix Spike Dup (BE50797-MSD1)	*Source sample: 25E0127-07 (25SB-4 (11-13))								Prepared: 05/10/2025 Analyzed: 05/12/2025		
Carbazole	0.409	0.0976	mg/kg dry	0.975	ND	42.0	10-167		36.3	30	Non-dir.
Chrysene	0.480	0.0976	"	0.975	ND	49.2	10-156		33.3	30	Non-dir.
Dibenzo(a,h)anthracene	0.424	0.0976	"	0.975	ND	43.5	10-137		38.3	30	Non-dir.
Dibenzofuran	0.459	0.0976	"	0.975	ND	47.1	10-147		35.7	30	Non-dir.
Diethyl phthalate	0.482	0.0976	"	0.975	ND	49.4	20-120		35.3	30	Non-dir.
Dimethyl phthalate	0.477	0.0976	"	0.975	ND	49.0	18-131		38.7	30	Non-dir.
Di-n-butyl phthalate	0.487	0.0976	"	0.975	ND	49.9	10-137		38.4	30	Non-dir.
Di-n-octyl phthalate	0.547	0.0976	"	0.975	ND	56.1	10-180		32.2	30	Non-dir.
Fluoranthene	0.421	0.0976	"	0.975	ND	43.2	10-160		38.1	30	Non-dir.
Fluorene	0.506	0.0976	"	0.975	ND	51.9	10-157		34.0	30	Non-dir.
Hexachlorobenzene	0.551	0.0976	"	0.975	ND	56.5	10-137		33.0	30	Non-dir.
Hexachlorobutadiene	0.452	0.0976	"	0.975	ND	46.3	10-132		38.2	30	Non-dir.
Hexachlorocyclopentadiene	0.317	0.0976	"	0.975	ND	32.5	10-106		37.6	30	Non-dir.
Hexachloroethane	0.411	0.0976	"	0.975	ND	42.2	10-110		37.6	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.537	0.0976	"	0.975	ND	55.0	10-144		40.7	30	Non-dir.
Isophorone	0.542	0.0976	"	0.975	ND	55.6	10-132		35.2	30	Non-dir.
Naphthalene	0.476	0.0976	"	0.975	ND	48.8	10-141		33.9	30	Non-dir.
Nitrobenzene	0.473	0.0976	"	0.975	ND	48.5	10-131		33.4	30	Non-dir.
N-Nitrosodimethylamine	0.408	0.0976	"	0.975	ND	41.8	10-126		30.5	30	Non-dir.
N-nitroso-di-n-propylamine	0.478	0.0976	"	0.975	ND	49.0	10-125		37.2	30	Non-dir.
N-Nitrosodiphenylamine	0.568	0.0976	"	0.975	ND	58.2	10-177		35.6	30	Non-dir.
Pentachlorophenol	0.324	0.0976	"	0.975	ND	33.3	10-153		53.1	30	Non-dir.
Phenanthrene	0.487	0.0976	"	0.975	ND	49.9	10-148		33.9	30	Non-dir.
Phenol	0.452	0.0976	"	0.975	ND	46.3	10-126		40.3	30	Non-dir.
Pyrene	0.533	0.0976	"	0.975	ND	54.7	10-165		31.5	30	Non-dir.
Pyridine	0.252	0.391	"	0.975	ND	25.8	10-83		27.0	30	
Surrogate: SURR: 2-Fluorophenol	*0.905*		"	*1.95*		*46.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.815*		"	*1.95*		*41.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.459*		"	*0.975*		*47.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.441*		"	*0.975*		*45.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.07*		"	*1.95*		*54.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.542*		"	*0.975*		*55.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50802 - EPA 3550C											
Blank (BE50802-BLK1)											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Prepared: 05/11/2025 Analyzed: 05/12/2025

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50802 - EPA 3550C											
Blank (BE50802-BLK1)											
Prepared: 05/11/2025 Analyzed: 05/12/2025											
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.23*		"	*1.66*		*73.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.922*		"	*1.66*		*55.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.500*		"	*0.831*		*60.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.597*		"	*0.831*		*71.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.06*		"	*1.66*		*63.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.663*		"	*0.831*		*79.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50802 - EPA 3550C											
LCS (BE50802-BS1)									Prepared: 05/11/2025 Analyzed: 05/12/2025		
1,1-Biphenyl	0.622	0.0416	mg/kg wet				18-111				
1,2,4,5-Tetrachlorobenzene	0.626	0.0830	"				21-131				
1,2,4-Trichlorobenzene	0.602	0.0416	"				10-140				
1,2-Dichlorobenzene	0.630	0.0416	"				34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.523	0.0416	"				17-137				
1,3-Dichlorobenzene	0.629	0.0416	"				33-110				
1,4-Dichlorobenzene	0.650	0.0416	"				32-104				
2,3,4,6-Tetrachlorophenol	0.663	0.0830	"				30-130				
2,4,5-Trichlorophenol	0.664	0.0416	"				27-118				
2,4,6-Trichlorophenol	0.630	0.0416	"				31-120				
2,4-Dichlorophenol	0.616	0.0416	"				20-127				
2,4-Dimethylphenol	0.632	0.0416	"				14-132				
2,4-Dinitrophenol	0.701	0.0830	"				10-171				
2,4-Dinitrotoluene	0.671	0.0416	"				34-131				
2,6-Dinitrotoluene	0.669	0.0416	"				31-128				
2-Chloronaphthalene	0.639	0.0416	"				31-117				
2-Chlorophenol	0.616	0.0416	"				33-113				
2-Methylnaphthalene	0.707	0.0416	"				12-138				
2-Methylphenol	0.591	0.0416	"				10-136				
2-Nitroaniline	0.631	0.0830	"				27-132				
2-Nitrophenol	0.562	0.0416	"				17-129				
3- & 4-Methylphenols	0.519	0.0416	"				29-103				
3,3-Dichlorobenzidine	0.557	0.0416	"				22-149				
3-Nitroaniline	0.477	0.0830	"				20-133				
4,6-Dinitro-2-methylphenol	0.732	0.0830	"				10-143				
4-Bromophenyl phenyl ether	0.545	0.0416	"				29-120				
4-Chloro-3-methylphenol	0.572	0.0416	"				24-129				
4-Chloroaniline	0.377	0.0416	"				10-132				
4-Chlorophenyl phenyl ether	0.633	0.0416	"				27-124				
4-Nitroaniline	0.551	0.0830	"				16-128				
4-Nitrophenol	0.558	0.0830	"				10-141				
Acenaphthene	0.637	0.0416	"				30-121				
Acenaphthylene	0.669	0.0416	"				30-115				
Acetophenone	0.574	0.0416	"				20-112				
Aniline	0.418	0.166	"				10-119				
Anthracene	0.697	0.0416	"				34-118				
Atrazine	0.517	0.0416	"				26-112				
Benzaldehyde	0.595	0.0416	"				21-100				
Benzo(a)anthracene	0.678	0.0416	"				32-122				
Benzo(a)pyrene	0.683	0.0416	"				29-133				
Benzo(b)fluoranthene	0.634	0.0416	"				25-133				
Benzo(g,h,i)perylene	0.703	0.0416	"				10-143				
Benzo(k)fluoranthene	0.732	0.0416	"				25-128				
Benzoic acid	0.110	0.0416	"				10-140				
Benzyl alcohol	0.575	0.0416	"				30-115				
Benzyl butyl phthalate	0.694	0.0416	"				26-126				
Bis(2-chloroethoxy)methane	0.568	0.0416	"				19-132				
Bis(2-chloroethyl)ether	0.655	0.0416	"				19-125				
Bis(2-chloroisopropyl)ether	0.544	0.0416	"				20-135				
Bis(2-ethylhexyl)phthalate	0.685	0.0416	"				10-155				
Caprolactam	0.580	0.0830	"				10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50802 - EPA 3550C											
LCS (BE50802-BS1)											
Prepared: 05/11/2025 Analyzed: 05/12/2025											
Carbazole	0.650	0.0416	mg/kg wet				35-123				
Chrysene	0.687	0.0416	"				32-123				
Dibenzo(a,h)anthracene	0.690	0.0416	"				10-136				
Dibenzofuran	0.638	0.0416	"				29-121				
Diethyl phthalate	0.662	0.0416	"				34-116				
Dimethyl phthalate	0.678	0.0416	"				35-124				
Di-n-butyl phthalate	0.740	0.0416	"				31-116				
Di-n-octyl phthalate	0.709	0.0416	"				26-136				
Fluoranthene	0.697	0.0416	"				33-122				
Fluorene	0.638	0.0416	"				29-123				
Hexachlorobenzene	0.504	0.0416	"				21-124				
Hexachlorobutadiene	0.649	0.0416	"				10-149				
Hexachlorocyclopentadiene	0.459	0.0416	"				10-129				
Hexachloroethane	0.612	0.0416	"				28-108				
Indeno(1,2,3-cd)pyrene	0.885	0.0416	"				10-135				
Isophorone	0.583	0.0416	"				20-132				
Naphthalene	0.606	0.0416	"				23-124				
Nitrobenzene	0.600	0.0416	"				13-132				
N-Nitrosodimethylamine	0.711	0.0416	"				11-129				
N-nitroso-di-n-propylamine	0.594	0.0416	"				24-119				
N-Nitrosodiphenylamine	0.575	0.0416	"				22-152				
Pentachlorophenol	0.235	0.0416	"				10-139				
Phenanthrene	0.653	0.0416	"				33-123				
Phenol	0.545	0.0416	"				23-115				
Pyrene	0.700	0.0416	"				24-130				
Pyridine	0.671	0.166	"				10-91				
Surrogate: SURR: 2-Fluorophenol	*1.25*		"	*1.66*		*75.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.12*		"	*1.66*		*67.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.523*		"	*0.831*		*63.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.612*		"	*0.831*		*73.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.19*		"	*1.66*		*71.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.664*		"	*0.831*		*80.0*	*24-116*				

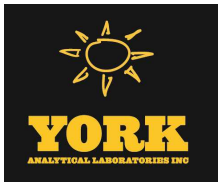
Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50391 - EPA 3535A											
Blank (BE50391-BLK1)											Prepared: 05/06/2025 Analyzed: 05/07/2025
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.84*		*"*	*4.00*		*96.0*	*36.6-118*				
LCS (BE50391-BS1)											Prepared: 05/06/2025 Analyzed: 05/07/2025
1,4-Dioxane	3.41	0.300	ug/L	4.00		85.2	50-130				
Surrogate: 1,4-Dioxane-d8	*4.48*		*"*	*4.00*		*112*	*36.6-118*				
Batch BE50803 - EPA 3550C											
Blank (BE50803-BLK1)											Prepared: 05/11/2025 Analyzed: 05/12/2025
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*673*		*"*	*495*		*136*	*39-127.5*				
LCS (BE50803-BS1)											Prepared: 05/11/2025 Analyzed: 05/12/2025
1,4-Dioxane	504	19.8	ug/kg	495		102	40-130				
Surrogate: 1,4-Dioxane-d8	*574*		*"*	*495*		*116*	*39-127.5*				
Matrix Spike (BE50803-MS1)	*Source sample: 25E0127-07 (25SB-4 (11-13))										Prepared: 05/11/2025 Analyzed: 05/12/2025
1,4-Dioxane	513	19.8	ug/kg	495	ND	104	40-130				
Surrogate: 1,4-Dioxane-d8	*495*		*"*	*495*		*100*	*40-130*				
Matrix Spike Dup (BE50803-MSD1)	*Source sample: 25E0127-07 (25SB-4 (11-13))										Prepared: 05/11/2025 Analyzed: 05/12/2025
1,4-Dioxane	532	19.8	ug/kg	495	ND	107	40-130		3.60	30	
Surrogate: 1,4-Dioxane-d8	*525*		*"*	*495*		*106*	*40-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50298 - EPA 1633 Prep											
Blank (BE50298-BLK1)											
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.757	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.765	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.797	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.747	"								
HFPO-DA (Gen-X)	ND	0.797	"								
11CL-PF3OUdS	ND	0.753	"								
9CL-PF3ONS	ND	0.745	"								
ADONA	ND	0.753	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.98	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.98	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.39*		"	*2.32*		*103*	*25-150*				
Surrogate: M5PFHxA	*2.71*		"	*2.49*		*109*	*25-150*				
Surrogate: M4PFHpA	*2.58*		"	*2.49*		*103*	*25-150*				
Surrogate: M3PFHxS	*2.39*		"	*2.36*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.77*		"	*2.49*		*111*	*25-150*				
Surrogate: M6PFDA	*1.27*		"	*1.25*		*102*	*25-150*				
Surrogate: M7PFUdA	*1.14*		"	*1.25*		*91.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.09*		"	*1.25*		*87.5*	*25-150*				
Surrogate: M2PFTeDA	*0.881*		"	*1.25*		*70.8*	*10-150*				

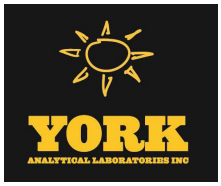
Prepared: 05/05/2025 Analyzed: 05/06/2025



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

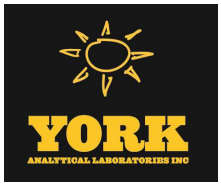
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50298 - EPA 1633 Prep											
Blank (BE50298-BLK1)								Prepared: 05/05/2025 Analyzed: 05/06/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.795*		*ug/kg wet*	*9.96*		*7.99*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.63*		*"*	*2.39*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.00*		*"*	*4.98*		*60.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.14*		*"*	*2.49*		*85.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.29*		*"*	*4.98*		*86.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.68*		*"*	*4.98*		*94.1*	*25-150*				
Surrogate: M2-6:2 FTS	*5.71*		*"*	*4.74*		*121*	*25-200*				
Surrogate: M2-8:2 FTS	*4.63*		*"*	*4.78*		*96.9*	*25-200*				
Surrogate: M9PFNA	*1.20*		*"*	*1.25*		*96.6*	*25-150*				
Surrogate: M2-4:2 FTS	*5.89*		*"*	*4.67*		*126*	*25-150*				
Surrogate: d-N-MeFOSA	*1.67*		*"*	*2.49*		*66.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.70*		*"*	*2.49*		*68.2*	*25-150*				
Surrogate: M3HFPO-DA	*10.0*		*"*	*9.96*		*100*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.4*		*"*	*24.9*		*74.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.2*		*"*	*24.9*		*73.1*	*25-150*				
LCS (BE50298-BS1)								Prepared: 05/05/2025 Analyzed: 05/06/2025			
Perfluorobutanesulfonic acid (PFBS)	3.12	0.176	ug/kg wet	3.51		88.7	50-150				
Perfluorohexanoic acid (PFHxA)	3.89	0.198	"	3.97		98.0	50-150				
Perfluoroheptanoic acid (PFHpA)	4.00	0.198	"	3.97		101	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.47	0.182	"	3.63		95.7	50-150				
Perfluorooctanoic acid (PFOA)	3.36	0.198	"	3.97		84.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.06	0.185	"	3.69		82.8	50-150				
Perfluorononanoic acid (PFNA)	3.44	0.198	"	3.97		86.6	50-150				
Perfluorodecanoic acid (PFDA)	3.80	0.198	"	3.97		95.9	50-150				
Perfluoroundecanoic acid (PFUnA)	3.45	0.198	"	3.97		86.9	50-150				
Perfluorododecanoic acid (PFDoA)	3.60	0.198	"	3.97		90.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.97	0.198	"	3.97		100	50-150				
Perfluorotetradecanoic acid (PFTA)	3.56	0.198	"	3.97		89.6	50-150				
N-MeFOSAA	3.44	0.198	"	3.97		86.7	50-150				
N-EtFOSAA	3.60	0.198	"	3.97		90.7	50-150				
Perfluoropentanoic acid (PFPeA)	7.29	0.397	"	7.94		91.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.41	0.198	"	3.97		86.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.41	0.198	"	3.79		90.1	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.33	0.191	"	3.83		86.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.9	0.754	"	15.1		85.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.2	0.762	"	15.2		99.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.5	0.794	"	15.9		85.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.99	0.353	"	7.06		98.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.20	0.397	"	7.94		78.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.24	0.397	"	7.94		15.7	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	10.6	0.397	"	7.94		134	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.36	0.187	"	3.73		90.0	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.9	0.744	"	14.9		93.2	50-150				
HFPO-DA (Gen-X)	8.65	0.794	"	7.94		109	50-150				
11CL-PF3OUdS	5.49	0.750	"	7.50		73.2	50-150				
9CL-PF3ONS	5.50	0.742	"	7.42		74.1	50-150				
ADONA	6.81	0.750	"	7.50		90.9	50-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50298 - EPA 1633 Prep											
LCS (BE50298-BS1)											
Prepared: 05/05/2025 Analyzed: 05/06/2025											
Perfluorododecanesulfonic acid (PFDoS)	2.72	0.192	ug/kg wet	3.85		70.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.03	0.190	"	3.81		79.5	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.86	0.992	"	15.9		62.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	75.3	4.96	"	79.4		94.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	77.4	4.96	"	79.4		97.5	50-150				
N-MeFOSE	35.3	1.98	"	39.7		88.9	50-150				
N-MeFOSA	4.09	0.198	"	3.97		103	50-150				
N-EtFOSE	38.3	1.98	"	39.7		96.6	50-150				
N-EtFOSA	3.37	0.198	"	3.97		84.9	50-150				
Surrogate: M3PFBS	*2.40*		*"*	*2.31*		*104*	*25-150*				
Surrogate: M5PFHxA	*2.46*		*"*	*2.48*		*99.0*	*25-150*				
Surrogate: M4PFHpA	*2.18*		*"*	*2.48*		*88.0*	*25-150*				
Surrogate: M3PFHxS	*2.25*		*"*	*2.35*		*95.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.59*		*"*	*2.48*		*105*	*25-150*				
Surrogate: M6PFDA	*1.09*		*"*	*1.24*		*87.7*	*25-150*				
Surrogate: M7PFUdA	*1.08*		*"*	*1.24*		*87.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.959*		*"*	*1.24*		*77.3*	*25-150*				
Surrogate: M2PFTeDA	*0.864*		*"*	*1.24*		*69.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.933*		*"*	*9.92*		*9.41*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.38*		*98.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.87*		*"*	*4.96*		*57.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.06*		*"*	*2.48*		*83.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.33*		*"*	*4.96*		*87.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.37*		*"*	*4.96*		*88.2*	*25-150*				
Surrogate: M2-6:2 FTS	*5.96*		*"*	*4.72*		*126*	*25-200*				
Surrogate: M2-8:2 FTS	*4.74*		*"*	*4.76*		*99.5*	*25-200*				
Surrogate: M9PFNA	*1.20*		*"*	*1.24*		*97.1*	*25-150*				
Surrogate: M2-4:2 FTS	*5.86*		*"*	*4.65*		*126*	*25-150*				
Surrogate: d-N-MeFOSA	*1.45*		*"*	*2.48*		*58.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.30*		*"*	*2.48*		*52.4*	*25-150*				
Surrogate: M3HFPO-DA	*10.3*		*"*	*9.92*		*104*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.7*		*"*	*24.8*		*67.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.3*		*"*	*24.8*		*73.7*	*25-150*				

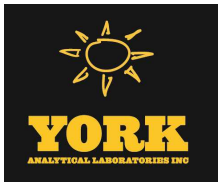


PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50298 - EPA 1633 Prep											
LCS (BE50298-BS2)								Prepared: 05/05/2025 Analyzed: 05/06/2025			
Perfluorobutanesulfonic acid (PFBS)	0.270	0.176	ug/kg wet	0.352		76.7	50-150				
Perfluorohexanoic acid (PFHxA)	0.318	0.199	"	0.398		80.0	50-150				
Perfluoroheptanoic acid (PFHpA)	0.375	0.199	"	0.398		94.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.308	0.182	"	0.364		84.7	50-150				
Perfluorooctanoic acid (PFOA)	0.327	0.199	"	0.398		82.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.327	0.185	"	0.370		88.3	50-150				
Perfluorononanoic acid (PFNA)	0.402	0.199	"	0.398		101	50-150				
Perfluorodecanoic acid (PFDA)	0.346	0.199	"	0.398		87.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.342	0.199	"	0.398		86.0	50-150				
Perfluorododecanoic acid (PFDoA)	0.386	0.199	"	0.398		97.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.415	0.199	"	0.398		104	50-150				
Perfluorotetradecanoic acid (PFTA)	0.331	0.199	"	0.398		83.4	50-150				
N-MeFOSAA	0.313	0.199	"	0.398		78.7	50-150				
N-EtFOSAA	0.360	0.199	"	0.398		90.6	50-150				
Perfluoropentanoic acid (PFPeA)	0.678	0.398	"	0.795		85.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.335	0.199	"	0.398		84.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.433	0.199	"	0.380		114	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.174	0.192	"	0.384		45.5	50-150	Low Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.13	0.755	"	1.51		74.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.27	0.763	"	1.53		83.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.34	0.795	"	1.59		84.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.499	0.354	"	0.708		70.6	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.775	0.398	"	0.795		97.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.729	0.398	"	0.795		91.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.668	0.398	"	0.795		83.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.332	0.187	"	0.374		88.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.29	0.746	"	1.49		86.3	50-150				
HFPO-DA (Gen-X)	0.331	0.795	"	0.795		41.6	50-150	Low Bias			
11CL-PF3OUdS	0.308	0.751	"	0.751		41.0	50-150	Low Bias			
9CL-PF3ONS	0.233	0.744	"	0.744		31.3	50-150	Low Bias			
ADONA	0.514	0.751	"	0.751		68.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.346	0.193	"	0.386		89.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.327	0.191	"	0.382		85.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.34	0.994	"	1.59		84.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	6.24	4.97	"	7.95		78.5	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	5.44	4.97	"	7.95		68.4	50-150				
N-MeFOSE	2.93	1.99	"	3.98		73.7	50-150				
N-MeFOSA	0.406	0.199	"	0.398		102	50-150				
N-EtFOSE	3.71	1.99	"	3.98		93.2	50-150				
N-EtFOSA	0.389	0.199	"	0.398		97.8	50-150				
Surrogate: M3PFBS	*2.66*		"	*2.32*		*115*	*25-150*				
Surrogate: M5PFHxA	*2.71*		"	*2.49*		*109*	*25-150*				
Surrogate: M4PFHpA	*2.35*		"	*2.49*		*94.7*	*25-150*				
Surrogate: M3PFHxS	*2.33*		"	*2.36*		*98.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.79*		"	*2.49*		*112*	*25-150*				
Surrogate: M6PFDA	*0.933*		"	*1.24*		*75.1*	*25-150*				
Surrogate: M7PFUdA	*0.791*		"	*1.24*		*63.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.697*		"	*1.24*		*56.1*	*25-150*				
Surrogate: M2PFTeDA	*0.722*		"	*1.24*		*58.1*	*10-150*				

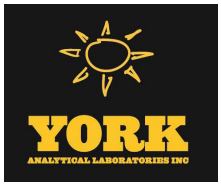
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50298 - EPA 1633 Prep											
LCS (BE50298-BS2)								Prepared: 05/05/2025 Analyzed: 05/06/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.0*		*ug/kg wet*	*9.94*		*120*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.63*		*"*	*2.38*		*68.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.32*		*"*	*4.97*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.75*		*"*	*2.49*		*70.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.01*		*"*	*4.97*		*60.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.02*		*"*	*4.97*		*60.7*	*25-150*				
Surrogate: M2-6:2 FTS	*5.56*		*"*	*4.73*		*118*	*25-200*				
Surrogate: M2-8:2 FTS	*3.70*		*"*	*4.77*		*77.5*	*25-200*				
Surrogate: M9PFNA	*0.964*		*"*	*1.24*		*77.6*	*25-150*				
Surrogate: M2-4:2 FTS	*6.12*		*"*	*4.66*		*131*	*25-150*				
Surrogate: d-N-MeFOSA	*0.993*		*"*	*2.49*		*40.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.21*		*"*	*2.49*		*48.9*	*25-150*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.94*		*107*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.9*		*"*	*24.9*		*47.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.7*		*"*	*24.9*		*51.1*	*25-150*				
Matrix Spike (BE50298-MS1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared: 05/05/2025 Analyzed: 05/06/2025			
Perfluorobutanesulfonic acid (PFBS)	3.68	0.209	ug/kg dry	4.17	ND	88.3	25-150				
Perfluorohexanoic acid (PFHxA)	4.18	0.236	"	4.71	ND	88.6	25-150				
Perfluoroheptanoic acid (PFHpA)	4.25	0.236	"	4.71	ND	90.2	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.06	0.216	"	4.31	ND	94.1	25-150				
Perfluorooctanoic acid (PFOA)	4.32	0.236	"	4.71	ND	91.7	25-150				
Perfluorooctanesulfonic acid (PFOS)	3.78	0.219	"	4.38	ND	86.2	25-150				
Perfluorononanoic acid (PFNA)	3.77	0.236	"	4.71	ND	80.1	25-150				
Perfluorodecanoic acid (PFDA)	4.62	0.236	"	4.71	ND	98.0	25-150				
Perfluoroundecanoic acid (PFUnA)	4.28	0.236	"	4.71	ND	90.9	25-150				
Perfluorododecanoic acid (PFDoA)	4.06	0.236	"	4.71	ND	86.2	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.62	0.236	"	4.71	ND	98.1	25-150				
Perfluorotetradecanoic acid (PFTA)	3.94	0.236	"	4.71	ND	83.5	25-150				
N-MeFOSAA	4.12	0.236	"	4.71	ND	87.4	25-150				
N-EtFOSAA	4.19	0.236	"	4.71	ND	88.9	25-150				
Perfluoropentanoic acid (PFPeA)	8.23	0.471	"	9.43	ND	87.3	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.73	0.236	"	4.71	ND	79.1	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.23	0.236	"	4.50	ND	93.9	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.13	0.227	"	4.55	ND	90.8	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.9	0.895	"	17.9	ND	89.0	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.0	0.905	"	18.1	ND	83.1	25-150				
Perfluoro-n-butanoic acid (PFBA)	14.7	0.943	"	18.9	ND	77.8	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.36	0.419	"	8.39	ND	87.7	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.33	0.471	"	9.43	ND	99.0	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.23	0.471	"	9.43	ND	13.0	25-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	14.2	0.471	"	9.43	ND	151	25-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	0.222	"	4.43	ND	85.0	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.5	0.884	"	17.7	ND	87.7	25-150				
HFPO-DA (Gen-X)	10.3	0.943	"	9.43	ND	110	25-150				
11CL-PF3OUdS	8.04	0.891	"	8.91	ND	90.2	25-150				
9CL-PF3ONS	8.20	0.881	"	8.81	ND	93.0	25-150				
ADONA	8.61	0.891	"	8.91	ND	96.7	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

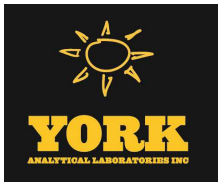
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50298 - EPA 1633 Prep											
Matrix Spike (BE50298-MS1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared: 05/05/2025 Analyzed: 05/06/2025			
Perfluorododecanesulfonic acid (PFDoS)	3.70	0.229	ug/kg dry	4.57	ND	80.9	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.79	0.226	"	4.52	ND	83.8	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.38	1.18	"	18.9	ND	49.7	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	81.0	5.89	"	94.3	ND	86.0	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	82.2	5.89	"	94.3	ND	87.2	25-150				
N-MeFOSE	39.9	2.36	"	47.1	ND	84.7	25-150				
N-MeFOSA	4.60	0.236	"	4.71	ND	97.5	25-150				
N-EtFOSE	43.3	2.36	"	47.1	ND	91.9	25-150				
N-EtFOSA	4.37	0.236	"	4.71	ND	92.7	25-150				
Surrogate: M3PFBS	*3.40*		*"*	*2.75*		*124*	*25-150*				
Surrogate: M5PFHxA	*3.91*		*"*	*2.95*		*133*	*25-150*				
Surrogate: M4PFHpA	*3.48*		*"*	*2.95*		*118*	*25-150*				
Surrogate: M3PFHxS	*3.55*		*"*	*2.79*		*127*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.57*		*"*	*2.95*		*121*	*25-150*				
Surrogate: M6PFDA	*1.79*		*"*	*1.47*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.78*		*"*	*1.47*		*121*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.54*		*"*	*1.47*		*105*	*25-150*				
Surrogate: M2PFTeDA	*1.42*		*"*	*1.47*		*96.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.769*		*"*	*11.8*		*6.52*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.67*		*"*	*2.82*		*130*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.84*		*"*	*5.89*		*48.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.64*		*"*	*2.95*		*123*	*10-150*				
Surrogate: d3-N-MeFOSAA	*7.06*		*"*	*5.89*		*120*	*25-150*				
Surrogate: d5-N-EtFOSAA	*7.30*		*"*	*5.89*		*124*	*25-150*				
Surrogate: M2-6:2 FTS	*8.21*		*"*	*5.60*		*147*	*25-200*				
Surrogate: M2-8:2 FTS	*7.91*		*"*	*5.66*		*140*	*25-200*				
Surrogate: M9PFNA	*1.83*		*"*	*1.47*		*124*	*25-150*				
Surrogate: M2-4:2 FTS	*8.13*		*"*	*5.53*		*147*	*25-150*				
Surrogate: d-N-MeFOSA	*2.46*		*"*	*2.95*		*83.4*	*25-150*				
Surrogate: d-N-EtFOSA	*2.32*		*"*	*2.95*		*78.9*	*25-150*				
Surrogate: M3HFPO-DA	*14.2*		*"*	*11.8*		*121*	*25-150*				
Surrogate: d9-N-EtFOSE	*27.4*		*"*	*29.5*		*92.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*28.1*		*"*	*29.5*		*95.2*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50298 - EPA 1633 Prep											
Matrix Spike Dup (BE50298-MSD1)	*Source sample: 25E0127-07 (25SB-4 (11-13))								Prepared: 05/05/2025 Analyzed: 05/06/2025		
Perfluorobutanesulfonic acid (PFBS)	3.70	0.209	ug/kg dry	4.19	ND	88.4	25-150		0.516	35	
Perfluorohexanoic acid (PFHxA)	4.55	0.237	"	4.73	ND	96.2	25-150		8.60	35	
Perfluoroheptanoic acid (PFHpA)	4.40	0.237	"	4.73	ND	92.9	25-150		3.33	35	
Perfluorohexanesulfonic acid (PFHxS)	4.01	0.216	"	4.33	ND	92.6	25-150		1.21	35	
Perfluorooctanoic acid (PFOA)	4.13	0.237	"	4.73	ND	87.4	25-150		4.47	35	
Perfluorooctanesulfonic acid (PFOS)	3.54	0.220	"	4.40	ND	80.5	25-150		6.38	35	
Perfluorononanoic acid (PFNA)	4.32	0.237	"	4.73	ND	91.3	25-150		13.4	35	
Perfluorodecanoic acid (PFDA)	4.40	0.237	"	4.73	ND	93.0	25-150		4.82	35	
Perfluoroundecanoic acid (PFUnA)	4.31	0.237	"	4.73	ND	91.0	25-150		0.599	35	
Perfluorododecanoic acid (PFDoA)	3.97	0.237	"	4.73	ND	83.9	25-150		2.38	35	
Perfluorotridecanoic acid (PFTrDA)	4.78	0.237	"	4.73	ND	101	25-150		3.27	35	
Perfluorotetradecanoic acid (PFTA)	3.88	0.237	"	4.73	ND	82.1	25-150		1.34	35	
N-MeFOSAA	4.26	0.237	"	4.73	ND	90.1	25-150		3.41	35	
N-EtFOSAA	4.31	0.237	"	4.73	ND	91.1	25-150		2.81	35	
Perfluoropentanoic acid (PFPeA)	8.18	0.473	"	9.46	ND	86.5	25-150		0.515	35	
Perfluoro-1-octanesulfonamide (FOSA)	3.82	0.237	"	4.73	ND	80.7	25-150		2.31	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.33	0.237	"	4.52	ND	95.7	25-150		2.26	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.56	0.228	"	4.57	ND	78.0	25-150		14.8	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	17.1	0.899	"	18.0	ND	95.1	25-150		6.95	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.8	0.909	"	18.2	ND	86.8	25-150		4.71	35	
Perfluoro-n-butanoic acid (PFBA)	14.2	0.946	"	18.9	ND	74.8	25-150		3.54	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.90	0.421	"	8.42	ND	93.8	25-150		7.11	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.16	0.473	"	9.46	ND	96.8	25-150		1.89	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	0.978	0.473	"	9.46	ND	10.3	25-150	Low Bias	22.6	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	15.3	0.473	"	9.46	ND	162	25-150	High Bias	7.63	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.93	0.222	"	4.45	ND	88.3	25-150		4.18	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.6	0.887	"	17.7	ND	87.9	25-150		0.724	30	
HFPO-DA (Gen-X)	9.34	0.946	"	9.46	ND	98.7	25-150		10.2	30	
11CL-PF3OUdS	5.56	0.894	"	8.94	ND	62.1	25-150		36.5	30	Non-dir.
9CL-PF3ONS	6.39	0.885	"	8.85	ND	72.2	25-150		24.8	30	
ADONA	7.81	0.894	"	8.94	ND	87.4	25-150		9.73	30	
Perfluorododecanesulfonic acid (PFDoS)	2.92	0.229	"	4.59	ND	63.6	25-150		23.5	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	3.39	0.227	"	4.54	ND	74.5	25-150		11.4	30	
3-Perfluoropropyl propanoic acid (FPrPA)	9.20	1.18	"	18.9	ND	48.6	25-150		1.94	30	
3-Perfluoropentyl propanoic acid (FPePA)	89.0	5.91	"	94.6	ND	94.0	25-150		9.38	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	87.3	5.91	"	94.6	ND	92.2	25-150		5.92	30	
N-MeFOSE	45.6	2.37	"	47.3	ND	96.3	25-150		13.2	30	
N-MeFOSA	4.88	0.237	"	4.73	ND	103	25-150		6.06	30	
N-EtFOSE	45.7	2.37	"	47.3	ND	96.6	25-150		5.45	30	
N-EtFOSA	4.88	0.237	"	4.73	ND	103	25-150		11.1	30	
Surrogate: M3PFBS	*3.05*		"	*2.76*		*111*	*25-150*				
Surrogate: M5PFHxA	*3.26*		"	*2.96*		*110*	*25-150*				
Surrogate: M4PFHpA	*3.06*		"	*2.96*		*104*	*25-150*				
Surrogate: M3PFHxS	*3.00*		"	*2.80*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.35*		"	*2.96*		*113*	*25-150*				
Surrogate: M6PFDA	*1.49*		"	*1.48*		*101*	*25-150*				
Surrogate: M7PFUdA	*1.42*		"	*1.48*		*96.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.16*		"	*1.48*		*78.3*	*25-150*				
Surrogate: M2PFTeDA	*1.09*		"	*1.48*		*73.4*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

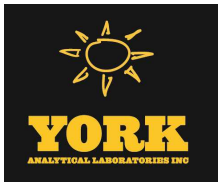
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50298 - EPA 1633 Prep											
Matrix Spike Dup (BE50298-MSD1)	*Source sample: 25E0127-07 (25SB-4 (11-13))										Prepared: 05/05/2025 Analyzed: 05/06/2025
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.627*		*ug/kg dry*	*11.8*		*5.30*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.00*		*"*	*2.83*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.31*		*"*	*5.91*		*39.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.99*		*"*	*2.96*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.45*		*"*	*5.91*		*92.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.38*		*"*	*5.91*		*90.9*	*25-150*				
Surrogate: M2-6:2 FTS	*6.59*		*"*	*5.63*		*117*	*25-200*				
Surrogate: M2-8:2 FTS	*6.07*		*"*	*5.68*		*107*	*25-200*				
Surrogate: M9PFNA	*1.34*		*"*	*1.48*		*90.4*	*25-150*				
Surrogate: M2-4:2 FTS	*7.19*		*"*	*5.55*		*130*	*25-150*				
Surrogate: d-N-MeFOSA	*1.87*		*"*	*2.96*		*63.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.69*		*"*	*2.96*		*57.0*	*25-150*				
Surrogate: M3HFPO-DA	*13.9*		*"*	*11.8*		*117*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.0*		*"*	*29.6*		*57.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.7*		*"*	*29.6*		*63.2*	*25-150*				
Batch BE50530 - EPA 1633 Prep											
Blank (BE50530-BLK1)											Prepared: 05/07/2025 Analyzed: 05/08/2025
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

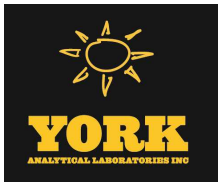
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
Blank (BE50530-BLK1)											Prepared: 05/07/2025 Analyzed: 05/08/2025
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*32.9*		"	*23.3*		*141*	*25-150*				
Surrogate: M5PFHxA	*36.4*		"	*25.0*		*146*	*25-150*				
Surrogate: M4PFHpA	*28.9*		"	*25.0*		*116*	*25-150*				
Surrogate: M3PFHxS	*34.2*		"	*23.7*		*144*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*39.0*		"	*25.0*		*156*	*25-150*				
Surrogate: M6PFDA	*17.3*		"	*12.5*		*138*	*25-150*				
Surrogate: M7PFUdA	*16.6*		"	*12.5*		*133*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.5*		"	*12.5*		*100*	*25-150*				
Surrogate: M2PFTeDA	*9.96*		"	*12.5*		*79.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.04*		"	*100*		*5.04*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*40.7*		"	*24.0*		*170*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*40.2*		"	*50.0*		*80.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*38.3*		"	*25.0*		*153*	*10-150*				
Surrogate: d3-N-MeFOSAA	*53.3*		"	*50.0*		*107*	*25-150*				
Surrogate: d5-N-EtFOSAA	*55.1*		"	*50.0*		*110*	*25-150*				
Surrogate: M2-6:2 FTS	*59.2*		"	*47.6*		*125*	*25-200*				
Surrogate: M2-8:2 FTS	*43.5*		"	*48.0*		*90.7*	*25-200*				
Surrogate: M9PFNA	*18.4*		"	*12.5*		*147*	*25-150*				
Surrogate: M2-4:2 FTS	*62.8*		"	*46.9*		*134*	*25-150*				
Surrogate: d-N-MeFOSA	*27.9*		"	*25.0*		*111*	*25-150*				
Surrogate: d-N-EtFOSA	*26.9*		"	*25.0*		*108*	*25-150*				
Surrogate: M3HFPO-DA	*141*		"	*100*		*141*	*25-150*				
Surrogate: d9-N-EtFOSE	*212*		"	*250*		*84.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*297*		"	*250*		*119*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
LCS (BE50530-BS1)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Perfluorobutanesulfonic acid (PFBS)	30.7	1.77	ng/L	35.4		86.8	50-150				
Perfluorohexanoic acid (PFHxA)	35.0	2.00	"	40.0		87.6	50-150				
Perfluoroheptanoic acid (PFHpA)	45.4	2.00	"	40.0		113	50-150				
Perfluorohexanesulfonic acid (PFHxS)	31.7	1.83	"	36.6		86.5	50-150				
Perfluorooctanoic acid (PFOA)	33.0	2.00	"	40.0		82.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	29.6	1.86	"	37.2		79.6	50-150				
Perfluorononanoic acid (PFNA)	33.8	2.00	"	40.0		84.5	50-150				
Perfluorodecanoic acid (PFDA)	34.6	2.00	"	40.0		86.5	50-150				
Perfluoroundecanoic acid (PFUnA)	38.3	2.00	"	40.0		95.7	50-150				
Perfluorododecanoic acid (PFDoA)	33.8	2.00	"	40.0		84.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	43.7	2.00	"	40.0		109	50-150				
Perfluorotetradecanoic acid (PFTA)	34.4	2.00	"	40.0		86.1	50-150				
N-MeFOSAA	38.9	2.00	"	40.0		97.3	50-150				
N-EtFOSAA	37.9	2.00	"	40.0		94.6	50-150				
Perfluoropentanoic acid (PFPeA)	70.0	4.00	"	80.0		87.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	28.1	2.00	"	40.0		70.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	30.3	1.91	"	38.2		79.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	27.0	1.93	"	38.6		69.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	120	7.60	"	152		78.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	142	7.68	"	154		92.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	104	8.00	"	160		65.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	65.1	3.56	"	71.2		91.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	59.2	4.00	"	80.0		74.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.29	4.00	"	80.0		11.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	106	4.00	"	80.0		132	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	34.1	1.88	"	37.6		90.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	121	7.50	"	150		80.7	50-150				
HFPO-DA (Gen-X)	72.7	8.00	"	80.0		90.9	50-150				
11CL-PF3OUdS	48.7	7.56	"	75.6		64.5	50-150				
9CL-PF3ONS	55.7	7.48	"	74.8		74.5	50-150				
ADONA	68.9	7.56	"	75.6		91.1	50-150				
Perfluorododecanesulfonic acid (PFDoS)	15.0	1.94	"	38.8		38.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	24.2	1.92	"	38.4		63.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	102	5.00	"	160		63.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	869	25.0	"	800		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	864	25.0	"	800		108	50-150				
N-MeFOSE	365	20.0	"	400		91.2	50-150				
N-MeFOSA	37.1	2.00	"	40.0		92.7	50-150				
N-EtFOSE	386	20.0	"	400		96.4	50-150				
N-EtFOSA	40.2	2.00	"	40.0		101	50-150				
Surrogate: M3PFBS	*29.8*		*"*	*23.3*		*128*	*25-150*				
Surrogate: M5PFHxA	*32.1*		*"*	*25.0*		*128*	*25-150*				
Surrogate: M4PFHpA	*25.5*		*"*	*25.0*		*102*	*25-150*				
Surrogate: M3PFHxS	*32.6*		*"*	*23.7*		*138*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*36.0*		*"*	*25.0*		*144*	*25-150*				
Surrogate: M6PFDA	*16.5*		*"*	*12.5*		*132*	*25-150*				
Surrogate: M7PFUdA	*12.6*		*"*	*12.5*		*101*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.7*		*"*	*12.5*		*93.4*	*25-150*				
Surrogate: M2PFTeDA	*8.18*		*"*	*12.5*		*65.4*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
LCS (BE50530-BS1)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.91*		*ng/L*	*100*		*2.91*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*40.5*		*"*	*24.0*		*169*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*30.7*		*"*	*50.0*		*61.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*36.4*		*"*	*25.0*		*146*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.2*		*"*	*50.0*		*96.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*49.3*		*"*	*50.0*		*98.6*	*25-150*				
Surrogate: M2-6:2 FTS	*55.7*		*"*	*47.6*		*117*	*25-200*				
Surrogate: M2-8:2 FTS	*45.8*		*"*	*48.0*		*95.4*	*25-200*				
Surrogate: M9PFNA	*16.3*		*"*	*12.5*		*130*	*25-150*				
Surrogate: M2-4:2 FTS	*55.8*		*"*	*46.9*		*119*	*25-150*				
Surrogate: d-N-MeFOSA	*26.5*		*"*	*25.0*		*106*	*25-150*				
Surrogate: d-N-EtFOSA	*19.6*		*"*	*25.0*		*78.4*	*25-150*				
Surrogate: M3HFPO-DA	*129*		*"*	*100*		*129*	*25-150*				
Surrogate: d9-N-EtFOSE	*186*		*"*	*250*		*74.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*242*		*"*	*250*		*96.7*	*25-150*				
LCS (BE50530-BS2)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Perfluorobutanesulfonic acid (PFBS)	2.64	1.77	ng/L	3.54		74.6	50-150				
Perfluorohexanoic acid (PFHxA)	3.12	2.00	"	4.00		77.9	50-150				
Perfluoroheptanoic acid (PFHpA)	4.13	2.00	"	4.00		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	2.56	1.83	"	3.66		69.9	50-150				
Perfluorooctanoic acid (PFOA)	2.81	2.00	"	4.00		70.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	2.35	1.86	"	3.72		63.2	50-150				
Perfluorononanoic acid (PFNA)	3.33	2.00	"	4.00		83.3	50-150				
Perfluorodecanoic acid (PFDA)	2.86	2.00	"	4.00		71.4	50-150				
Perfluoroundecanoic acid (PFUnA)	3.58	2.00	"	4.00		89.4	50-150				
Perfluorododecanoic acid (PFDoA)	3.37	2.00	"	4.00		84.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	2.95	2.00	"	4.00		73.7	50-150				
Perfluorotetradecanoic acid (PFTA)	2.95	2.00	"	4.00		73.8	50-150				
N-MeFOSAA	3.03	2.00	"	4.00		75.9	50-150				
N-EtFOSAA	2.82	2.00	"	4.00		70.4	50-150				
Perfluoropentanoic acid (PFPeA)	6.20	4.00	"	8.00		77.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.33	2.00	"	4.00		58.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.89	1.91	"	3.82		75.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	1.81	1.93	"	3.86		47.0	50-150	Low Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	9.02	7.60	"	15.2		59.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	12.1	7.68	"	15.4		78.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	9.31	8.00	"	16.0		58.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.03	3.56	"	7.12		70.7	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.1	4.00	"	8.00		126	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.997	4.00	"	8.00		12.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.72	4.00	"	8.00		109	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.00	1.88	"	3.76		79.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	10.3	7.50	"	15.0		68.7	50-150				
HFPO-DA (Gen-X)	6.63	8.00	"	8.00		82.8	50-150				
11CL-PF3OUdS	3.93	7.56	"	7.56		52.0	50-150				
9CL-PF3ONS	3.66	7.48	"	7.48		49.0	50-150	Low Bias			
ADONA	5.25	7.56	"	7.56		69.5	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
LCS (BE50530-BS2)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Perfluorododecanesulfonic acid (PFDoS)	1.20	1.94	ng/L	3.88		30.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	2.42	1.92	"	3.84		62.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	10.4	5.00	"	16.0		65.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	73.6	25.0	"	80.0		92.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	73.4	25.0	"	80.0		91.7	50-150				
N-MeFOSE	29.2	20.0	"	40.0		72.9	50-150				
N-MeFOSA	3.58	2.00	"	4.00		89.5	50-150				
N-EtFOSE	32.9	20.0	"	40.0		82.3	50-150				
N-EtFOSA	2.93	2.00	"	4.00		73.1	50-150				
Surrogate: M3PFBS	*30.7*		*"*	*23.3*		*132*	*25-150*				
Surrogate: M5PFHxA	*33.8*		*"*	*25.0*		*135*	*25-150*				
Surrogate: M4PFHpA	*26.6*		*"*	*25.0*		*106*	*25-150*				
Surrogate: M3PFHxS	*32.1*		*"*	*23.7*		*135*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*37.2*		*"*	*25.0*		*149*	*25-150*				
Surrogate: M6PFDA	*17.1*		*"*	*12.5*		*136*	*25-150*				
Surrogate: M7PFUdA	*14.8*		*"*	*12.5*		*118*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.9*		*"*	*12.5*		*95.1*	*25-150*				
Surrogate: M2PFTeDA	*11.9*		*"*	*12.5*		*95.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.80*		*"*	*100*		*3.80*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*40.2*		*"*	*24.0*		*168*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*36.8*		*"*	*50.0*		*73.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*37.2*		*"*	*25.0*		*149*	*10-150*				
Surrogate: d3-N-MeFOSAA	*49.9*		*"*	*50.0*		*99.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*53.7*		*"*	*50.0*		*107*	*25-150*				
Surrogate: M2-6:2 FTS	*55.2*		*"*	*47.6*		*116*	*25-200*				
Surrogate: M2-8:2 FTS	*42.1*		*"*	*48.0*		*87.7*	*25-200*				
Surrogate: M9PFNA	*16.8*		*"*	*12.5*		*134*	*25-150*				
Surrogate: M2-4:2 FTS	*57.6*		*"*	*46.9*		*123*	*25-150*				
Surrogate: d-N-MeFOSA	*25.9*		*"*	*25.0*		*104*	*25-150*				
Surrogate: d-N-EtFOSA	*25.1*		*"*	*25.0*		*100*	*25-150*				
Surrogate: M3HFPO-DA	*133*		*"*	*100*		*133*	*25-150*				
Surrogate: d9-N-EtFOSE	*270*		*"*	*250*		*108*	*25-150*				
Surrogate: d7-N-MeFOSE	*310*		*"*	*250*		*124*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50387 - EPA SW846-3510C Low Level											
Blank (BE50387-BLK1)								Prepared & Analyzed: 05/06/2025			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.105*		*"*	*0.200*		*52.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0613*		*"*	*0.200*		*30.6*	*30-150*				
LCS (BE50387-BS1)								Prepared & Analyzed: 05/06/2025			
4,4'-DDD	0.0748	0.00400	ug/L	0.100		74.8	40-140			20	
4,4'-DDE	0.0652	0.00400	"	0.100		65.2	40-140			20	
4,4'-DDT	0.0861	0.00400	"	0.100		86.1	40-140			20	
Aldrin	0.0424	0.00400	"	0.100		42.4	40-140			20	
alpha-BHC	0.0593	0.00400	"	0.100		59.3	40-140			20	
alpha-Chlordane	0.0616	0.00400	"	0.100		61.6	40-140			20	
beta-BHC	0.0714	0.00400	"	0.100		71.4	40-140			20	
delta-BHC	0.0527	0.00400	"	0.100		52.7	40-140			20	
Dieldrin	0.0667	0.00200	"	0.100		66.7	40-140			20	
Endosulfan I	0.0652	0.00400	"	0.100		65.2	40-140			20	
Endosulfan II	0.0783	0.00400	"	0.100		78.3	40-140			20	
Endosulfan sulfate	0.0784	0.00400	"	0.100		78.4	40-140			20	
Endrin	0.0756	0.00400	"	0.100		75.6	40-140			20	
Endrin aldehyde	0.0818	0.0100	"	0.100		81.8	40-140			20	
Endrin ketone	0.0933	0.0100	"	0.100		93.3	40-140			20	
gamma-BHC (Lindane)	0.0612	0.00400	"	0.100		61.2	40-140			20	
gamma-Chlordane	0.0619	0.0100	"	0.100		61.9	40-140			20	
Heptachlor	0.0550	0.00400	"	0.100		55.0	40-140			20	
Heptachlor epoxide	0.0667	0.00400	"	0.100		66.7	40-140			20	
Methoxychlor	0.0938	0.00400	"	0.100		93.8	40-140			20	
Surrogate: Decachlorobiphenyl	*0.124*		*"*	*0.200*		*61.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0763*		*"*	*0.200*		*38.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50387 - EPA SW846-3510C Low Level											
LCS Dup (BE50387-BSD1)					Prepared & Analyzed: 05/06/2025						
4,4'-DDD	0.0923	0.00400	ug/L	0.100		92.3	40-140		21.0	20	Non-dir.
4,4'-DDE	0.0808	0.00400	"	0.100		80.8	40-140		21.3	20	Non-dir.
4,4'-DDT	0.106	0.00400	"	0.100		106	40-140		21.1	20	Non-dir.
Aldrin	0.0569	0.00400	"	0.100		56.9	40-140		29.2	20	Non-dir.
alpha-BHC	0.0712	0.00400	"	0.100		71.2	40-140		18.2	20	
alpha-Chlordane	0.0744	0.00400	"	0.100		74.4	40-140		18.8	20	
beta-BHC	0.0850	0.00400	"	0.100		85.0	40-140		17.4	20	
delta-BHC	0.0630	0.00400	"	0.100		63.0	40-140		17.8	20	
Dieldrin	0.0822	0.00200	"	0.100		82.2	40-140		20.9	20	Non-dir.
Endosulfan I	0.0815	0.00400	"	0.100		81.5	40-140		22.3	20	Non-dir.
Endosulfan II	0.0952	0.00400	"	0.100		95.2	40-140		19.5	20	
Endosulfan sulfate	0.0956	0.00400	"	0.100		95.6	40-140		19.8	20	
Endrin	0.0935	0.00400	"	0.100		93.5	40-140		21.1	20	Non-dir.
Endrin aldehyde	0.0961	0.0100	"	0.100		96.1	40-140		16.0	20	
Endrin ketone	0.115	0.0100	"	0.100		115	40-140		20.7	20	Non-dir.
gamma-BHC (Lindane)	0.0735	0.00400	"	0.100		73.5	40-140		18.2	20	
gamma-Chlordane	0.0756	0.0100	"	0.100		75.6	40-140		20.0	20	
Heptachlor	0.0688	0.00400	"	0.100		68.8	40-140		22.3	20	Non-dir.
Heptachlor epoxide	0.0812	0.00400	"	0.100		81.2	40-140		19.5	20	
Methoxychlor	0.116	0.00400	"	0.100		116	40-140		21.6	20	Non-dir.
Surrogate: Decachlorobiphenyl	*0.157*		*"*	*0.200*		*78.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0985*		*"*	*0.200*		*49.3*	*30-150*				
Batch BE50796 - EPA 3550C											
Blank (BE50796-BLK1)					Prepared: 05/10/2025 Analyzed: 05/11/2025						
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Surrogate: Decachlorobiphenyl	*0.0538*		*"*	*0.0664*		*80.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0511*		*"*	*0.0664*		*76.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50796 - EPA 3550C											
LCS (BE50796-BS1)									Prepared: 05/10/2025 Analyzed: 05/11/2025		
4,4'-DDD	0.0350	0.00164	mg/kg wet	0.0332		105	40-140				
4,4'-DDE	0.0360	0.00164	"	0.0332		108	40-140				
4,4'-DDT	0.0368	0.00164	"	0.0332		111	40-140				
Aldrin	0.0368	0.00164	"	0.0332		111	40-140				
alpha-BHC	0.0376	0.00164	"	0.0332		113	40-140				
alpha-Chlordane	0.0371	0.00164	"	0.0332		112	40-140				
beta-BHC	0.0410	0.00164	"	0.0332		124	40-140				
delta-BHC	0.0346	0.00164	"	0.0332		104	40-140				
Dieldrin	0.0363	0.00164	"	0.0332		109	40-140				
Endosulfan I	0.0386	0.00164	"	0.0332		116	40-140				
Endosulfan II	0.0390	0.00164	"	0.0332		117	40-140				
Endosulfan sulfate	0.0376	0.00164	"	0.0332		113	40-140				
Endrin	0.0368	0.00164	"	0.0332		111	40-140				
gamma-BHC (Lindane)	0.0375	0.00164	"	0.0332		113	40-140				
Heptachlor	0.0366	0.00164	"	0.0332		110	40-140				
Surrogate: Decachlorobiphenyl	*0.0543*		*"*	*0.0664*		*81.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0569*		*"*	*0.0664*		*85.7*	*30-150*				
Matrix Spike (BE50796-MS1)	*Source sample: 25E0127-09 (25SB-10 (2-4))								Prepared: 05/10/2025 Analyzed: 05/11/2025		
4,4'-DDD	0.0299	0.00175	mg/kg dry	0.0354	ND	84.6	30-150				
4,4'-DDE	0.0283	0.00175	"	0.0354	ND	80.0	30-150				
4,4'-DDT	0.0338	0.00175	"	0.0354	ND	95.5	30-150				
Aldrin	0.0305	0.00175	"	0.0354	ND	86.1	30-150				
alpha-BHC	0.0322	0.00175	"	0.0354	ND	90.9	30-150				
alpha-Chlordane	0.0293	0.00175	"	0.0354	ND	82.8	30-150				
beta-BHC	0.0338	0.00175	"	0.0354	ND	95.6	30-150				
delta-BHC	0.0285	0.00175	"	0.0354	ND	80.4	30-150				
Dieldrin	0.0296	0.00175	"	0.0354	ND	83.6	30-150				
Endosulfan I	0.0302	0.00175	"	0.0354	ND	85.3	30-150				
Endosulfan II	0.0311	0.00175	"	0.0354	ND	87.9	30-150				
Endosulfan sulfate	0.0305	0.00175	"	0.0354	ND	86.2	30-150				
Endrin	0.0309	0.00175	"	0.0354	ND	87.4	30-150				
gamma-BHC (Lindane)	0.0319	0.00175	"	0.0354	ND	90.1	30-150				
Heptachlor	0.0313	0.00175	"	0.0354	ND	88.4	30-150				
Surrogate: Decachlorobiphenyl	*0.0526*		*"*	*0.0708*		*74.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0497*		*"*	*0.0708*		*70.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50796 - EPA 3550C											
Matrix Spike Dup (BE50796-MSD1)	*Source sample: 25E0127-09 (25SB-10 (2-4))								Prepared: 05/10/2025 Analyzed: 05/11/2025		
4,4'-DDD	0.0300	0.00175	mg/kg dry	0.0354	ND	84.7	30-150		0.0768	30	
4,4'-DDE	0.0287	0.00175	"	0.0354	ND	81.1	30-150		1.36	30	
4,4'-DDT	0.0326	0.00175	"	0.0354	ND	92.2	30-150		3.46	30	
Aldrin	0.0305	0.00175	"	0.0354	ND	86.2	30-150		0.157	30	
alpha-BHC	0.0318	0.00175	"	0.0354	ND	89.8	30-150		1.19	30	
alpha-Chlordane	0.0296	0.00175	"	0.0354	ND	83.5	30-150		0.902	30	
beta-BHC	0.0337	0.00175	"	0.0354	ND	95.1	30-150		0.498	30	
delta-BHC	0.0287	0.00175	"	0.0354	ND	81.1	30-150		0.848	30	
Dieldrin	0.0297	0.00175	"	0.0354	ND	84.0	30-150		0.418	30	
Endosulfan I	0.0305	0.00175	"	0.0354	ND	86.3	30-150		1.06	30	
Endosulfan II	0.0316	0.00175	"	0.0354	ND	89.3	30-150		1.52	30	
Endosulfan sulfate	0.0302	0.00175	"	0.0354	ND	85.2	30-150		1.20	30	
Endrin	0.0317	0.00175	"	0.0354	ND	89.7	30-150		2.51	30	
gamma-BHC (Lindane)	0.0314	0.00175	"	0.0354	ND	88.7	30-150		1.62	30	
Heptachlor	0.0310	0.00175	"	0.0354	ND	87.7	30-150		0.755	30	
Surrogate: Decachlorobiphenyl	*0.0486*		*"*	*0.0708*		*68.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0489*		*"*	*0.0708*		*69.0*	*30-150*				
Batch BE50801 - EPA 3550C											
Blank (BE50801-BLK1)									Prepared: 05/11/2025 Analyzed: 05/12/2025		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Surrogate: Decachlorobiphenyl	*0.0517*		*"*	*0.0664*		*77.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0512*		*"*	*0.0664*		*77.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50801 - EPA 3550C											
LCS (BE50801-BS1)									Prepared: 05/11/2025 Analyzed: 05/12/2025		
4,4'-DDD	0.0329	0.00164	mg/kg wet	0.0332		99.0	40-140				
4,4'-DDE	0.0344	0.00164	"	0.0332		103	40-140				
4,4'-DDT	0.0338	0.00164	"	0.0332		102	40-140				
Aldrin	0.0351	0.00164	"	0.0332		106	40-140				
alpha-BHC	0.0358	0.00164	"	0.0332		108	40-140				
alpha-Chlordane	0.0347	0.00164	"	0.0332		104	40-140				
beta-BHC	0.0390	0.00164	"	0.0332		117	40-140				
delta-BHC	0.0330	0.00164	"	0.0332		99.3	40-140				
Dieldrin	0.0338	0.00164	"	0.0332		102	40-140				
Endosulfan I	0.0349	0.00164	"	0.0332		105	40-140				
Endosulfan II	0.0366	0.00164	"	0.0332		110	40-140				
Endosulfan sulfate	0.0348	0.00164	"	0.0332		105	40-140				
Endrin	0.0341	0.00164	"	0.0332		103	40-140				
gamma-BHC (Lindane)	0.0361	0.00164	"	0.0332		109	40-140				
Heptachlor	0.0342	0.00164	"	0.0332		103	40-140				
Surrogate: Decachlorobiphenyl	*0.0514*		*"*	*0.0664*		*77.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0504*		*"*	*0.0664*		*75.9*	*30-150*				
Matrix Spike (BE50801-MS1)	*Source sample: 25E0127-07 (25SB-4 (11-13))								Prepared: 05/11/2025 Analyzed: 05/12/2025		
4,4'-DDD	0.0383	0.00195	mg/kg dry	0.0394	ND	97.2	30-150				
4,4'-DDE	0.0400	0.00195	"	0.0394	ND	102	30-150				
4,4'-DDT	0.0387	0.00195	"	0.0394	ND	98.2	30-150				
Aldrin	0.0410	0.00195	"	0.0394	ND	104	30-150				
alpha-BHC	0.0419	0.00195	"	0.0394	ND	106	30-150				
alpha-Chlordane	0.0404	0.00195	"	0.0394	ND	103	30-150				
beta-BHC	0.0452	0.00195	"	0.0394	ND	115	30-150				
delta-BHC	0.0381	0.00195	"	0.0394	ND	96.8	30-150				
Dieldrin	0.0392	0.00195	"	0.0394	ND	99.6	30-150				
Endosulfan I	0.0406	0.00195	"	0.0394	ND	103	30-150				
Endosulfan II	0.0426	0.00195	"	0.0394	ND	108	30-150				
Endosulfan sulfate	0.0405	0.00195	"	0.0394	ND	103	30-150				
Endrin	0.0394	0.00195	"	0.0394	ND	100	30-150				
gamma-BHC (Lindane)	0.0419	0.00195	"	0.0394	ND	107	30-150				
Heptachlor	0.0394	0.00195	"	0.0394	ND	100	30-150				
Surrogate: Decachlorobiphenyl	*0.0589*		*"*	*0.0788*		*74.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0585*		*"*	*0.0788*		*74.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50801 - EPA 3550C											
Matrix Spike Dup (BE50801-MSD1)	*Source sample: 25E0127-07 (25SB-4 (11-13))								Prepared: 05/11/2025 Analyzed: 05/12/2025		
4,4'-DDD	0.0480	0.00195	mg/kg dry	0.0394	ND	122	30-150		22.5	30	
4,4'-DDE	0.0499	0.00195	"	0.0394	ND	127	30-150		22.0	30	
4,4'-DDT	0.0462	0.00195	"	0.0394	ND	117	30-150		17.7	30	
Aldrin	0.0497	0.00195	"	0.0394	ND	126	30-150		19.3	30	
alpha-BHC	0.0500	0.00195	"	0.0394	ND	127	30-150		17.7	30	
alpha-Chlordane	0.0498	0.00195	"	0.0394	ND	126	30-150		20.8	30	
beta-BHC	0.0540	0.00195	"	0.0394	ND	137	30-150		17.7	30	
delta-BHC	0.0461	0.00195	"	0.0394	ND	117	30-150		19.0	30	
Dieldrin	0.0488	0.00195	"	0.0394	ND	124	30-150		21.8	30	
Endosulfan I	0.0501	0.00195	"	0.0394	ND	127	30-150		21.0	30	
Endosulfan II	0.0528	0.00195	"	0.0394	ND	134	30-150		21.3	30	
Endosulfan sulfate	0.0514	0.00195	"	0.0394	ND	131	30-150		23.7	30	
Endrin	0.0492	0.00195	"	0.0394	ND	125	30-150		22.2	30	
gamma-BHC (Lindane)	0.0502	0.00195	"	0.0394	ND	127	30-150		17.8	30	
Heptachlor	0.0478	0.00195	"	0.0394	ND	121	30-150		19.3	30	
Surrogate: Decachlorobiphenyl	*0.0716*		*"*	*0.0788*		*90.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0704*		*"*	*0.0788*		*89.4*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50386 - EPA SW846-3510C Low Level											
Blank (BE50386-BLK1)									Prepared: 05/06/2025 Analyzed: 05/07/2025		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0550*		"	*0.200*		*27.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0820*		"	*0.200*		*41.0*	*30-150*				
LCS (BE50386-BS2)									Prepared: 05/06/2025 Analyzed: 05/07/2025		
Aroclor 1016	0.752	0.0500	ug/L	1.00		75.2	40-120			20	
Aroclor 1260	0.780	0.0500	"	1.00		78.0	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0920*		"	*0.200*		*46.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.109*		"	*0.200*		*54.5*	*30-150*				
LCS Dup (BE50386-BSD2)									Prepared: 05/06/2025 Analyzed: 05/07/2025		
Aroclor 1016	0.607	0.0500	ug/L	1.00		60.7	40-120		21.4	20	Non-dir.
Aroclor 1260	0.642	0.0500	"	1.00		64.2	40-120		19.4	20	
Surrogate: Tetrachloro-m-xylene	*0.0750*		"	*0.200*		*37.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0850*		"	*0.200*		*42.5*	*30-150*				
Batch BE50795 - EPA 3550C											
Blank (BE50795-BLK1)									Prepared: 05/10/2025 Analyzed: 05/11/2025		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0522*		"	*0.0664*		*78.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0478*		"	*0.0664*		*72.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50795 - EPA 3550C											
LCS (BE50795-BS2)								Prepared: 05/10/2025 Analyzed: 05/11/2025			
Aroclor 1016	0.286	0.0166	mg/kg wet	0.332		85.9	40-130				
Aroclor 1260	0.269	0.0166	"	0.332		81.0	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0495*		"	*0.0664*		*74.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0419*		"	*0.0664*		*63.0*	*30-120*				
Matrix Spike (BE50795-MS2)	*Source sample: 25E0127-09 (25SB-10 (2-4))							Prepared: 05/10/2025 Analyzed: 05/11/2025			
Aroclor 1016	0.156	0.0177	mg/kg dry	0.354	ND	44.0	40-140				
Aroclor 1260	0.194	0.0177	"	0.354	ND	54.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0432*		"	*0.0708*		*61.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0396*		"	*0.0708*		*56.0*	*30-120*				
Matrix Spike Dup (BE50795-MSD2)	*Source sample: 25E0127-09 (25SB-10 (2-4))							Prepared: 05/10/2025 Analyzed: 05/11/2025			
Aroclor 1016	0.125	0.0177	mg/kg dry	0.354	ND	35.2	40-140	Low Bias	22.3	50	
Aroclor 1260	0.185	0.0177	"	0.354	ND	52.2	40-140		4.90	50	
Surrogate: Tetrachloro-m-xylene	*0.0481*		"	*0.0708*		*68.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0428*		"	*0.0708*		*60.5*	*30-120*				
Batch BE50800 - EPA 3550C											
Blank (BE50800-BLK2)								Prepared: 05/11/2025 Analyzed: 05/12/2025			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0571*		"	*0.0664*		*86.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0498*		"	*0.0664*		*75.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50800 - EPA 3550C											
LCS (BE50800-BS2)									Prepared: 05/11/2025 Analyzed: 05/12/2025		
Aroclor 1016	0.315	0.0166	mg/kg wet	0.332		94.7	40-130				
Aroclor 1260	0.316	0.0166	"	0.332		95.0	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0492*		"	*0.0664*		*74.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0472*		"	*0.0664*		*71.0*	*30-120*				
Matrix Spike (BE50800-MS2)	*Source sample: 25E0127-07 (25SB-4 (11-13))								Prepared: 05/11/2025 Analyzed: 05/12/2025		
Aroclor 1016	0.401	0.0197	mg/kg dry	0.394	ND	102	40-140				
Aroclor 1260	0.392	0.0197	"	0.394	ND	99.6	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0654*		"	*0.0788*		*83.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0603*		"	*0.0788*		*76.5*	*30-120*				
Matrix Spike Dup (BE50800-MSD2)	*Source sample: 25E0127-07 (25SB-4 (11-13))								Prepared: 05/11/2025 Analyzed: 05/12/2025		
Aroclor 1016	0.340	0.0197	mg/kg dry	0.394	ND	86.3	40-140		16.5	50	
Aroclor 1260	0.332	0.0197	"	0.394	ND	84.4	40-140		16.5	50	
Surrogate: Tetrachloro-m-xylene	*0.0536*		"	*0.0788*		*68.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0528*		"	*0.0788*		*67.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50290 - EPA 3015A											
Blank (BE50290-BLK1)											Prepared: 05/05/2025 Analyzed: 05/06/2025
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.0877	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BE50290-BS1)											Prepared: 05/05/2025 Analyzed: 05/06/2025
Aluminum	1.84		ug/mL	2.00		91.9	80-120				
Barium	1.91		"	2.00		95.3	80-120				
Calcium	1.34		"	1.00		134	80-120	High Bias			
Chromium	0.190		"	0.200		95.0	80-120				
Cobalt	0.478		"	0.500		95.5	80-120				
Copper	0.242		"	0.250		96.9	80-120				
Iron	0.904		"	1.00		90.4	80-120				
Lead	0.432		"	0.500		86.3	80-120				
Magnesium	0.943		"	1.00		94.3	80-120				
Manganese	0.472		"	0.500		94.4	80-120				
Nickel	0.476		"	0.500		95.3	80-120				
Potassium	0.981		"	1.00		98.1	80-120				
Silver	0.0453		"	0.0500		90.6	80-120				
Sodium	1.08		"	1.00		108	80-120				
Vanadium	0.463		"	0.500		92.5	80-120				
Zinc	0.476		"	0.500		95.3	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50406 - EPA 3050B											
Blank (BE50406-BLK1)											Prepared: 05/06/2025 Analyzed: 05/07/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BE50406-DUP1)	*Source sample: 25E0127-07 (25SB-4 (11-13))										Prepared: 05/06/2025 Analyzed: 05/07/2025
Aluminum	7130	4.94	mg/kg dry		7700				7.57	35	
Antimony	ND	2.47	"		ND					35	
Arsenic	ND	1.48	"		ND					35	
Barium	39.5	2.47	"		44.5				11.9	35	
Beryllium	ND	0.050	"		ND					35	
Cadmium	ND	0.296	"		ND					35	
Calcium	2560	4.94	"		2730				6.48	35	
Chromium	16.7	0.494	"		17.8				6.37	35	
Cobalt	6.61	0.395	"		7.24				9.13	35	
Copper	15.5	1.98	"		16.8				8.26	35	
Iron	12600	24.7	"		13500				7.00	35	
Lead	3.38	0.494	"		3.27				3.27	35	
Magnesium	4510	4.94	"		4870				7.53	35	
Manganese	253	0.494	"		273				7.27	35	
Nickel	12.9	0.984	"		14.0				8.37	35	
Potassium	1180	4.94	"		1270				7.13	35	
Selenium	ND	2.47	"		ND					35	
Silver	ND	0.498	"		ND					35	
Sodium	892	49.4	"		964				7.73	35	
Thallium	ND	1.98	"		ND					35	
Vanadium	22.7	0.984	"		24.1				6.25	35	
Zinc	33.8	2.46	"		36.8				8.45	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50406 - EPA 3050B											
Matrix Spike (BE50406-MS1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared: 05/06/2025 Analyzed: 05/07/2025			
Aluminum	7530	4.94	mg/kg dry	198	7700	NR	75-125	Low Bias			
Antimony	5.04	2.47	"	24.7	ND	20.4	75-125	Low Bias			
Arsenic	150	1.48	"	198	ND	76.1	75-125				
Barium	211	2.47	"	198	44.5	84.2	75-125				
Beryllium	3.68	0.050	"	4.94	ND	74.5	75-125	Low Bias			
Cadmium	3.68	0.296	"	4.94	ND	74.6	75-125	Low Bias			
Calcium	2750	4.94	"	98.8	2730	13.3	75-125	Low Bias			
Chromium	33.3	0.494	"	19.8	17.8	79.0	75-125				
Cobalt	48.1	0.395	"	49.4	7.24	82.8	75-125				
Copper	38.5	1.98	"	24.7	16.8	87.7	75-125				
Iron	13100	24.7	"	98.8	13500	NR	75-125	Low Bias			
Lead	38.6	0.494	"	49.4	3.27	71.6	75-125	Low Bias			
Magnesium	4750	4.94	"	98.8	4870	NR	75-125	Low Bias			
Manganese	295	0.494	"	49.4	273	45.6	75-125	Low Bias			
Nickel	53.5	0.984	"	49.4	14.0	79.9	75-125				
Potassium	1290	4.94	"	98.8	1270	25.2	75-125	Low Bias			
Selenium	143	2.47	"	198	ND	72.1	75-125	Low Bias			
Silver	3.93	0.498	"	4.94	ND	79.6	75-125				
Sodium	1010	49.4	"	98.8	964	47.6	75-125	Low Bias			
Thallium	147	1.98	"	198	ND	74.6	75-125	Low Bias			
Vanadium	64.2	0.984	"	49.4	24.1	81.2	75-125				
Zinc	74.5	2.46	"	49.4	36.8	76.4	75-125				
Post Spike (BE50406-PS1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared: 05/06/2025 Analyzed: 05/07/2025			
Aluminum	78.8		ug/mL	2.00	77.9	46.9	75-125	Low Bias			
Antimony	0.209		"	0.250	-0.005	83.8	75-125				
Arsenic	1.61		"	2.00	0.013	79.7	75-125				
Barium	2.14		"	2.00	0.450	84.5	75-125				
Beryllium	0.037		"	0.0500	-0.003	73.1	75-125	Low Bias			
Cadmium	0.039		"	0.0500	0.0008	76.8	75-125				
Calcium	28.3		"	1.00	27.7	60.7	75-125	Low Bias			
Chromium	0.339		"	0.200	0.180	79.6	75-125				
Cobalt	0.485		"	0.500	0.073	82.4	75-125				
Copper	0.386		"	0.250	0.170	86.3	75-125				
Iron	136		"	1.00	136	NR	75-125	Low Bias			
Lead	0.402		"	0.500	0.033	73.8	75-125	Low Bias			
Magnesium	49.8		"	1.00	49.3	47.7	75-125	Low Bias			
Manganese	3.13		"	0.500	2.76	73.4	75-125	Low Bias			
Nickel	0.537		"	0.500	0.142	78.9	75-125				
Potassium	13.5		"	1.00	12.8	61.9	75-125	Low Bias			
Selenium	1.53		"	2.00	-0.004	76.7	75-125				
Silver	0.038		"	0.0500	-0.0008	76.6	75-125				
Sodium	10.5		"	1.00	9.76	76.9	75-125				
Thallium	1.57		"	2.00	-0.009	78.4	75-125				
Vanadium	0.651		"	0.500	0.244	81.3	75-125				
Zinc	0.757		"	0.500	0.372	76.9	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50406 - EPA 3050B											
Reference (BE50406-SRM1)								Prepared: 05/06/2025 Analyzed: 05/07/2025			
Aluminum	6350	4.17	mg/kg wet	7680		82.7	47.4-130.2				
Antimony	61.8	2.08	"	250		24.7	2.4-102.4				
Arsenic	175	1.25	"	229		76.3	68.1-99.6				
Barium	199	2.08	"	244		81.5	73.4-106.1				
Beryllium	130	0.042	"	165		78.9	72.7-104.2				
Cadmium	99.4	0.250	"	134		74.2	69.5-100.7				
Calcium	3560	4.17	"	4280		83.3	78.5-112.1				
Chromium	140	0.417	"	172		81.4	72.1-105.8				
Cobalt	214	0.333	"	253		84.4	75.9-107.1				
Copper	87.6	1.67	"	99.6		88.0	76.1-107.4				
Iron	6130	20.8	"	7360		83.3	57.9-132.7				
Lead	122	0.417	"	153		80.0	75.2-109.2				
Magnesium	1740	4.17	"	2060		84.6	70.4-114				
Manganese	355	0.417	"	442		80.3	73.3-107.9				
Nickel	132	0.830	"	165		80.2	70.9-103				
Potassium	1640	4.17	"	1950		84.2	65.1-115.4				
Selenium	85.4	2.08	"	107		79.8	69.4-107.5				
Silver	18.4	0.420	"	83.9		22.0	72.8-110.7	Low Bias			
Sodium	645	41.7	"	732		88.2	66.5-113.9				
Thallium	163	1.67	"	208		78.4	70.7-105.3				
Vanadium	144	0.830	"	179		80.6	69.8-108.4				
Zinc	259	2.08	"	327		79.1	68.2-107.3				
Batch BE50409 - EPA 3050B											
Blank (BE50409-BLK1)								Prepared: 05/06/2025 Analyzed: 05/07/2025			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50409 - EPA 3050B											
Reference (BE50409-SRM1)								Prepared: 05/06/2025 Analyzed: 05/07/2025			
Aluminum	5950	4.17	mg/kg wet	7680		77.5	47.4-130.2				
Antimony	56.8	2.08	"	250		22.7	2.4-102.4				
Arsenic	165	1.25	"	229		72.1	68.1-99.6				
Barium	199	2.08	"	244		81.5	73.4-106.1				
Beryllium	125	0.042	"	165		75.7	72.7-104.2				
Cadmium	94.3	0.250	"	134		70.4	69.5-100.7				
Calcium	3330	4.17	"	4280		77.7	78.5-112.1	Low Bias			
Chromium	133	0.417	"	172		77.2	72.1-105.8				
Cobalt	204	0.333	"	253		80.5	75.9-107.1				
Copper	83.6	1.67	"	99.6		84.0	76.1-107.4				
Iron	5670	20.8	"	7360		77.0	57.9-132.7				
Lead	113	0.417	"	153		73.9	75.2-109.2	Low Bias			
Magnesium	1630	4.17	"	2060		79.2	70.4-114				
Manganese	343	0.417	"	442		77.5	73.3-107.9				
Nickel	128	0.830	"	165		77.4	70.9-103				
Potassium	1540	4.17	"	1950		79.0	65.1-115.4				
Selenium	84.7	2.08	"	107		79.2	69.4-107.5				
Silver	65.7	0.420	"	83.9		78.3	72.8-110.7				
Sodium	608	41.7	"	732		83.1	66.5-113.9				
Thallium	156	1.67	"	208		75.2	70.7-105.3				
Vanadium	134	0.830	"	179		74.9	69.8-108.4				
Zinc	244	2.08	"	327		74.6	68.2-107.3				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50288 - EPA 3015A											
Blank (BE50288-BLK1)											Prepared: 05/05/2025 Analyzed: 05/07/2025
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BE50288-BS1)											Prepared: 05/05/2025 Analyzed: 05/07/2025
Antimony	46.9		ug/L	50.0		93.8	80-120				
Arsenic	48.2		"	50.0		96.4	80-120				
Beryllium	47.9		"	50.0		95.9	80-120				
Cadmium	45.5		"	50.0		91.1	80-120				
Selenium	50.4		"	50.0		101	80-120				
Thallium	44.3		"	50.0		88.6	80-120				
Duplicate (BE50288-DUP1)	*Source sample: 25E0127-11 (FB-1)										Prepared: 05/05/2025 Analyzed: 05/07/2025
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	ND	1.11	"		1.58					20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BE50288-MS1)	*Source sample: 25E0127-11 (FB-1)										Prepared: 05/05/2025 Analyzed: 05/07/2025
Antimony	41.2		ug/L	50.0	-0.121	82.5	75-125				
Arsenic	48.8		"	50.0	0.330	97.0	75-125				
Beryllium	46.8		"	50.0	0.011	93.6	75-125				
Cadmium	40.8		"	50.0	0.057	81.5	75-125				
Selenium	46.4		"	50.0	1.42	89.9	75-125				
Thallium	41.5		"	50.0	0.073	82.9	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50565 - EPA 7473 soil											
Blank (BE50565-BLK1)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BE50565-DUP1)	*Source sample: 25E0127-01 (25-SB-DUP-1(0-2))							Prepared: 05/07/2025 Analyzed: 05/08/2025			
Mercury	0.136	0.0334	mg/kg dry		0.163				18.1	35	
Matrix Spike (BE50565-MS1)	*Source sample: 25E0127-01 (25-SB-DUP-1(0-2))							Prepared: 05/07/2025 Analyzed: 05/08/2025			
Mercury	0.745		mg/kg	1.00	0.147	59.8	75-125	Low Bias			
Reference (BE50565-SRM1)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Mercury	17.402		mg/kg	24.0		72.5	55.8-109.6				
Batch BE50578 - EPA 7473 soil											
Blank (BE50578-BLK1)								Prepared & Analyzed: 05/08/2025			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BE50578-DUP1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared & Analyzed: 05/08/2025			
Mercury	ND	0.0356	mg/kg dry		ND					35	
Matrix Spike (BE50578-MS1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared & Analyzed: 05/08/2025			
Mercury	0.388		mg/kg	1.00	0.0151	37.3	75-125	Low Bias			
Reference (BE50578-SRM1)								Prepared & Analyzed: 05/08/2025			
Mercury	14.352		mg/kg	24.0		59.8	55.8-109.6				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50196 - Analysis Preparation											
Blank (BE50196-BLK1)								Prepared & Analyzed: 05/02/2025			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BE50196-BS1)								Prepared & Analyzed: 05/02/2025			
Chromium, Hexavalent	0.450	0.0100	mg/L	0.500		90.0	85-115				
Batch BE50359 - EPA SW846-3060											
Blank (BE50359-BLK1)								Prepared & Analyzed: 05/06/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BE50359-SRM1)								Prepared & Analyzed: 05/06/2025			
Chromium, Hexavalent	126		mg/L	227		55.7	42.3-157.7				
Batch BE50403 - EPA SW846-3060											
Blank (BE50403-BLK1)								Prepared & Analyzed: 05/06/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BE50403-DUP1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared & Analyzed: 05/06/2025			
Chromium, Hexavalent	ND	0.593	mg/kg dry		ND					35	
Matrix Spike (BE50403-MS1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared & Analyzed: 05/06/2025			
Chromium, Hexavalent	22.5	0.593	mg/kg dry	23.7	ND	95.0	75-125				
Matrix Spike Dup (BE50403-MSD1)	*Source sample: 25E0127-07 (25SB-4 (11-13))							Prepared & Analyzed: 05/06/2025			
Chromium, Hexavalent	19.6	0.593	mg/kg dry	23.7	ND	82.5	75-125		14.1	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50403 - EPA SW846-3060											
Reference (BE50403-SRM1)								Prepared & Analyzed: 05/06/2025			
Chromium, Hexavalent	189		mg/L	227		83.2	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50436 - % Solids Prep											
Duplicate (BE50436-DUP1)	*Source sample: 25E0127-07 (25SB-4 (11-13))								Prepared & Analyzed: 05/06/2025		
% Solids	83.5	0.100	%		84.4				0.969	20	

E245.1 - Quality Control Data

Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 783276A - SW7470A											
BLK (CT21475-BLK)								Prepared & Analyzed: 05/08/2025			
Mercury	BRL	0.0002	mg/L			BRL	-				
LCS (CT21475-LCS)								Prepared & Analyzed: 05/08/2025			
Mercury	0.002528	0.0002	mg/L	0.0025		101	75-125			20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25E0127-01	25-SB-DUP-1(0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0127-02	25SB-2 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0127-03	25SB-2 (5-7)	40mL Vial with Stir Bar-Cool 4° C
25E0127-04	25SB-2 (12.5-14.5)	40mL Vial with Stir Bar-Cool 4° C
25E0127-05	25SB-4 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0127-06	25SB-4 (3-5)	40mL Vial with Stir Bar-Cool 4° C
25E0127-07	25SB-4 (11-13)	40mL Vial with Stir Bar-Cool 4° C
25E0127-08	25SB-10 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0127-09	25SB-10 (2-4)	40mL Vial with Stir Bar-Cool 4° C
25E0127-10	25SB-10 (11-13)	40mL Vial with Stir Bar-Cool 4° C
25E0127-11	FB-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E0127-12	TB-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
S-08	The recovery of this surrogate was outside of QC limits.
S-Alk	The surrogate recoveries for the acid surrogates in the sample recovered below control limits due to a highly alkaline matrix present in the sample. This is common when concrete or mixtures containing concrete or limestone are encountered.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
PCB-Tot	It is noted that other PCB species were detected in the sample other than those reported and may include PCB 1262 and PCB 1268.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 25E0127

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	32-20 38th Avenue, Queens New York	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
Phone.: (347) 871-0750	Company:	Company:	Purchase Order #	RUSH-Two Day
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_X_NJ__	RUSH-Four Day
				Standard (5-7day)

Report/Deliverable Type

Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel *compared to:* Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxane/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25-SB-DUP - 1(0-2')	5/2/2025 0913	S	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals, PFAS (1633), 1,4 Dioxane, hex chrome, trivalent chrome	1-4oz Jar, 1- 8 oz jar, 1- terracore
~~25-SB-DUP - 2(0-2')~~	~~5/2/2025 1251~~	S	Same as above	same as above
~~25-SB-DUP~~	~~5/ /2025~~	S	Same as above	same as above
25-SB- -MS - 1	5/2/2025 1135	S	Same as above	same as above
~~25-SB- -MS~~	~~5/ /2025~~	S	Same as above	same as above
~~25-SB- -MS~~	~~5/ /2025~~	S	Same as above	same as above
25-SB- -MSD - 1	5/2/2025 1136	S	Same as above	same as above
~~25-SB- -MSD~~	~~5/ /2025~~	S	Same as above	same as above
~~25-SB- -MSD~~	~~5/ /2025~~	S	Same as above	same as above

Comments:

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	5/2/25 1400	[signature]	5-2-25 19:50	2.6 °C
[signature]	5-2-23 4pm	K Bukowski	5/2/25 4pm P	
K Bukowski	5-2-25 19:50			

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 25E0127

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	32-20 38th Avenue, Queens New York	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
Phone.: (347) 871-0750	Company:	Company:	Purchase Order #	RUSH-Two Day
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	RUSH-Four Day
				Standard (5-7day)

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to:
Part 375 Unrestricted Use and Restricted Residential Use

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

D. Klein
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB- 2 (0-2)	5/2/2025 0912	S	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals, PFAS (1633), 1,4 Dioxane, hex chrome, trivalent chrome	1-4oz jar 1- 8 oz jar, 1- terracore
25SB- 2 (4-5) (5-7)	5/2/2025 0915	S	Same as above	same as above
25SB- 2 (12.5-14.5)	5/2/2025 0920	S	Same as above	same as above
25SB- 4 (0-2)	5/2/2025 1130	S	Same as above	same as above
25SB- 4 (3-5)	5/2/2025 1132	S	Same as above	same as above
25SB- 4 (11-13)	5/2/2025 1134	S	Same as above	same as above
25SB- 10 (0-2)	5/2/2025 1250	S	Same as above	same as above
25SB- 10 (2-4)	5/2/2025 1252	S	Same as above	same as above
25SB- 10 (11-13)	5/2/2025 1400	S	Same as above	same as above
~~25SB-~~	~~5/2/2025~~	S	Same as above	same as above
~~25SB-~~	~~5/2/2025~~	S	Same as above	same as above
~~25SB-~~	~~5/2/2025~~	S	Same as above	same as above
FB-1	5/2/25 - 0930	FB	SAA TCL VOCs	5- 1L Ambers, 3- VOAs, 2- Plastic BOAs 2- VOAs
TB-1	5/2/25 LAB	TB		

Comments:

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
Vektor 5/2/25	1400		5-2-25 1400	
	5-2-25 4pm		5/2/25 19:50	2.6 °C

Page 240 of 240

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 05/22/2025
Client Project ID: 32-20 38th Avenue, Queens New York
York Project (SDG) No.: 25E0212

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/22/2025
Client Project ID: 32-20 38th Avenue, Queens New York
York Project (SDG) No.: 25E0212

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 05, 2025 and listed below. The project was identified as your project: **32-20 38th Avenue, Queens New York**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25E0212-01	25SB-12 (0-2)	Soil	05/05/2025	05/05/2025
25E0212-02	25SB-12 (3-5)	Soil	05/05/2025	05/05/2025
25E0212-03	25SB-12 (11-13)	Soil	05/05/2025	05/05/2025
25E0212-04	25SB-13 (0-2)	Soil	05/05/2025	05/05/2025
25E0212-05	25SB-13 (3-5)	Soil	05/05/2025	05/05/2025
25E0212-06	25SB-13 (13-15)	Soil	05/05/2025	05/05/2025
25E0212-07	25SB-9 (0-2)	Soil	05/05/2025	05/05/2025
25E0212-08	25SB-9 (2-4)	Soil	05/05/2025	05/05/2025
25E0212-09	25SB-9 (12-14)	Soil	05/05/2025	05/05/2025
25E0212-10	25SB-6 (0-2)	Soil	05/05/2025	05/05/2025
25E0212-11	25SB-6 (3-5)	Soil	05/05/2025	05/05/2025
25E0212-12	25SB-6 (11.5-13.5)	Soil	05/05/2025	05/05/2025
25E0212-13	FB-2	Water	05/05/2025	05/05/2025
25E0212-14	TB-2	Water	05/05/2025	05/05/2025
25E0212-15	25SB-5 (0-2)	Soil	05/05/2025	05/05/2025
25E0212-16	25SB-5 (3-5)	Soil	05/05/2025	05/05/2025
25E0212-17	25SB-5 (11-13)	Soil	05/05/2025	05/05/2025
25E0212-18	25SB-DUP-2 (11-13)	Soil	05/05/2025	05/05/2025

General Notes for York Project (SDG) No.: 25E0212

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 05/22/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 25SB-12 (0-2)

York Sample ID: 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.021**	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.073**		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**3.71**	J	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**11.2**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	CCVE	mg/kg dry	8.95	17.9	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**16.9**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	8.95	17.9	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**31.4**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**29.0**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**27.6**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**22.1**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**26.0**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**9.18**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**28.8**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**4.18**	J	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**7.14**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**71.5**	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**9.07**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**24.6**	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**15.3**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**71.4**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**53.1**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	8.95	17.9	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*42.0 %*	*23-114*

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.0 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 12:00	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.192	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0574	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.813	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.818	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	ug/kg dry	0.118	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.386	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:16	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:16	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0672	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:16	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:16	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.645	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.659	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.337	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.267	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:16	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:16	AM

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.687	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:16	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:16	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:16	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.662	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:16	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:16	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.755	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:16	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:16	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*135 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*133 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*107 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*129 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*137 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*120 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*111 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*86.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*11.3 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*169 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*114 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*105 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*115 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*123 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*73.6 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*82.4 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*125 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*91.5 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*111 %*		*25-150*

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0357	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-120*

Lead TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311	05/22/2025 08:20	05/22/2025 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-12 (0-2)

York Sample ID: 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7890**		mg/kg dry	4.52	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	**Antimony**	**5.24**		mg/kg dry	2.26	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**10.3**		mg/kg dry	1.36	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**242**		mg/kg dry	2.26	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.204**		mg/kg dry	0.046	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.36**		mg/kg dry	0.271	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3320**		mg/kg dry	4.52	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.8**		mg/kg dry	0.453	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.91**		mg/kg dry	0.362	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**172**		mg/kg dry	1.81	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**18800**		mg/kg dry	22.6	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3720**		mg/kg dry	0.453	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2180**		mg/kg dry	4.53	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**257**		mg/kg dry	0.453	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.4**		mg/kg dry	0.901	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**910**		mg/kg dry	4.53	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.456	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**231**		mg/kg dry	45.2	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.81	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**24.6**		mg/kg dry	0.901	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**524**		mg/kg dry	2.25	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.563**		mg/kg dry	0.0326	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.543	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.8**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.1**		%	0.100	1	SM 2540G	05/07/2025 09:32	05/07/2025 12:00	smm
							Certifications:	CTDOH-PH-0723		

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/20/2025 16:36	05/21/2025 11:18	TAJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0061**	J, B	mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.0081**		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	CAL-E, CCVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND	CAL-E	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0539**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0733**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0927**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0611**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	**Di-n-octyl phthalate**	**0.0920**	CCVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0654**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0856**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0525**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0582**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*24.4 %*	*23-114*

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*28.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*29.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*40.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*35.5 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 12:16	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*106 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.192	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0576	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.199	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.202	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.815	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.821	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	ug/kg dry	0.118	0.870	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.387	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:32	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.210	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:32	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0674	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:32	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:32	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.647	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.661	0.870	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.338	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.267	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:32	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:32	AM

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.689	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:32	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.28	5.44	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:32	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.44	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:32	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.664	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:32	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:32	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.758	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:32	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:32	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*129 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*137 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*78.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.40 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*148 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*34.8 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*132 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.0 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*107 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*101 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*83.1 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*122 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*113 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.2 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*126 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*105 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*119 %*		*25-150*

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*70.9 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*93.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*83.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10500**		mg/kg dry	4.54	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.69**		mg/kg dry	1.36	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**43.9**		mg/kg dry	2.27	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.219**		mg/kg dry	0.046	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.272	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1290**		mg/kg dry	4.54	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.7**		mg/kg dry	0.454	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.55**		mg/kg dry	0.363	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**27.7**		mg/kg dry	1.82	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**12200**		mg/kg dry	22.7	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**39.5**		mg/kg dry	0.454	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2420**		mg/kg dry	4.54	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**283**		mg/kg dry	0.454	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.8**		mg/kg dry	0.904	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**828**		mg/kg dry	4.54	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**88.5**		mg/kg dry	45.4	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.82	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.3**		mg/kg dry	0.904	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**46.9**		mg/kg dry	2.26	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.319**		mg/kg dry	0.0327	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.545	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.7**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.8**		%	0.100	1	SM 2540G	05/07/2025 09:32	05/07/2025 12:00	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-12 (11-13)** **York Sample ID:** **25E0212-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.064	0.13	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0096	0.019	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	CAL-E, CCVE	mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.197	0.394	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND	CAL-E	mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.394	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.197	0.394	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*24.8 %*	*23-114*

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*29.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*27.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*41.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*33.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 12:46	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*94.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0627	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.212	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.204	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.224	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.193	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.230	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.173	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.888	0.899	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.894	0.909	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	ug/kg dry	0.129	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.165	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.228	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0734	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.186	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.704	0.888	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.720	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.368	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.291	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.206	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.200	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM

Sample Information

Client Sample ID: **25SB-12 (11-13)** **York Sample ID:** **25E0212-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.750	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.78	5.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.723	2.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.825	2.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*124 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*133 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*141 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*133 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*127 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*100 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*94.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.88 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*172 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*24.0 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*143 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*113 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*123 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*117 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*96.9 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*122 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*125 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*94.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*113 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*115 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*138 %*		*25-150*

Sample Information

Client Sample ID: **25SB-12 (11-13)** **York Sample ID:** **25E0212-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0391	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7760**		mg/kg dry	4.95	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.48	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.49	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**41.9**		mg/kg dry	2.47	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.297	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3110**		mg/kg dry	4.95	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.2**		mg/kg dry	0.495	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.11**		mg/kg dry	0.396	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**16.3**		mg/kg dry	1.98	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13200**		mg/kg dry	24.8	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.00**		mg/kg dry	0.495	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**4970**		mg/kg dry	4.95	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**259**		mg/kg dry	0.495	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.9**		mg/kg dry	0.986	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1590**		mg/kg dry	4.95	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.48	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.499	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**286**		mg/kg dry	49.5	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.98	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**23.4**		mg/kg dry	0.986	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**37.7**		mg/kg dry	2.47	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0356	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.594	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.2**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.2**		%	0.100	1	SM 2540G	05/07/2025 09:32	05/07/2025 12:00	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.170	0.339	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.170	0.339	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.170	0.339	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.7 %*	*23-114*

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*48.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 13:01	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*94.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.180	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0538	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.182	0.186	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.175	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.189	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.192	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.194	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.165	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.150	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.197	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.157	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.194	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.761	0.772	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.766	0.780	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	ug/kg dry	0.111	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.361	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.196	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0629	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0975	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.159	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.604	0.761	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.617	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.316	0.767	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.250	0.759	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.767	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.172	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.644	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.13	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.52	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.620	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.708	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*141 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*127 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*136 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*127 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*123 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*95.2 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*89.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*91.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*10.5 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*150 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*41.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*129 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*90.8 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*97.9 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*120 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*91.3 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*114 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*136 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*74.1 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*78.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*125 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*95.3 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*120 %*		*25-150*

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0335	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5320**		mg/kg dry	4.25	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.12	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.73**		mg/kg dry	1.27	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**30.9**		mg/kg dry	2.12	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.052**		mg/kg dry	0.043	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.255	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1160**		mg/kg dry	4.25	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.6**		mg/kg dry	0.425	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.47**		mg/kg dry	0.339	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**17.0**		mg/kg dry	1.70	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9320**		mg/kg dry	21.2	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**11.9**		mg/kg dry	0.425	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2170**		mg/kg dry	4.25	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**203**		mg/kg dry	0.425	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**8.90**		mg/kg dry	0.846	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**767**		mg/kg dry	4.25	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.12	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.428	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**84.1**		mg/kg dry	42.5	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.70	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.0**		mg/kg dry	0.846	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**39.2**		mg/kg dry	2.11	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0306	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.689**		mg/kg dry	0.510	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.9**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.1**		%	0.100	1	SM 2540G	05/07/2025 09:32	05/07/2025 12:00	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.196	0.392	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.196	0.392	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.196	0.392	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*34.3 %*	*23-114*

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.1 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 13:16	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0632	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.213	0.218	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.205	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.199	0.222	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.225	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.228	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.236	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.194	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.149	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.123	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.176	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.231	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.130	0.477	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.174	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.185	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.228	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.894	0.906	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.900	0.916	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.130	0.954	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.166	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.230	0.477	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0739	0.477	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.477	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.187	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.709	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.725	0.954	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.371	0.901	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.293	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.207	0.901	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.202	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.148	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:31	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.756	1.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.50	5.96	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.79	5.96	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.729	2.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.215	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.831	2.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.236	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*128 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*127 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*99.0 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*130 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*87.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.90 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*128 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*86.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*102 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*95.8 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*103 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*81.9 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*115 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*116 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*57.2 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*47.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*123 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.9 %*		*25-150*

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0395	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11200**		mg/kg dry	5.00	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.50	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.21**		mg/kg dry	1.50	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**74.3**		mg/kg dry	2.50	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.300	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1700**		mg/kg dry	5.00	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**22.7**		mg/kg dry	0.500	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**9.08**		mg/kg dry	0.399	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**25.1**		mg/kg dry	2.00	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**18100**		mg/kg dry	25.0	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**4.40**		mg/kg dry	0.500	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5000**		mg/kg dry	5.00	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**434**		mg/kg dry	0.500	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**20.8**		mg/kg dry	0.996	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**2070**	B	mg/kg dry	5.00	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.50	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.504	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**143**		mg/kg dry	50.0	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.00	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**31.5**		mg/kg dry	0.996	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**121**		mg/kg dry	2.49	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0360	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.924**		mg/kg dry	0.600	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**21.8**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**83.4**		%	0.100	1	SM 2540G	05/07/2025 09:32	05/07/2025 12:00	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-13 (13-15)** **York Sample ID:** **25E0212-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.077	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.0031**	QL-02, J	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.0034**	J	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.177	0.354	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.354	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.9 %*	*23-114*

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.1 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 14:32	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0564	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.799	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.804	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	ug/kg dry	0.116	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.379	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.206	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0660	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.634	0.799	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.647	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.331	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.262	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.675	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.23	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.651	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.742	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.2 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*117 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.0 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*83.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*12.0 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*139 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*78.4 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*112 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.0 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*98.3 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*76.6 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*106 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*110 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*69.2 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*87.4 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*92.3 %*		*25-150*

Sample Information

Client Sample ID: **25SB-13 (13-15)** **York Sample ID:** **25E0212-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **25SB-13 (13-15)** **York Sample ID:** **25E0212-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5590**		mg/kg dry	4.46	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.23	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.55**		mg/kg dry	1.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**52.1**		mg/kg dry	2.23	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.107**		mg/kg dry	0.045	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.268	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1640**		mg/kg dry	4.46	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.9**		mg/kg dry	0.447	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.93**		mg/kg dry	0.357	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**13.0**		mg/kg dry	1.79	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15800**		mg/kg dry	22.3	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.89**		mg/kg dry	0.447	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2280**		mg/kg dry	4.47	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**356**		mg/kg dry	0.447	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**9.39**		mg/kg dry	0.889	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1400**	B	mg/kg dry	4.47	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.23	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.450	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**127**		mg/kg dry	44.6	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.79	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.6**		mg/kg dry	0.889	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**25.3**		mg/kg dry	2.22	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0321	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.977**		mg/kg dry	0.536	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.9**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.3**		%	0.100	1	SM 2540G	05/07/2025 09:32	05/07/2025 12:00	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-9 (0-2)** **York Sample ID:** **25E0212-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

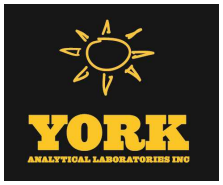
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		



Sample Information

Client Sample ID: **25SB-9 (0-2)** **York Sample ID:** **25E0212-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.184	0.368	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.184	0.368	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*21.1 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.8 %*	S-08	*23-114*

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*20.2 %*	S-08		*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*24.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*30.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*29.0 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 14:47	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*102 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0593	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.205	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.840	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.845	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.399	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0694	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.666	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.681	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.348	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.275	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:25	AM

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.710	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.35	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.684	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.780	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*127 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*95.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*129 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*133 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*112 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*86.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*98.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*10.9 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*157 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*102 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*123 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*80.8 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.4 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*107 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*77.3 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*121 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*117 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*70.5 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*73.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*105 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*114 %*		*25-150*

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6540**		mg/kg dry	4.66	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.92**		mg/kg dry	1.40	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**58.6**		mg/kg dry	2.33	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**4140**		mg/kg dry	4.67	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.0**		mg/kg dry	0.467	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.79**		mg/kg dry	0.373	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**33.8**		mg/kg dry	1.87	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11600**		mg/kg dry	23.3	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**85.8**		mg/kg dry	0.467	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2990**		mg/kg dry	4.67	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**268**		mg/kg dry	0.467	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.7**		mg/kg dry	0.929	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1310**	B	mg/kg dry	4.67	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**198**		mg/kg dry	46.7	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.87	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.6**		mg/kg dry	0.929	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**79.7**		mg/kg dry	2.32	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.560	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.0**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.178	0.356	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.178	0.356	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*22.2 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*19.2 %*	S-08	*23-114*

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*20.4 %*	S-08		*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*24.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*31.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*32.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 15:02	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*102 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.190	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0569	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.197	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.200	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.805	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.811	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.382	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0666	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.639	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.653	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.334	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM

Sample Information

Client Sample ID: **25SB-9 (2-4)** **York Sample ID:** **25E0212-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.681	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.656	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.749	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*112 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*83.6 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*122 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*80.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*109 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*125 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*113 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*111 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*70.9 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*80.5 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.8 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*66.5 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*103 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*108 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*74.1 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*72.9 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*99.7 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*107 %*	*25-150*

Sample Information

Client Sample ID: **25SB-9 (2-4)** **York Sample ID:** **25E0212-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6330**		mg/kg dry	4.48	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.35	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**36.9**		mg/kg dry	2.24	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.045	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.269	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1410**		mg/kg dry	4.48	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**22.0**		mg/kg dry	0.449	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.45**		mg/kg dry	0.358	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**12.6**		mg/kg dry	1.79	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**10600**		mg/kg dry	22.4	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.28**		mg/kg dry	0.449	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3720**		mg/kg dry	4.49	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**285**		mg/kg dry	0.449	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.9**		mg/kg dry	0.893	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1350**	B	mg/kg dry	4.49	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.452	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**140**		mg/kg dry	44.8	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.80	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.0**		mg/kg dry	0.893	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**66.2**		mg/kg dry	2.23	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0323	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.728**		mg/kg dry	0.538	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**21.3**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.9**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-9 (12-14)** **York Sample ID:** **25E0212-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.0040**	J	mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.011**		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0095	0.019	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.195	0.390	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.195	0.390	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.195	0.390	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*29.8 %*	*23-114*

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*31.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*38.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*50.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*45.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 15:32	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0631	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.213	0.218	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.205	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.225	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.227	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.236	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.194	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.149	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.123	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.176	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.231	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.130	0.476	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.174	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.184	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.227	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.892	0.904	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.898	0.914	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.130	0.952	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.165	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.230	0.476	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0738	0.476	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.476	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.187	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.708	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.723	0.952	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.370	0.899	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.293	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.207	0.899	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.201	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.148	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:58	AM

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.754	1.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.50	5.95	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.78	5.95	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.727	2.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.214	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.829	2.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.236	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*119 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*82.6 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*91.2 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*103 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*91.3 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*67.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*61.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*66.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*114 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.4 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*121 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*83.3 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*52.5 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*55.9 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*85.3 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*54.8 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*86.4 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*104 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*48.4 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*48.3 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.7 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*70.6 %*	*25-150*

Sample Information

Client Sample ID: **25SB-9 (12-14)** **York Sample ID:** **25E0212-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0391	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6420**		mg/kg dry	4.97	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.48	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.49	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**28.7**		mg/kg dry	2.48	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.298	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2590**		mg/kg dry	4.97	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.5**		mg/kg dry	0.497	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.82**		mg/kg dry	0.397	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**14.1**		mg/kg dry	1.99	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11000**		mg/kg dry	24.8	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2.94**		mg/kg dry	0.497	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**4160**		mg/kg dry	4.97	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**222**		mg/kg dry	0.497	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.2**		mg/kg dry	0.989	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1110**	B	mg/kg dry	4.97	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.48	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.501	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**238**		mg/kg dry	49.7	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.99	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.9**		mg/kg dry	0.989	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**34.4**		mg/kg dry	2.47	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0358	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.596	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.5**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.9**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.0030**	J	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.170	0.340	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.170	0.340	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.170	0.340	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*25.6 %*	*23-114*

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*27.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*33.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*42.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*39.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 15:49	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*108 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.182	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0545	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.188	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.177	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.172	0.191	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.194	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.152	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.772	0.782	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.777	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.366	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0638	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0988	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.612	0.772	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.626	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.320	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.253	0.770	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.179	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.174	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.652	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.16	5.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.54	5.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.629	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.717	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*107 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*80.8 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*92.6 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*116 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*85.1 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*68.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*53.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*109 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*101 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*116 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*93.0 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*60.6 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*62.5 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*85.1 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*56.7 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*87.3 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*98.5 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*52.1 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*51.8 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*107 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*74.9 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*82.1 %*	*25-150*

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0337	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7540**		mg/kg dry	4.29	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.14	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.21**		mg/kg dry	1.29	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**368**		mg/kg dry	2.14	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.101**		mg/kg dry	0.043	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.463**		mg/kg dry	0.257	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2150**		mg/kg dry	4.29	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.3**		mg/kg dry	0.429	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.23**		mg/kg dry	0.343	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**45.7**		mg/kg dry	1.72	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**12200**		mg/kg dry	21.4	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**140**		mg/kg dry	0.429	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2680**		mg/kg dry	4.29	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**324**		mg/kg dry	0.429	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.3**		mg/kg dry	0.854	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1130**	B	mg/kg dry	4.29	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.14	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.432	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**134**		mg/kg dry	42.9	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.72	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.7**		mg/kg dry	0.854	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**186**		mg/kg dry	2.14	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.140**		mg/kg dry	0.0309	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.515	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.3**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.2**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-6 (3-5)** **York Sample ID:** **25E0212-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.182	0.364	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.364	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*43.3 %*	*23-114*

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 16:05	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0579	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.819	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.825	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0677	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.650	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.664	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.340	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.269	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.135	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:30	AM

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.693	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.668	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.762	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*119 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*83.2 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*121 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*76.3 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*63.8 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.0 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*35.2 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*128 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*90.0 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*100 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*65.4 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.7 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*95.8 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*73.1 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*111 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*105 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.8 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.0 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*75.5 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*81.7 %*	*25-150*

Sample Information

Client Sample ID: **25SB-6 (3-5)** **York Sample ID:** **25E0212-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0360	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6120**		mg/kg dry	4.57	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.45**		mg/kg dry	1.37	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**42.5**		mg/kg dry	2.28	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1240**		mg/kg dry	4.57	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.2**		mg/kg dry	0.457	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**8.40**		mg/kg dry	0.365	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**19.1**		mg/kg dry	1.83	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14400**		mg/kg dry	22.8	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.04**		mg/kg dry	0.457	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2740**		mg/kg dry	4.57	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**388**		mg/kg dry	0.457	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.6**		mg/kg dry	0.910	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1200**	B	mg/kg dry	4.57	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**129**		mg/kg dry	45.7	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.83	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**27.4**		mg/kg dry	0.910	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**101**		mg/kg dry	2.28	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.690**		mg/kg dry	0.548	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.5**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.2**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0061**	J	mg/kg dry	0.0047	0.0094	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.371	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.185	0.371	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.371	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.4 %*	*23-114*

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*47.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.5 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 16:20	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0594	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.205	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.183	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.164	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.840	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.846	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.399	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0694	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.666	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.681	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.348	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.275	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM

Sample Information

Client Sample ID: **25SB-6 (11.5-13.5)** **York Sample ID:** **25E0212-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.710	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.35	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.684	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.781	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*120 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.9 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*122 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*84.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*69.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*113 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*132 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*120 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*123 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*77.7 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*79.9 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*97.3 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*79.3 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*113 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*69.8 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*61.6 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*110 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*80.8 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*89.4 %*	*25-150*

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0369	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*106 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9010**		mg/kg dry	4.68	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.61**		mg/kg dry	1.41	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**62.9**		mg/kg dry	2.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.108**		mg/kg dry	0.047	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**4890**		mg/kg dry	4.69	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**23.6**		mg/kg dry	0.469	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**8.29**		mg/kg dry	0.374	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**22.5**		mg/kg dry	1.87	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**18900**		mg/kg dry	23.4	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**6.12**		mg/kg dry	0.469	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**4940**		mg/kg dry	4.69	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**381**		mg/kg dry	0.469	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**19.2**		mg/kg dry	0.933	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**2190**	B	mg/kg dry	4.69	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**144**		mg/kg dry	46.9	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.88	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**24.4**		mg/kg dry	0.933	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**42.5**		mg/kg dry	2.33	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **25SB-6 (11.5-13.5)** **York Sample ID:** **25E0212-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.562	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**23.6**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.9**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	ICVE	ug/L	0.119	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	ICVE	ug/L	0.448	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	ug/L	0.372	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	QL-02, ICVE	ug/L	0.491	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND	QL-02	ug/L	0.212	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	ICVE	ug/L	0.337	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	ICVE	ug/L	0.469	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:			
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.2 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.2 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.4 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*35.6 %*	S-08	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*44.4 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.6 %*		*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	05/12/2025 08:54	05/13/2025 20:32	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.449	1.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.334	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.678	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.649	1.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.401	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.783	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.497	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.716	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.707	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.659	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.755	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.984	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.220	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.869	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ng/L	1.26	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.16	7.26	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.96	7.34	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.315	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.478	3.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 21:20	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.04	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 21:20	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.239	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 21:20	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.353	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 21:20	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.726	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.71	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.09	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	ng/L	0.669	7.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
919005-14-4	ADONA	ND		ng/L	0.506	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ng/L	0.888	1.85	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ng/L	0.821	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.94	4.78	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.00	23.9	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.04	23.9	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.91	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.72	1.91	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*131 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*143 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*141 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*96.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*86.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.19 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*161 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*75.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*136 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.0 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*95.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*104 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*82.1 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*128 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*93.3 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*94.6 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*96.3 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*108 %*		*25-150*

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**1.09**	M-BS	mg/L	0.0556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**0.0899**		mg/L	0.0556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**0.337**		mg/L	0.0556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**0.947**		mg/L	0.556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0348**		mg/L	0.0278	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	1	EPA 6020B	05/07/2025 08:25	05/08/2025 15:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	2.22	1	EPA 6020B	05/07/2025 08:25	05/08/2025 15:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.667	1	EPA 6020B	05/07/2025 08:25	05/08/2025 15:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020B	05/07/2025 08:25	05/08/2025 15:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	2.22	1	EPA 6020B	05/07/2025 08:25	05/08/2025 15:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	2.22	1	EPA 6020B	05/07/2025 08:25	05/08/2025 15:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/05/2025 18:51	05/05/2025 23:20	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/09/2025 14:48	05/09/2025 14:59	SL
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc.

E245.1

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	E245.1	05/08/2025 00:00	05/09/2025 10:13	CT007
							Certifications:				

Sample Information

Client Sample ID: TB-2 **York Sample ID:** 25E0212-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 12:00 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB-2 **York Sample ID:** 25E0212-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 12:00 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	ICVE	ug/L	0.119	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	ICVE	ug/L	0.448	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	ug/L	0.372	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB-2 **York Sample ID:** 25E0212-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 12:00 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND	QL-02	ug/L	0.212	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB-2 **York Sample ID:** 25E0212-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 12:00 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	ICVE	ug/L	0.337	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	ICVE	ug/L	0.469	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*79-122*

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02, IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	IS-LO	mg/kg dry	0.049	0.097	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	IS-LO	mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, IS-LO	mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE, IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	IS-LO	mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND	IS-LO	mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND	IS-LO	mg/kg dry	0.0073	0.015	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*124 %*	IS-LO	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*88.8 %*	IS-LO	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	IS-LO	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.171	0.342	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.171	0.342	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE, CAL-E	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.171	0.342	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.0 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.0 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*21.4 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*26.0 %*		*21-113*

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*30.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*30.2 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 16:35	SS
							Certifications: NELAC-NY10854			

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*114 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.115	0.184	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0550	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.190	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.173	0.193	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.196	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.198	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.169	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.201	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.152	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.198	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.779	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.784	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.370	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.200	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0644	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0997	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.163	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.618	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.631	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.323	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.255	0.777	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.176	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.129	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.658	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.18	5.19	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.56	5.19	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.635	2.08	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.724	2.08	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*123 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.8 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*130 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*90.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*78.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.23 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*148 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*78.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*103 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*79.4 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*104 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*107 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*65.4 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.6 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*81.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*96.6 %*		*25-150*

Sample Information

Client Sample ID: **25SB-5 (0-2)** **York Sample ID:** **25E0212-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0340	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7940**		mg/kg dry	4.33	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.17	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.47**		mg/kg dry	1.30	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**30.5**		mg/kg dry	2.16	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.138**		mg/kg dry	0.044	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.260	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1100**		mg/kg dry	4.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.0**		mg/kg dry	0.434	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.54**		mg/kg dry	0.347	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**24.9**		mg/kg dry	1.73	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13600**		mg/kg dry	21.7	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.14**		mg/kg dry	0.434	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3490**		mg/kg dry	4.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**277**		mg/kg dry	0.434	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.7**		mg/kg dry	0.864	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**817**	B	mg/kg dry	4.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.17	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.437	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**144**		mg/kg dry	43.4	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.74	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.4**		mg/kg dry	0.864	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**29.9**		mg/kg dry	2.16	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0312	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.520	1	EPA 7196A	05/08/2025 09:38	05/08/2025 17:23	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.0**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.1**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.6 %*	*23-114*

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.2 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 16:50	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*128 %*	S-HI	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0559	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.791	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.796	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.375	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.203	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0654	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.627	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.641	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.328	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.178	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.131	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:34	AM

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.668	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.644	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.735	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*117 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.9 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*100 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*125 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*71.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*69.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.89 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*139 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*64.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*107 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*78.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*82.8 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*98.9 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*72.0 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.8 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*56.4 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*52.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*74.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*84.2 %*		*25-150*

Sample Information

Client Sample ID: **25SB-5 (3-5)** **York Sample ID:** **25E0212-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0347	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7210**		mg/kg dry	4.42	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.86**		mg/kg dry	1.33	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**24.6**		mg/kg dry	2.21	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.126**		mg/kg dry	0.045	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.265	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1570**		mg/kg dry	4.42	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.3**		mg/kg dry	0.442	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.73**		mg/kg dry	0.353	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**18.0**		mg/kg dry	1.77	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11900**		mg/kg dry	22.1	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.32**		mg/kg dry	0.442	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3290**		mg/kg dry	4.42	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**275**		mg/kg dry	0.442	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.5**		mg/kg dry	0.880	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1240**	B	mg/kg dry	4.42	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.445	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**115**		mg/kg dry	44.2	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.77	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.0**		mg/kg dry	0.880	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**29.1**		mg/kg dry	2.20	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0318	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.530	1	EPA 7196A	05/08/2025 09:38	05/08/2025 17:23	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.3**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.3**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	IS-LO	mg/kg dry	0.056	0.11	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	IS-LO	mg/kg dry	0.0056	0.011	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, IS-LO	mg/kg dry	0.0056	0.011	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	IS-LO, CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	IS-LO	mg/kg dry	0.0056	0.011	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND	IS-LO	mg/kg dry	0.0056	0.011	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02, IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND	IS-LO	mg/kg dry	0.0083	0.017	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*135 %*	IS-LO, S-03, S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.8 %*	IS-LO	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.4 %*	IS-LO	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.195	0.389	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.195	0.389	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.195	0.389	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*51.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.9 %*	*23-114*

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.2 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 17:05	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*136 %*	S-HI	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.210	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0628	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.212	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.204	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.224	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.193	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.230	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.474	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.173	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.184	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.888	0.900	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.894	0.909	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.129	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.165	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.229	0.474	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0734	0.474	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.474	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.186	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.705	0.888	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.720	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.368	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.291	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.206	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.200	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.147	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.751	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.78	5.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.724	2.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.825	2.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*84.1 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*99.6 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*115 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*76.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*6.13 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*135 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*67.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*80.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*81.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*88.6 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*70.2 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*105 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.4 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*58.7 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.6 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*101 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*74.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*87.4 %*		*25-150*

Sample Information

Client Sample ID: **25SB-5 (11-13)** **York Sample ID:** **25E0212-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0387	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7440**		mg/kg dry	4.93	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.47	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.48	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**37.9**		mg/kg dry	2.46	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.296	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2520**		mg/kg dry	4.93	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.494	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.78**		mg/kg dry	0.394	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**15.3**		mg/kg dry	1.97	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**12400**		mg/kg dry	24.7	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2.66**		mg/kg dry	0.494	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**4800**		mg/kg dry	4.94	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**245**		mg/kg dry	0.494	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.0**		mg/kg dry	0.983	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1490**	B	mg/kg dry	4.94	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.47	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.497	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**228**		mg/kg dry	49.3	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.98	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**22.5**		mg/kg dry	0.983	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**33.4**		mg/kg dry	2.46	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0355	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.592	1	EPA 7196A	05/08/2025 09:38	05/08/2025 17:23	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.4**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.4**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-DUP-2 (11-13)** **York Sample ID:** **25E0212-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0060	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*44.4 %*	*23-114*

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.1 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 17:21	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0616	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.208	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.220	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.222	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.189	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.145	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.225	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.180	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.871	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.877	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.929	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.161	0.414	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 18:07	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.224	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 18:07	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0720	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 18:07	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 18:07	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.182	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.691	0.871	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.706	0.929	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.361	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.286	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.202	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.196	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 18:07	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.144	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 18:07	AM

Sample Information

Client Sample ID: **25SB-DUP-2 (11-13)** **York Sample ID:** **25E0212-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.736	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 18:07	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.44	5.81	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 18:07	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.81	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 18:07	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.710	2.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 18:07	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.209	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 18:07	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.810	2.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 18:07	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 18:07	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*115 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*79.0 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*113 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*83.2 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*66.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.04 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*129 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*68.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*105 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*71.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*75.0 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*93.8 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*71.8 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*90.5 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*104 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*68.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*53.2 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*70.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*84.4 %*		*25-150*

Sample Information

Client Sample ID: **25SB-DUP-2 (11-13)** **York Sample ID:** **25E0212-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **25SB-DUP-2 (11-13)** **York Sample ID:** **25E0212-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0381	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*105 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7950**		mg/kg dry	4.86	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.43	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.46	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**55.1**		mg/kg dry	2.43	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.049	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.292	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2990**		mg/kg dry	4.86	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.5**		mg/kg dry	0.486	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.60**		mg/kg dry	0.388	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**17.1**		mg/kg dry	1.94	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**16000**		mg/kg dry	24.3	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2.88**		mg/kg dry	0.486	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5000**		mg/kg dry	4.86	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**316**		mg/kg dry	0.486	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.8**		mg/kg dry	0.968	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1800**	B	mg/kg dry	4.86	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.43	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.490	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**262**		mg/kg dry	48.6	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.95	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**24.8**		mg/kg dry	0.968	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**39.6**		mg/kg dry	2.42	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **25SB-DUP-2 (11-13)** **York Sample ID:** **25E0212-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0350	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.583	1	EPA 7196A	05/08/2025 09:38	05/08/2025 17:23	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.5**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.7**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: 783346A **Preparation Method:** SW7470A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-13	FB-2	05/08/25
CT20387-BLK	BLK	05/08/25
CT20387-LCS	LCS	05/08/25

Batch ID: BE50335 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-13	FB-2	05/05/25
BE50335-BLK1	Blank	05/05/25
BE50335-BS1	LCS	05/05/25

Batch ID: BE50397 **Preparation Method:** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/06/25
25E0212-02	25SB-12 (3-5)	05/06/25
25E0212-03	25SB-12 (11-13)	05/06/25
25E0212-04	25SB-13 (0-2)	05/06/25
25E0212-05	25SB-13 (3-5)	05/06/25
25E0212-06	25SB-13 (13-15)	05/06/25
25E0212-07	25SB-9 (0-2)	05/06/25
25E0212-08	25SB-9 (2-4)	05/06/25
25E0212-09	25SB-9 (12-14)	05/06/25
25E0212-10	25SB-6 (0-2)	05/06/25
25E0212-11	25SB-6 (3-5)	05/06/25
25E0212-12	25SB-6 (11.5-13.5)	05/06/25
25E0212-15	25SB-5 (0-2)	05/06/25
25E0212-16	25SB-5 (3-5)	05/06/25
25E0212-17	25SB-5 (11-13)	05/06/25
25E0212-18	25SB-DUP-2 (11-13)	05/06/25
BE50397-BLK1	Blank	05/06/25
BE50397-BS1	LCS	05/06/25
BE50397-BS2	LCS	05/06/25
BE50397-DUP1	Duplicate	05/06/25

Batch ID: BE50427 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-07	25SB-9 (0-2)	05/09/25
25E0212-08	25SB-9 (2-4)	05/09/25
25E0212-09	25SB-9 (12-14)	05/09/25
25E0212-10	25SB-6 (0-2)	05/09/25
25E0212-11	25SB-6 (3-5)	05/09/25
BE50427-BLK1	Blank	05/06/25

BE50427-BS1	LCS	05/06/25
BE50427-BSD1	LCS Dup	05/06/25

Batch ID: BE50434 **Preparation Method:** EPA 5035A **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/08/25
25E0212-02	25SB-12 (3-5)	05/08/25
25E0212-03	25SB-12 (11-13)	05/08/25
25E0212-04	25SB-13 (0-2)	05/08/25
25E0212-05	25SB-13 (3-5)	05/08/25
25E0212-06	25SB-13 (13-15)	05/08/25
BE50434-BLK1	Blank	05/08/25
BE50434-BS1	LCS	05/08/25
BE50434-BSD1	LCS Dup	05/08/25

Batch ID: BE50460 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-13	FB-2	05/07/25
BE50460-BLK1	Blank	05/07/25
BE50460-BS1	LCS	05/07/25

Batch ID: BE50465 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-13	FB-2	05/07/25
BE50465-BLK1	Blank	05/07/25
BE50465-BS1	LCS	05/07/25

Batch ID: BE50479 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/07/25
25E0212-02	25SB-12 (3-5)	05/07/25
25E0212-03	25SB-12 (11-13)	05/07/25
25E0212-04	25SB-13 (0-2)	05/07/25
25E0212-05	25SB-13 (3-5)	05/07/25
25E0212-06	25SB-13 (13-15)	05/07/25
25E0212-07	25SB-9 (0-2)	05/07/25
25E0212-08	25SB-9 (2-4)	05/07/25
25E0212-09	25SB-9 (12-14)	05/07/25
25E0212-10	25SB-6 (0-2)	05/07/25
25E0212-11	25SB-6 (3-5)	05/07/25
25E0212-12	25SB-6 (11.5-13.5)	05/07/25
BE50479-BLK1	Blank	05/07/25
BE50479-DUP1	Duplicate	05/07/25
BE50479-MS1	Matrix Spike	05/07/25
BE50479-MSD1	Matrix Spike Dup	05/07/25

BE50479-SRM1	Reference	05/07/25

Batch ID: BE50488 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/07/25
25E0212-02	25SB-12 (3-5)	05/07/25
25E0212-03	25SB-12 (11-13)	05/07/25
25E0212-04	25SB-13 (0-2)	05/07/25
25E0212-05	25SB-13 (3-5)	05/07/25
25E0212-06	25SB-13 (13-15)	05/07/25
BE50488-DUP1	Duplicate	05/07/25

Batch ID: BE50510 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-07	25SB-9 (0-2)	05/07/25
25E0212-08	25SB-9 (2-4)	05/07/25
25E0212-09	25SB-9 (12-14)	05/07/25
25E0212-10	25SB-6 (0-2)	05/07/25
25E0212-11	25SB-6 (3-5)	05/07/25
25E0212-12	25SB-6 (11.5-13.5)	05/07/25
25E0212-15	25SB-5 (0-2)	05/07/25
25E0212-16	25SB-5 (3-5)	05/07/25
25E0212-17	25SB-5 (11-13)	05/07/25
25E0212-18	25SB-DUP-2 (11-13)	05/07/25

Batch ID: BE50530 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-13	FB-2	05/07/25
BE50530-BLK1	Blank	05/07/25
BE50530-BS1	LCS	05/07/25
BE50530-BS2	LCS	05/07/25

Batch ID: BE50533 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/07/25
25E0212-02	25SB-12 (3-5)	05/07/25
25E0212-03	25SB-12 (11-13)	05/07/25
25E0212-04	25SB-13 (0-2)	05/07/25
BE50533-BLK1	Blank	05/07/25
BE50533-DUP1	Duplicate	05/07/25
BE50533-MS1	Matrix Spike	05/07/25
BE50533-PS1	Post Spike	05/07/25
BE50533-SRM1	Reference	05/07/25

Batch ID: BE50534 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-05	25SB-13 (3-5)	05/07/25
25E0212-06	25SB-13 (13-15)	05/07/25
25E0212-07	25SB-9 (0-2)	05/07/25
25E0212-08	25SB-9 (2-4)	05/07/25
25E0212-09	25SB-9 (12-14)	05/07/25
25E0212-10	25SB-6 (0-2)	05/07/25
25E0212-11	25SB-6 (3-5)	05/07/25
25E0212-12	25SB-6 (11.5-13.5)	05/07/25
25E0212-15	25SB-5 (0-2)	05/07/25
25E0212-16	25SB-5 (3-5)	05/07/25
25E0212-17	25SB-5 (11-13)	05/07/25
25E0212-18	25SB-DUP-2 (11-13)	05/07/25
BE50534-BLK1	Blank	05/07/25
BE50534-SRM1	Reference	05/07/25

Batch ID: BE50600 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-15	25SB-5 (0-2)	05/08/25
25E0212-16	25SB-5 (3-5)	05/08/25
25E0212-17	25SB-5 (11-13)	05/08/25
25E0212-18	25SB-DUP-2 (11-13)	05/08/25
BE50600-BLK1	Blank	05/08/25
BE50600-SRM1	Reference	05/08/25

Batch ID: BE50611 **Preparation Method:** EPA 7473 soil **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/08/25
25E0212-02	25SB-12 (3-5)	05/08/25
25E0212-03	25SB-12 (11-13)	05/08/25
25E0212-04	25SB-13 (0-2)	05/08/25
25E0212-05	25SB-13 (3-5)	05/08/25
25E0212-06	25SB-13 (13-15)	05/08/25
25E0212-07	25SB-9 (0-2)	05/08/25
25E0212-08	25SB-9 (2-4)	05/08/25
25E0212-09	25SB-9 (12-14)	05/08/25
25E0212-10	25SB-6 (0-2)	05/08/25
25E0212-11	25SB-6 (3-5)	05/08/25
25E0212-12	25SB-6 (11.5-13.5)	05/08/25
25E0212-15	25SB-5 (0-2)	05/08/25
25E0212-16	25SB-5 (3-5)	05/08/25
25E0212-17	25SB-5 (11-13)	05/08/25
25E0212-18	25SB-DUP-2 (11-13)	05/08/25
BE50611-BLK1	Blank	05/08/25
BE50611-SRM1	Reference	05/08/25

Batch ID: BE50657 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-05RE1	25SB-13 (3-5)	05/08/25
BE50657-BLK1	Blank	05/08/25
BE50657-BS1	LCS	05/08/25
BE50657-BS2	LCS	05/08/25

Batch ID: BE50688 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-13	FB-2	05/09/25
BE50688-BLK2	Blank	05/09/25
BE50688-BS2	LCS	05/09/25

Batch ID: BE50692 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-13	FB-2	05/09/25
BE50692-BLK1	Blank	05/09/25
BE50692-BS1	LCS	05/09/25

Batch ID: BE50710 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-12	25SB-6 (11.5-13.5)	05/09/25
25E0212-15	25SB-5 (0-2)	05/09/25
25E0212-16	25SB-5 (3-5)	05/09/25
25E0212-17	25SB-5 (11-13)	05/09/25
25E0212-18	25SB-DUP-2 (11-13)	05/09/25
BE50710-BLK1	Blank	05/09/25
BE50710-BS1	LCS	05/09/25
BE50710-BSD1	LCS Dup	05/09/25

Batch ID: BE50755 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/09/25
25E0212-02	25SB-12 (3-5)	05/09/25
25E0212-03	25SB-12 (11-13)	05/09/25
25E0212-04	25SB-13 (0-2)	05/09/25
25E0212-05	25SB-13 (3-5)	05/09/25
25E0212-06	25SB-13 (13-15)	05/09/25
25E0212-07	25SB-9 (0-2)	05/09/25
25E0212-08	25SB-9 (2-4)	05/09/25
25E0212-09	25SB-9 (12-14)	05/09/25
25E0212-10	25SB-6 (0-2)	05/09/25
25E0212-11	25SB-6 (3-5)	05/09/25
25E0212-12	25SB-6 (11.5-13.5)	05/09/25

25E0212-15	25SB-5 (0-2)	05/09/25
25E0212-16	25SB-5 (3-5)	05/09/25
25E0212-17	25SB-5 (11-13)	05/09/25
25E0212-18	25SB-DUP-2 (11-13)	05/09/25

Batch ID: BE50757 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-13	FB-2	05/09/25

Batch ID: BE50791 **Preparation Method:** EPA 3510C **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-13	FB-2	05/10/25
BE50791-BLK1	Blank	05/10/25
BE50791-BS1	LCS	05/10/25

Batch ID: BE50792 **Preparation Method:** EPA 3510C **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-13	FB-2	05/10/25
BE50792-BLK2	Blank	05/10/25
BE50792-BS2	LCS	05/10/25

Batch ID: BE50803 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-10	25SB-6 (0-2)	05/11/25
25E0212-11	25SB-6 (3-5)	05/11/25
25E0212-12	25SB-6 (11.5-13.5)	05/11/25
25E0212-15	25SB-5 (0-2)	05/11/25
25E0212-16	25SB-5 (3-5)	05/11/25
25E0212-17	25SB-5 (11-13)	05/11/25
25E0212-18	25SB-DUP-2 (11-13)	05/11/25
BE50803-BLK1	Blank	05/11/25
BE50803-BS1	LCS	05/11/25

Batch ID: BE50818 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/12/25
25E0212-02	25SB-12 (3-5)	05/12/25
25E0212-03	25SB-12 (11-13)	05/12/25
25E0212-04	25SB-13 (0-2)	05/12/25
25E0212-05	25SB-13 (3-5)	05/12/25
25E0212-06	25SB-13 (13-15)	05/12/25
25E0212-07	25SB-9 (0-2)	05/12/25
25E0212-08	25SB-9 (2-4)	05/12/25

25E0212-09	25SB-9 (12-14)	05/12/25
BE50818-BLK1	Blank	05/12/25
BE50818-BS1	LCS	05/12/25

Batch ID: BE50837 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-13	FB-2	05/12/25
BE50837-BLK1	Blank	05/12/25
BE50837-BS1	LCS	05/12/25

Batch ID: BE50844 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/12/25
25E0212-02	25SB-12 (3-5)	05/12/25
25E0212-03	25SB-12 (11-13)	05/12/25
BE50844-BLK1	Blank	05/12/25
BE50844-BS2	LCS	05/12/25

Batch ID: BE50846 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/12/25
25E0212-02	25SB-12 (3-5)	05/12/25
25E0212-03	25SB-12 (11-13)	05/12/25
BE50846-BLK1	Blank	05/12/25
BE50846-BS1	LCS	05/12/25

Batch ID: BE50870 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-04	25SB-13 (0-2)	05/12/25
25E0212-05	25SB-13 (3-5)	05/12/25
25E0212-06	25SB-13 (13-15)	05/12/25
25E0212-07	25SB-9 (0-2)	05/12/25
25E0212-08	25SB-9 (2-4)	05/12/25
25E0212-09	25SB-9 (12-14)	05/12/25
25E0212-10	25SB-6 (0-2)	05/12/25
25E0212-11	25SB-6 (3-5)	05/12/25
25E0212-12	25SB-6 (11.5-13.5)	05/12/25
25E0212-15	25SB-5 (0-2)	05/12/25
25E0212-16	25SB-5 (3-5)	05/12/25
25E0212-17	25SB-5 (11-13)	05/12/25
25E0212-18	25SB-DUP-2 (11-13)	05/12/25
BE50870-BLK1	Blank	05/12/25
BE50870-BS2	LCS	05/12/25

Batch ID: BE50871 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-04	25SB-13 (0-2)	05/12/25
25E0212-05	25SB-13 (3-5)	05/12/25
25E0212-06	25SB-13 (13-15)	05/12/25
25E0212-07	25SB-9 (0-2)	05/12/25
25E0212-08	25SB-9 (2-4)	05/12/25
25E0212-09	25SB-9 (12-14)	05/12/25
25E0212-10	25SB-6 (0-2)	05/12/25
25E0212-11	25SB-6 (3-5)	05/12/25
25E0212-12	25SB-6 (11.5-13.5)	05/12/25
25E0212-15	25SB-5 (0-2)	05/12/25
25E0212-16	25SB-5 (3-5)	05/12/25
25E0212-17	25SB-5 (11-13)	05/12/25
25E0212-18	25SB-DUP-2 (11-13)	05/12/25
BE50871-BLK1	Blank	05/12/25
BE50871-BS1	LCS	05/12/25

Batch ID: BE50875 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/12/25
25E0212-02	25SB-12 (3-5)	05/12/25
25E0212-03	25SB-12 (11-13)	05/12/25
25E0212-04	25SB-13 (0-2)	05/12/25
25E0212-05	25SB-13 (3-5)	05/12/25
25E0212-07	25SB-9 (0-2)	05/12/25
25E0212-08	25SB-9 (2-4)	05/12/25
25E0212-09	25SB-9 (12-14)	05/12/25
25E0212-10	25SB-6 (0-2)	05/12/25
25E0212-15	25SB-5 (0-2)	05/12/25
BE50875-BLK1	Blank	05/12/25

Batch ID: BE50935 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-16	25SB-5 (3-5)	05/13/25
25E0212-17	25SB-5 (11-13)	05/13/25
25E0212-18	25SB-DUP-2 (11-13)	05/13/25
BE50935-BLK1	Blank	05/13/25
BE50935-BS1	LCS	05/13/25

Batch ID: BE51092 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-13	FB-2	05/13/25
25E0212-14	TB-2	05/13/25
BE51092-BLK1	Blank	05/13/25
BE51092-BS1	LCS	05/13/25

BE51092-BSD1	LCS Dup	05/13/25

Batch ID: BE51156 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-06	25SB-13 (13-15)	05/15/25
25E0212-11	25SB-6 (3-5)	05/15/25
25E0212-12	25SB-6 (11.5-13.5)	05/15/25
BE51156-BLK1	Blank	05/15/25
BE51156-BS1	LCS	05/15/25
BE51156-MS1	Matrix Spike	05/15/25
BE51156-MSD1	Matrix Spike Dup	05/15/25

Batch ID: BE51577 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/20/25
BE51577-BLK1	Blank	05/20/25

Batch ID: BE51691 **Preparation Method:** EPA 3015A/1311 **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25E0212-01	25SB-12 (0-2)	05/22/25
BE51691-BLK1	Blank	05/22/25
BE51691-BS1	LCS	05/22/25
BE51691-DUP1	Duplicate	05/22/25
BE51691-LBK1	Leach Fluid Blank	05/22/25
BE51691-MS1	Matrix Spike	05/22/25
BE51691-PS1	Post Spike	05/22/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50427 - EPA 5035A											
Blank (BE50427-BLK1)											
Prepared: 05/06/2025 Analyzed: 05/09/2025											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50427 - EPA 5035A											
Blank (BE50427-BLK1)											Prepared: 05/06/2025 Analyzed: 05/09/2025
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*56.1*		*"*	*50.0*		*112*	*76-130*				
LCS (BE50427-BS1)											Prepared: 05/06/2025 Analyzed: 05/09/2025
1,1,1,2-Tetrachloroethane	40.3		ug/L	50.0		80.7	75-129				
1,1,1-Trichloroethane	45.5		"	50.0		91.0	71-137				
1,1,2,2-Tetrachloroethane	43.6		"	50.0		87.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.7		"	50.0		95.4	58-146				
1,1,2-Trichloroethane	45.0		"	50.0		89.9	83-123				
1,1-Dichloroethane	42.6		"	50.0		85.2	75-130				
1,1-Dichloroethylene	42.9		"	50.0		85.8	64-137				
1,2,3-Trichlorobenzene	53.6		"	50.0		107	81-140				
1,2,3-Trichloropropane	43.8		"	50.0		87.5	81-126				
1,2,4-Trichlorobenzene	57.2		"	50.0		114	80-141				
1,2,4-Trimethylbenzene	43.8		"	50.0		87.6	84-125				
1,2-Dibromo-3-chloropropane	42.3		"	50.0		84.7	74-142				
1,2-Dibromoethane	46.1		"	50.0		92.2	86-123				
1,2-Dichlorobenzene	46.2		"	50.0		92.5	85-122				
1,2-Dichloroethane	44.0		"	50.0		88.0	71-133				
1,2-Dichloropropane	44.7		"	50.0		89.4	81-122				
1,3,5-Trimethylbenzene	45.4		"	50.0		90.9	82-126				
1,3-Dichlorobenzene	43.6		"	50.0		87.1	84-124				
1,4-Dichlorobenzene	50.1		"	50.0		100	84-124				
1,4-Dioxane	921		"	1050		87.7	10-228				
2-Butanone	43.0		"	50.0		85.9	58-147				
2-Hexanone	42.0		"	50.0		84.0	70-139				
4-Methyl-2-pentanone	41.5		"	50.0		83.0	72-132				
Acetone	36.2		"	50.0		72.5	36-155				
Acrolein	40.2		"	50.0		80.4	10-238				
Acrylonitrile	45.7		"	50.0		91.4	66-141				
Benzene	43.8		"	50.0		87.5	77-127				
Bromochloromethane	45.6		"	50.0		91.2	74-129				
Bromodichloromethane	42.8		"	50.0		85.6	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50427 - EPA 5035A											
LCS (BE50427-BS1)								Prepared: 05/06/2025 Analyzed: 05/09/2025			
Bromoform	44.0		ug/L	50.0		88.0	80-136				
Bromomethane	37.5		"	50.0		75.0	32-177				
Carbon disulfide	36.4		"	50.0		72.8	10-136				
Carbon tetrachloride	46.8		"	50.0		93.6	66-143				
Chlorobenzene	45.4		"	50.0		90.9	86-120				
Chloroethane	42.3		"	50.0		84.6	51-142				
Chloroform	44.4		"	50.0		88.9	76-131				
Chloromethane	34.3		"	50.0		68.6	49-132				
cis-1,2-Dichloroethylene	43.6		"	50.0		87.2	74-132				
cis-1,3-Dichloropropylene	42.2		"	50.0		84.4	81-129				
Cyclohexane	42.3		"	50.0		84.6	70-130				
Dibromochloromethane	44.4		"	50.0		88.8	10-200				
Dibromomethane	44.4		"	50.0		88.9	83-124				
Dichlorodifluoromethane	26.6		"	50.0		53.1	28-158				
Ethyl Benzene	43.5		"	50.0		86.9	84-125				
Hexachlorobutadiene	54.5		"	50.0		109	83-133				
Isopropylbenzene	44.5		"	50.0		89.0	81-127				
Methyl acetate	59.1		"	50.0		118	41-143				
Methyl tert-butyl ether (MTBE)	39.0		"	50.0		77.9	74-131				
Methylcyclohexane	44.6		"	50.0		89.3	70-130				
Methylene chloride	41.4		"	50.0		82.9	57-141				
n-Butylbenzene	46.4		"	50.0		92.7	80-130				
n-Propylbenzene	45.2		"	50.0		90.5	74-136				
o-Xylene	43.8		"	50.0		87.6	83-123				
p- & m- Xylenes	91.9		"	100		91.9	82-128				
p-Isopropyltoluene	43.5		"	50.0		87.1	85-125				
sec-Butylbenzene	45.5		"	50.0		91.0	83-125				
Styrene	42.7		"	50.0		85.4	86-126	Low Bias			
tert-Butyl alcohol (TBA)	193		"	250		77.1	70-130				
tert-Butylbenzene	43.8		"	50.0		87.5	80-127				
Tetrachloroethylene	42.7		"	50.0		85.4	80-129				
Toluene	44.8		"	50.0		89.7	85-121				
trans-1,2-Dichloroethylene	43.2		"	50.0		86.5	72-132				
trans-1,3-Dichloropropylene	40.4		"	50.0		80.8	78-132				
Trichloroethylene	45.7		"	50.0		91.4	84-123				
Trichlorofluoromethane	41.9		"	50.0		83.8	62-140				
Vinyl Chloride	38.0		"	50.0		76.1	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50427 - EPA 5035A											
LCS Dup (BE50427-BSD1)								Prepared: 05/06/2025 Analyzed: 05/09/2025			
1,1,1,2-Tetrachloroethane	41.4		ug/L	50.0		82.7	75-129		2.52	30	
1,1,1-Trichloroethane	49.9		"	50.0		99.8	71-137		9.25	30	
1,1,2,2-Tetrachloroethane	45.6		"	50.0		91.1	79-129		4.46	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.7		"	50.0		113	58-146		17.3	30	
1,1,2-Trichloroethane	45.0		"	50.0		90.1	83-123		0.200	30	
1,1-Dichloroethane	50.0		"	50.0		100	75-130		16.0	30	
1,1-Dichloroethylene	51.9		"	50.0		104	64-137		18.9	30	
1,2,3-Trichlorobenzene	51.8		"	50.0		104	81-140		3.49	30	
1,2,3-Trichloropropane	44.0		"	50.0		87.9	81-126		0.456	30	
1,2,4-Trichlorobenzene	54.6		"	50.0		109	80-141		4.58	30	
1,2,4-Trimethylbenzene	45.0		"	50.0		89.9	84-125		2.59	30	
1,2-Dibromo-3-chloropropane	43.2		"	50.0		86.4	74-142		2.01	30	
1,2-Dibromoethane	46.6		"	50.0		93.2	86-123		1.10	30	
1,2-Dichlorobenzene	46.0		"	50.0		92.0	85-122		0.455	30	
1,2-Dichloroethane	45.3		"	50.0		90.7	71-133		3.00	30	
1,2-Dichloropropane	47.2		"	50.0		94.5	81-122		5.53	30	
1,3,5-Trimethylbenzene	45.2		"	50.0		90.5	82-126		0.441	30	
1,3-Dichlorobenzene	44.0		"	50.0		88.0	84-124		0.982	30	
1,4-Dichlorobenzene	48.8		"	50.0		97.6	84-124		2.55	30	
1,4-Dioxane	964		"	1050		91.8	10-228		4.49	30	
2-Butanone	44.8		"	50.0		89.6	58-147		4.15	30	
2-Hexanone	45.0		"	50.0		89.9	70-139		6.83	30	
4-Methyl-2-pentanone	44.4		"	50.0		88.7	72-132		6.71	30	
Acetone	42.7		"	50.0		85.4	36-155		16.4	30	
Acrolein	63.7		"	50.0		127	10-238		45.3	30	Non-dir.
Acrylonitrile	53.2		"	50.0		106	66-141		15.2	30	
Benzene	44.3		"	50.0		88.6	77-127		1.18	30	
Bromochloromethane	48.4		"	50.0		96.7	74-129		5.92	30	
Bromodichloromethane	45.5		"	50.0		91.0	81-124		6.21	30	
Bromoform	44.4		"	50.0		88.8	80-136		0.928	30	
Bromomethane	45.2		"	50.0		90.4	32-177		18.7	30	
Carbon disulfide	44.9		"	50.0		89.8	10-136		20.8	30	
Carbon tetrachloride	47.2		"	50.0		94.4	66-143		0.851	30	
Chlorobenzene	46.7		"	50.0		93.5	86-120		2.80	30	
Chloroethane	48.4		"	50.0		96.8	51-142		13.5	30	
Chloroform	47.4		"	50.0		94.9	76-131		6.55	30	
Chloromethane	32.8		"	50.0		65.7	49-132		4.35	30	
cis-1,2-Dichloroethylene	47.0		"	50.0		93.9	74-132		7.44	30	
cis-1,3-Dichloropropylene	44.8		"	50.0		89.5	81-129		5.96	30	
Cyclohexane	47.6		"	50.0		95.1	70-130		11.7	30	
Dibromochloromethane	44.7		"	50.0		89.4	10-200		0.718	30	
Dibromomethane	46.9		"	50.0		93.7	83-124		5.32	30	
Dichlorodifluoromethane	23.2		"	50.0		46.3	28-158		13.7	30	
Ethyl Benzene	45.4		"	50.0		90.7	84-125		4.26	30	
Hexachlorobutadiene	53.3		"	50.0		107	83-133		2.12	30	
Isopropylbenzene	44.5		"	50.0		89.0	81-127		0.0899	30	
Methyl acetate	73.6		"	50.0		147	41-143	High Bias	22.0	30	
Methyl tert-butyl ether (MTBE)	48.0		"	50.0		96.0	74-131		20.8	30	
Methylcyclohexane	48.2		"	50.0		96.5	70-130		7.73	30	
Methylene chloride	48.8		"	50.0		97.6	57-141		16.3	30	
n-Butylbenzene	46.8		"	50.0		93.5	80-130		0.859	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50427 - EPA 5035A											
LCS Dup (BE50427-BSD1)								Prepared: 05/06/2025 Analyzed: 05/09/2025			
n-Propylbenzene	45.2		ug/L	50.0		90.3	74-136		0.177	30	
o-Xylene	45.4		"	50.0		90.8	83-123		3.54	30	
p- & m- Xylenes	96.2		"	100		96.2	82-128		4.63	30	
p-Isopropyltoluene	44.7		"	50.0		89.3	85-125		2.59	30	
sec-Butylbenzene	44.9		"	50.0		89.8	83-125		1.35	30	
Styrene	44.3		"	50.0		88.6	86-126		3.68	30	
tert-Butyl alcohol (TBA)	241		"	250		96.2	70-130		22.1	30	
tert-Butylbenzene	43.7		"	50.0		87.4	80-127		0.160	30	
Tetrachloroethylene	41.1		"	50.0		82.3	80-129		3.77	30	
Toluene	46.3		"	50.0		92.7	85-121		3.29	30	
trans-1,2-Dichloroethylene	51.1		"	50.0		102	72-132		16.6	30	
trans-1,3-Dichloropropylene	42.6		"	50.0		85.1	78-132		5.18	30	
Trichloroethylene	47.3		"	50.0		94.6	84-123		3.51	30	
Trichlorofluoromethane	46.0		"	50.0		92.0	62-140		9.33	30	
Vinyl Chloride	40.8		"	50.0		81.6	52-130		7.00	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*76-130*				
Batch BE50434 - EPA 5035A											
Blank (BE50434-BLK1)								Prepared & Analyzed: 05/08/2025			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50434 - EPA 5035A											
Blank (BE50434-BLK1)											Prepared & Analyzed: 05/08/2025
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.011	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.7*		*"*	*50.0*		*109*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.2*		*"*	*50.0*		*114*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50434 - EPA 5035A											
LCS (BE50434-BS1)								Prepared & Analyzed: 05/08/2025			
1,1,1,2-Tetrachloroethane	39.2		ug/L	50.0		78.3	75-129				
1,1,1-Trichloroethane	47.4		"	50.0		94.9	71-137				
1,1,2,2-Tetrachloroethane	43.9		"	50.0		87.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.5		"	50.0		71.0	58-146				
1,1,2-Trichloroethane	44.0		"	50.0		87.9	83-123				
1,1-Dichloroethane	45.7		"	50.0		91.3	75-130				
1,1-Dichloroethylene	39.3		"	50.0		78.6	64-137				
1,2,3-Trichlorobenzene	50.2		"	50.0		100	81-140				
1,2,3-Trichloropropane	45.0		"	50.0		90.0	81-126				
1,2,4-Trichlorobenzene	50.9		"	50.0		102	80-141				
1,2,4-Trimethylbenzene	41.5		"	50.0		83.0	84-125	Low Bias			
1,2-Dibromo-3-chloropropane	46.9		"	50.0		93.7	74-142				
1,2-Dibromoethane	46.7		"	50.0		93.5	86-123				
1,2-Dichlorobenzene	43.3		"	50.0		86.6	85-122				
1,2-Dichloroethane	44.0		"	50.0		88.0	71-133				
1,2-Dichloropropane	43.8		"	50.0		87.7	81-122				
1,3,5-Trimethylbenzene	43.2		"	50.0		86.4	82-126				
1,3-Dichlorobenzene	39.8		"	50.0		79.7	84-124	Low Bias			
1,4-Dichlorobenzene	46.5		"	50.0		93.0	84-124				
1,4-Dioxane	983		"	1050		93.6	10-228				
2-Butanone	46.7		"	50.0		93.4	58-147				
2-Hexanone	45.1		"	50.0		90.1	70-139				
4-Methyl-2-pentanone	45.2		"	50.0		90.3	72-132				
Acetone	36.4		"	50.0		72.9	36-155				
Acrolein	38.1		"	50.0		76.3	10-238				
Acrylonitrile	48.1		"	50.0		96.3	66-141				
Benzene	42.6		"	50.0		85.3	77-127				
Bromochloromethane	44.5		"	50.0		88.9	74-129				
Bromodichloromethane	42.6		"	50.0		85.2	81-124				
Bromoform	43.9		"	50.0		87.9	80-136				
Bromomethane	35.8		"	50.0		71.6	32-177				
Carbon disulfide	39.5		"	50.0		79.0	10-136				
Carbon tetrachloride	46.8		"	50.0		93.6	66-143				
Chlorobenzene	42.9		"	50.0		85.8	86-120	Low Bias			
Chloroethane	37.7		"	50.0		75.4	51-142				
Chloroform	43.5		"	50.0		87.0	76-131				
Chloromethane	36.8		"	50.0		73.6	49-132				
cis-1,2-Dichloroethylene	46.3		"	50.0		92.7	74-132				
cis-1,3-Dichloropropylene	43.3		"	50.0		86.6	81-129				
Cyclohexane	42.2		"	50.0		84.3	70-130				
Dibromochloromethane	43.9		"	50.0		87.8	10-200				
Dibromomethane	43.6		"	50.0		87.1	83-124				
Dichlorodifluoromethane	37.5		"	50.0		74.9	28-158				
Ethyl Benzene	41.9		"	50.0		83.8	84-125	Low Bias			
Hexachlorobutadiene	50.5		"	50.0		101	83-133				
Isopropylbenzene	44.8		"	50.0		89.7	81-127				
Methyl acetate	63.0		"	50.0		126	41-143				
Methyl tert-butyl ether (MTBE)	49.3		"	50.0		98.6	74-131				
Methylcyclohexane	44.8		"	50.0		89.5	70-130				
Methylene chloride	50.1		"	50.0		100	57-141				
n-Butylbenzene	40.8		"	50.0		81.6	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50434 - EPA 5035A											
LCS (BE50434-BS1)								Prepared & Analyzed: 05/08/2025			
n-Propylbenzene	43.2		ug/L	50.0		86.4	74-136				
o-Xylene	42.4		"	50.0		84.8	83-123				
p- & m- Xylenes	85.8		"	100		85.8	82-128				
p-Isopropyltoluene	40.4		"	50.0		80.8	85-125	Low Bias			
sec-Butylbenzene	44.4		"	50.0		88.8	83-125				
Styrene	40.4		"	50.0		80.8	86-126	Low Bias			
tert-Butyl alcohol (TBA)	278		"	250		111	70-130				
tert-Butylbenzene	44.6		"	50.0		89.2	80-127				
Tetrachloroethylene	39.6		"	50.0		79.2	80-129	Low Bias			
Toluene	43.0		"	50.0		85.9	85-121				
trans-1,2-Dichloroethylene	45.4		"	50.0		90.8	72-132				
trans-1,3-Dichloropropylene	41.5		"	50.0		82.9	78-132				
Trichloroethylene	47.7		"	50.0		95.4	84-123				
Trichlorofluoromethane	39.3		"	50.0		78.6	62-140				
Vinyl Chloride	35.9		"	50.0		71.8	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.6*		*"*	*50.0*		*105*	*76-130*				
LCS Dup (BE50434-BSD1)								Prepared & Analyzed: 05/08/2025			
1,1,1,2-Tetrachloroethane	39.4		ug/L	50.0		78.7	75-129		0.484	30	
1,1,1-Trichloroethane	46.5		"	50.0		93.0	71-137		2.02	30	
1,1,2,2-Tetrachloroethane	43.9		"	50.0		87.8	79-129		0.0228	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39.2		"	50.0		78.3	58-146		9.77	30	
1,1,2-Trichloroethane	44.4		"	50.0		88.8	83-123		0.973	30	
1,1-Dichloroethane	42.1		"	50.0		84.2	75-130		8.11	30	
1,1-Dichloroethylene	37.3		"	50.0		74.6	64-137		5.17	30	
1,2,3-Trichlorobenzene	54.4		"	50.0		109	81-140		8.06	30	
1,2,3-Trichloropropane	44.7		"	50.0		89.4	81-126		0.624	30	
1,2,4-Trichlorobenzene	59.1		"	50.0		118	80-141		15.1	30	
1,2,4-Trimethylbenzene	43.1		"	50.0		86.2	84-125		3.78	30	
1,2-Dibromo-3-chloropropane	43.8		"	50.0		87.6	74-142		6.80	30	
1,2-Dibromoethane	47.3		"	50.0		94.5	86-123		1.15	30	
1,2-Dichlorobenzene	45.1		"	50.0		90.2	85-122		4.09	30	
1,2-Dichloroethane	42.7		"	50.0		85.4	71-133		2.95	30	
1,2-Dichloropropane	42.7		"	50.0		85.5	81-122		2.59	30	
1,3,5-Trimethylbenzene	45.0		"	50.0		90.1	82-126		4.17	30	
1,3-Dichlorobenzene	43.1		"	50.0		86.1	84-124		7.79	30	
1,4-Dichlorobenzene	49.9		"	50.0		99.8	84-124		7.06	30	
1,4-Dioxane	1080		"	1050		103	10-228		9.27	30	
2-Butanone	44.5		"	50.0		88.9	58-147		4.89	30	
2-Hexanone	43.3		"	50.0		86.7	70-139		3.91	30	
4-Methyl-2-pentanone	44.3		"	50.0		88.6	72-132		1.94	30	
Acetone	32.8		"	50.0		65.6	36-155		10.5	30	
Acrolein	36.0		"	50.0		72.1	10-238		5.64	30	
Acrylonitrile	45.6		"	50.0		91.3	66-141		5.35	30	
Benzene	43.6		"	50.0		87.1	77-127		2.13	30	
Bromochloromethane	44.3		"	50.0		88.7	74-129		0.293	30	
Bromodichloromethane	41.5		"	50.0		83.1	81-124		2.52	30	
Bromoform	46.2		"	50.0		92.5	80-136		5.08	30	
Bromomethane	34.8		"	50.0		69.6	32-177		2.83	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50434 - EPA 5035A											
LCS Dup (BE50434-BSD1)								Prepared & Analyzed: 05/08/2025			
Carbon disulfide	38.2		ug/L	50.0		76.4	10-136		3.40	30	
Carbon tetrachloride	46.4		"	50.0		92.9	66-143		0.751	30	
Chlorobenzene	44.3		"	50.0		88.6	86-120		3.28	30	
Chloroethane	36.7		"	50.0		73.4	51-142		2.64	30	
Chloroform	43.6		"	50.0		87.2	76-131		0.161	30	
Chloromethane	33.5		"	50.0		67.0	49-132		9.50	30	
cis-1,2-Dichloroethylene	43.7		"	50.0		87.4	74-132		5.82	30	
cis-1,3-Dichloropropylene	43.0		"	50.0		85.9	81-129		0.811	30	
Cyclohexane	42.8		"	50.0		85.6	70-130		1.46	30	
Dibromochloromethane	44.9		"	50.0		89.7	10-200		2.21	30	
Dibromomethane	43.1		"	50.0		86.2	83-124		1.08	30	
Dichlorodifluoromethane	32.5		"	50.0		65.1	28-158		14.1	30	
Ethyl Benzene	41.9		"	50.0		83.9	84-125	Low Bias	0.0477	30	
Hexachlorobutadiene	54.1		"	50.0		108	83-133		6.89	30	
Isopropylbenzene	45.4		"	50.0		90.8	81-127		1.22	30	
Methyl acetate	60.6		"	50.0		121	41-143		3.79	30	
Methyl tert-butyl ether (MTBE)	45.0		"	50.0		90.0	74-131		9.14	30	
Methylcyclohexane	44.6		"	50.0		89.2	70-130		0.425	30	
Methylene chloride	43.6		"	50.0		87.3	57-141		13.9	30	
n-Butylbenzene	43.4		"	50.0		86.8	80-130		6.15	30	
n-Propylbenzene	44.2		"	50.0		88.5	74-136		2.33	30	
o-Xylene	42.8		"	50.0		85.7	83-123		1.06	30	
p- & m- Xylenes	85.8		"	100		85.8	82-128		0.0117	30	
p-Isopropyltoluene	42.2		"	50.0		84.3	85-125	Low Bias	4.26	30	
sec-Butylbenzene	44.6		"	50.0		89.3	83-125		0.494	30	
Styrene	41.8		"	50.0		83.6	86-126	Low Bias	3.33	30	
tert-Butyl alcohol (TBA)	259		"	250		104	70-130		7.08	30	
tert-Butylbenzene	44.0		"	50.0		88.1	80-127		1.20	30	
Tetrachloroethylene	43.3		"	50.0		86.5	80-129		8.88	30	
Toluene	43.4		"	50.0		86.8	85-121		0.950	30	
trans-1,2-Dichloroethylene	43.0		"	50.0		85.9	72-132		5.46	30	
trans-1,3-Dichloropropylene	41.1		"	50.0		82.3	78-132		0.799	30	
Trichloroethylene	46.5		"	50.0		93.0	84-123		2.50	30	
Trichlorofluoromethane	36.1		"	50.0		72.1	62-140		8.62	30	
Vinyl Chloride	34.8		"	50.0		69.5	52-130		3.17	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50710 - EPA 5035A											
Blank (BE50710-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Prepared & Analyzed: 05/09/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50710 - EPA 5035A											
Blank (BE50710-BLK1)								Prepared & Analyzed: 05/09/2025			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.5*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.7*		*"*	*50.0*		*93.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.3*		*"*	*50.0*		*107*	*76-130*				
LCS (BE50710-BS1)								Prepared & Analyzed: 05/09/2025			
1,1,1,2-Tetrachloroethane	41.0		ug/L	50.0		82.1	75-129				
1,1,1-Trichloroethane	45.3		"	50.0		90.7	71-137				
1,1,2,2-Tetrachloroethane	43.5		"	50.0		87.0	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.9		"	50.0		95.8	58-146				
1,1,2-Trichloroethane	43.9		"	50.0		87.8	83-123				
1,1-Dichloroethane	45.7		"	50.0		91.3	75-130				
1,1-Dichloroethylene	43.8		"	50.0		87.7	64-137				
1,2,3-Trichlorobenzene	41.5		"	50.0		83.0	81-140				
1,2,3-Trichloropropane	43.5		"	50.0		87.0	81-126				
1,2,4-Trichlorobenzene	42.0		"	50.0		83.9	80-141				
1,2,4-Trimethylbenzene	42.6		"	50.0		85.2	84-125				
1,2-Dibromo-3-chloropropane	38.9		"	50.0		77.8	74-142				
1,2-Dibromoethane	44.5		"	50.0		88.9	86-123				
1,2-Dichlorobenzene	43.1		"	50.0		86.2	85-122				
1,2-Dichloroethane	47.4		"	50.0		94.8	71-133				
1,2-Dichloropropane	42.2		"	50.0		84.4	81-122				
1,3,5-Trimethylbenzene	42.5		"	50.0		85.0	82-126				
1,3-Dichlorobenzene	41.9		"	50.0		83.8	84-124	Low Bias			
1,4-Dichlorobenzene	42.7		"	50.0		85.5	84-124				
1,4-Dioxane	914		"	1050		87.1	10-228				
2-Butanone	44.1		"	50.0		88.3	58-147				
2-Hexanone	42.5		"	50.0		84.9	70-139				
4-Methyl-2-pentanone	42.7		"	50.0		85.4	72-132				
Acetone	40.2		"	50.0		80.4	36-155				
Acrolein	52.1		"	50.0		104	10-238				
Acrylonitrile	50.1		"	50.0		100	66-141				
Benzene	47.5		"	50.0		95.0	77-127				
Bromochloromethane	49.3		"	50.0		98.6	74-129				
Bromodichloromethane	40.5		"	50.0		80.9	81-124	Low Bias			
Bromoform	43.3		"	50.0		86.5	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50710 - EPA 5035A											
LCS (BE50710-BS1)								Prepared & Analyzed: 05/09/2025			
Bromomethane	50.6		ug/L	50.0		101	32-177				
Carbon disulfide	42.2		"	50.0		84.5	10-136				
Carbon tetrachloride	44.2		"	50.0		88.4	66-143				
Chlorobenzene	43.3		"	50.0		86.6	86-120				
Chloroethane	50.7		"	50.0		101	51-142				
Chloroform	46.9		"	50.0		93.8	76-131				
Chloromethane	48.6		"	50.0		97.2	49-132				
cis-1,2-Dichloroethylene	46.6		"	50.0		93.1	74-132				
cis-1,3-Dichloropropylene	42.2		"	50.0		84.4	81-129				
Cyclohexane	45.1		"	50.0		90.2	70-130				
Dibromochloromethane	43.1		"	50.0		86.2	10-200				
Dibromomethane	43.2		"	50.0		86.5	83-124				
Dichlorodifluoromethane	45.8		"	50.0		91.6	28-158				
Ethyl Benzene	42.5		"	50.0		85.1	84-125				
Hexachlorobutadiene	36.5		"	50.0		73.1	83-133	Low Bias			
Isopropylbenzene	40.3		"	50.0		80.7	81-127	Low Bias			
Methyl acetate	50.7		"	50.0		101	41-143				
Methyl tert-butyl ether (MTBE)	46.8		"	50.0		93.6	74-131				
Methylcyclohexane	39.2		"	50.0		78.4	70-130				
Methylene chloride	45.9		"	50.0		91.7	57-141				
n-Butylbenzene	43.0		"	50.0		86.0	80-130				
n-Propylbenzene	41.2		"	50.0		82.4	74-136				
o-Xylene	43.9		"	50.0		87.9	83-123				
p- & m- Xylenes	85.2		"	100		85.2	82-128				
p-Isopropyltoluene	39.6		"	50.0		79.2	85-125	Low Bias			
sec-Butylbenzene	40.1		"	50.0		80.1	83-125	Low Bias			
Styrene	42.4		"	50.0		84.8	86-126	Low Bias			
tert-Butyl alcohol (TBA)	239		"	250		95.5	70-130				
tert-Butylbenzene	39.4		"	50.0		78.7	80-127	Low Bias			
Tetrachloroethylene	33.5		"	50.0		66.9	80-129	Low Bias			
Toluene	41.4		"	50.0		82.8	85-121	Low Bias			
trans-1,2-Dichloroethylene	45.3		"	50.0		90.6	72-132				
trans-1,3-Dichloropropylene	42.1		"	50.0		84.1	78-132				
Trichloroethylene	40.8		"	50.0		81.5	84-123	Low Bias			
Trichlorofluoromethane	46.2		"	50.0		92.3	62-140				
Vinyl Chloride	49.6		"	50.0		99.3	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.9*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.8*		*"*	*50.0*		*93.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50710 - EPA 5035A											
LCS Dup (BE50710-BSD1)								Prepared & Analyzed: 05/09/2025			
1,1,1,2-Tetrachloroethane	41.3		ug/L	50.0		82.7	75-129		0.728	30	
1,1,1-Trichloroethane	47.1		"	50.0		94.2	71-137		3.81	30	
1,1,2,2-Tetrachloroethane	44.3		"	50.0		88.6	79-129		1.80	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.2		"	50.0		102	58-146		6.68	30	
1,1,2-Trichloroethane	44.6		"	50.0		89.2	83-123		1.58	30	
1,1-Dichloroethane	47.2		"	50.0		94.3	75-130		3.21	30	
1,1-Dichloroethylene	46.8		"	50.0		93.6	64-137		6.53	30	
1,2,3-Trichlorobenzene	42.1		"	50.0		84.1	81-140		1.34	30	
1,2,3-Trichloropropane	43.2		"	50.0		86.4	81-126		0.669	30	
1,2,4-Trichlorobenzene	42.2		"	50.0		84.4	80-141		0.594	30	
1,2,4-Trimethylbenzene	42.6		"	50.0		85.3	84-125		0.0469	30	
1,2-Dibromo-3-chloropropane	42.1		"	50.0		84.1	74-142		7.81	30	
1,2-Dibromoethane	45.0		"	50.0		90.0	86-123		1.19	30	
1,2-Dichlorobenzene	43.4		"	50.0		86.9	85-122		0.855	30	
1,2-Dichloroethane	49.5		"	50.0		99.0	71-133		4.40	30	
1,2-Dichloropropane	43.0		"	50.0		85.9	81-122		1.81	30	
1,3,5-Trimethylbenzene	42.2		"	50.0		84.5	82-126		0.543	30	
1,3-Dichlorobenzene	41.9		"	50.0		83.7	84-124	Low Bias	0.0239	30	
1,4-Dichlorobenzene	42.6		"	50.0		85.2	84-124		0.258	30	
1,4-Dioxane	930		"	1050		88.6	10-228		1.71	30	
2-Butanone	48.4		"	50.0		96.9	58-147		9.31	30	
2-Hexanone	42.7		"	50.0		85.4	70-139		0.493	30	
4-Methyl-2-pentanone	44.9		"	50.0		89.7	72-132		4.98	30	
Acetone	40.8		"	50.0		81.5	36-155		1.38	30	
Acrolein	72.1		"	50.0		144	10-238		32.1	30	Non-dir.
Acrylonitrile	53.6		"	50.0		107	66-141		6.69	30	
Benzene	48.6		"	50.0		97.2	77-127		2.37	30	
Bromochloromethane	50.8		"	50.0		102	74-129		3.12	30	
Bromodichloromethane	41.6		"	50.0		83.2	81-124		2.73	30	
Bromoform	44.3		"	50.0		88.6	80-136		2.40	30	
Bromomethane	47.1		"	50.0		94.2	32-177		7.07	30	
Carbon disulfide	45.2		"	50.0		90.3	10-136		6.73	30	
Carbon tetrachloride	45.9		"	50.0		91.7	66-143		3.69	30	
Chlorobenzene	43.5		"	50.0		87.0	86-120		0.461	30	
Chloroethane	50.1		"	50.0		100	51-142		1.21	30	
Chloroform	48.4		"	50.0		96.8	76-131		3.11	30	
Chloromethane	41.9		"	50.0		83.8	49-132		14.8	30	
cis-1,2-Dichloroethylene	47.4		"	50.0		94.9	74-132		1.87	30	
cis-1,3-Dichloropropylene	42.6		"	50.0		85.2	81-129		0.896	30	
Cyclohexane	49.4		"	50.0		98.8	70-130		9.06	30	
Dibromochloromethane	43.4		"	50.0		86.9	10-200		0.809	30	
Dibromomethane	44.0		"	50.0		88.0	83-124		1.76	30	
Dichlorodifluoromethane	36.2		"	50.0		72.5	28-158		23.3	30	
Ethyl Benzene	42.8		"	50.0		85.6	84-125		0.586	30	
Hexachlorobutadiene	35.7		"	50.0		71.3	83-133	Low Bias	2.41	30	
Isopropylbenzene	40.3		"	50.0		80.7	81-127	Low Bias	0.00	30	
Methyl acetate	54.9		"	50.0		110	41-143		8.00	30	
Methyl tert-butyl ether (MTBE)	49.2		"	50.0		98.4	74-131		5.06	30	
Methylcyclohexane	41.5		"	50.0		83.1	70-130		5.80	30	
Methylene chloride	46.8		"	50.0		93.6	57-141		2.03	30	
n-Butylbenzene	41.7		"	50.0		83.4	80-130		3.05	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50710 - EPA 5035A											
LCS Dup (BE50710-BSD1)								Prepared & Analyzed: 05/09/2025			
n-Propylbenzene	41.0		ug/L	50.0		82.1	74-136		0.341	30	
o-Xylene	43.7		"	50.0		87.3	83-123		0.617	30	
p- & m- Xylenes	85.5		"	100		85.5	82-128		0.445	30	
p-Isopropyltoluene	39.4		"	50.0		78.8	85-125	Low Bias	0.430	30	
sec-Butylbenzene	40.0		"	50.0		80.0	83-125	Low Bias	0.175	30	
Styrene	43.0		"	50.0		86.1	86-126		1.50	30	
tert-Butyl alcohol (TBA)	258		"	250		103	70-130		7.84	30	
tert-Butylbenzene	39.3		"	50.0		78.6	80-127	Low Bias	0.229	30	
Tetrachloroethylene	34.0		"	50.0		68.0	80-129	Low Bias	1.57	30	
Toluene	42.1		"	50.0		84.2	85-121	Low Bias	1.75	30	
trans-1,2-Dichloroethylene	47.5		"	50.0		95.0	72-132		4.72	30	
trans-1,3-Dichloropropylene	42.6		"	50.0		85.2	78-132		1.30	30	
Trichloroethylene	41.3		"	50.0		82.6	84-123	Low Bias	1.39	30	
Trichlorofluoromethane	46.3		"	50.0		92.5	62-140		0.216	30	
Vinyl Chloride	47.6		"	50.0		95.2	52-130		4.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.0*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.7*		*"*	*50.0*		*93.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				
Batch BE51092 - EPA 5030B											
Blank (BE51092-BLK1)								Prepared & Analyzed: 05/13/2025			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51092 - EPA 5030B											
Blank (BE51092-BLK1)											
Prepared & Analyzed: 05/13/2025											
Bromodichloromethane	ND	0.500	ug/L								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	0.810	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.67*		*"*	*10.0*		*96.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51092 - EPA 5030B											
LCS (BE51092-BS1)								Prepared & Analyzed: 05/13/2025			
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82-126				
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165				
1,1,2-Trichloroethane	9.96		"	10.0		99.6	82-123				
1,1-Dichloroethane	11.4		"	10.0		114	82-129				
1,1-Dichloroethylene	12.2		"	10.0		122	68-138				
1,2,3-Trichlorobenzene	6.20		"	10.0		62.0	76-136	Low Bias			
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	7.24		"	10.0		72.4	76-137	Low Bias			
1,2,4-Trimethylbenzene	11.6		"	10.0		116	82-132				
1,2-Dibromo-3-chloropropane	9.20		"	10.0		92.0	45-147				
1,2-Dibromoethane	9.87		"	10.0		98.7	83-124				
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	11.0		"	10.0		110	78-126				
1,3,5-Trimethylbenzene	14.6		"	10.0		146	80-131	High Bias			
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	10.2		"	10.0		102	81-125				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	0.00		"	210			10-349	Low Bias			
2-Butanone	11.0		"	10.0		110	49-152				
2-Hexanone	9.27		"	10.0		92.7	51-146				
4-Methyl-2-pentanone	10.0		"	10.0		100	57-145				
Acetone	8.25		"	10.0		82.5	14-150				
Acrolein	9.27		"	10.0		92.7	10-153				
Acrylonitrile	11.2		"	10.0		112	51-150				
Benzene	11.6		"	10.0		116	85-126				
Bromochloromethane	11.3		"	10.0		113	77-128				
Bromodichloromethane	10.7		"	10.0		107	79-128				
Bromoform	8.08		"	10.0		80.8	78-133				
Bromomethane	8.75		"	10.0		87.5	43-168				
Carbon disulfide	12.1		"	10.0		121	68-146				
Carbon tetrachloride	11.7		"	10.0		117	77-141				
Chlorobenzene	10.6		"	10.0		106	88-120				
Chloroethane	7.99		"	10.0		79.9	65-136				
Chloroform	11.0		"	10.0		110	82-128				
Chloromethane	7.42		"	10.0		74.2	43-155				
cis-1,2-Dichloroethylene	11.3		"	10.0		113	83-129				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131				
Cyclohexane	6.10		"	10.0		61.0	63-149	Low Bias			
Dibromochloromethane	10.1		"	10.0		101	80-130				
Dibromomethane	9.75		"	10.0		97.5	72-134				
Dichlorodifluoromethane	4.84		"	10.0		48.4	44-144				
Ethyl Benzene	11.4		"	10.0		114	80-131				
Hexachlorobutadiene	8.18		"	10.0		81.8	67-146				
Isopropylbenzene	12.0		"	10.0		120	76-140				
Methyl acetate	7.08		"	10.0		70.8	51-139				
Methyl tert-butyl ether (MTBE)	9.68		"	10.0		96.8	76-135				
Methylcyclohexane	10.8		"	10.0		108	72-143				
Methylene chloride	11.2		"	10.0		112	55-137				

Volatile Organic Compounds by GC/MS - Quality Control Data

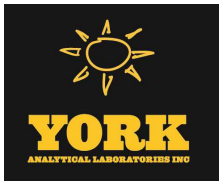
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51092 - EPA 5030B											
LCS (BE51092-BS1)								Prepared & Analyzed: 05/13/2025			
Naphthalene	6.88		ug/L	10.0		68.8	70-147	Low Bias			
n-Butylbenzene	11.8		"	10.0		118	79-132				
n-Propylbenzene	12.1		"	10.0		121	78-133				
o-Xylene	11.2		"	10.0		112	78-130				
p- & m- Xylenes	22.8		"	20.0		114	77-133				
p-Diethylbenzene	11.9		"	10.0		119	84-134				
p-Ethyltoluene	14.6		"	10.0		146	88-129	High Bias			
p-Isopropyltoluene	12.3		"	10.0		123	81-136				
sec-Butylbenzene	11.7		"	10.0		117	79-137				
Styrene	11.8		"	10.0		118	67-132				
tert-Butyl alcohol (TBA)	41.3		"	50.0		82.7	25-162				
tert-Butylbenzene	10.4		"	10.0		104	77-138				
Tetrachloroethylene	9.79		"	10.0		97.9	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	11.6		"	10.0		116	80-132				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131				
Trichloroethylene	10.8		"	10.0		108	82-128				
Trichlorofluoromethane	8.09		"	10.0		80.9	67-139				
Vinyl Chloride	7.20		"	10.0		72.0	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
LCS Dup (BE51092-BSD1)								Prepared & Analyzed: 05/13/2025			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		1.22	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136		7.53	30	
1,1,2,2-Tetrachloroethane	11.7		"	10.0		117	76-129		8.35	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165		6.92	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		7.26	30	
1,1-Dichloroethane	10.8		"	10.0		108	82-129		5.51	30	
1,1-Dichloroethylene	11.4		"	10.0		114	68-138		7.12	30	
1,2,3-Trichlorobenzene	8.15		"	10.0		81.5	76-136		27.2	30	
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128		8.22	30	
1,2,4-Trichlorobenzene	8.34		"	10.0		83.4	76-137		14.1	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		14.0	30	
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147		13.7	30	
1,2-Dibromoethane	10.8		"	10.0		108	83-124		8.91	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		1.09	30	
1,2-Dichloroethane	11.8		"	10.0		118	73-132		8.76	30	
1,2-Dichloropropane	10.5		"	10.0		105	78-126		4.56	30	
1,3,5-Trimethylbenzene	12.3		"	10.0		123	80-131		17.4	30	
1,3-Dichlorobenzene	9.75		"	10.0		97.5	86-122		8.17	30	
1,3-Dichloropropane	11.0		"	10.0		110	81-125		7.74	30	
1,4-Dichlorobenzene	9.63		"	10.0		96.3	85-124		6.92	30	
1,4-Dioxane	0.00		"	210			10-349	Low Bias		30	
2-Butanone	13.6		"	10.0		136	49-152		21.5	30	
2-Hexanone	12.0		"	10.0		120	51-146		26.1	30	
4-Methyl-2-pentanone	12.7		"	10.0		127	57-145		23.6	30	
Acetone	10.4		"	10.0		104	14-150		23.1	30	
Acrolein	10.7		"	10.0		107	10-153		14.4	30	
Acrylonitrile	13.0		"	10.0		130	51-150		15.0	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51092 - EPA 5030B											
LCS Dup (BE51092-BSD1)								Prepared & Analyzed: 05/13/2025			
Benzene	11.1		ug/L	10.0		111	85-126		4.50	30	
Bromochloromethane	12.0		"	10.0		120	77-128		6.09	30	
Bromodichloromethane	10.7		"	10.0		107	79-128		0.280	30	
Bromoform	9.26		"	10.0		92.6	78-133		13.6	30	
Bromomethane	7.55		"	10.0		75.5	43-168		14.7	30	
Carbon disulfide	11.1		"	10.0		111	68-146		8.96	30	
Carbon tetrachloride	10.9		"	10.0		109	77-141		6.55	30	
Chlorobenzene	10.1		"	10.0		101	88-120		5.13	30	
Chloroethane	7.10		"	10.0		71.0	65-136		11.8	30	
Chloroform	10.8		"	10.0		108	82-128		2.30	30	
Chloromethane	6.35		"	10.0		63.5	43-155		15.5	30	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129		3.41	30	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131		1.17	30	
Cyclohexane	5.78		"	10.0		57.8	63-149	Low Bias	5.39	30	
Dibromochloromethane	10.9		"	10.0		109	80-130		7.81	30	
Dibromomethane	10.4		"	10.0		104	72-134		6.55	30	
Dichlorodifluoromethane	4.41		"	10.0		44.1	44-144		9.30	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		9.55	30	
Hexachlorobutadiene	8.08		"	10.0		80.8	67-146		1.23	30	
Isopropylbenzene	9.96		"	10.0		99.6	76-140		18.3	30	
Methyl acetate	8.41		"	10.0		84.1	51-139		17.2	30	
Methyl tert-butyl ether (MTBE)	11.6		"	10.0		116	76-135		18.4	30	
Methylcyclohexane	9.69		"	10.0		96.9	72-143		10.4	30	
Methylene chloride	11.4		"	10.0		114	55-137		1.33	30	
Naphthalene	8.93		"	10.0		89.3	70-147		25.9	30	
n-Butylbenzene	10.2		"	10.0		102	79-132		14.6	30	
n-Propylbenzene	10.2		"	10.0		102	78-133		17.0	30	
o-Xylene	10.5		"	10.0		105	78-130		7.09	30	
p- & m- Xylenes	20.8		"	20.0		104	77-133		9.55	30	
p-Diethylbenzene	10.3		"	10.0		103	84-134		14.7	30	
p-Ethyltoluene	12.3		"	10.0		123	88-129		17.4	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		16.5	30	
sec-Butylbenzene	10.0		"	10.0		100	79-137		15.8	30	
Styrene	11.5		"	10.0		115	67-132		2.49	30	
tert-Butyl alcohol (TBA)	59.9		"	50.0		120	25-162		36.7	30	Non-dir.
tert-Butylbenzene	8.82		"	10.0		88.2	77-138		16.7	30	
Tetrachloroethylene	8.73		"	10.0		87.3	82-131		11.4	30	
Toluene	9.58		"	10.0		95.8	80-127		9.07	30	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132		6.65	30	
trans-1,3-Dichloropropylene	11.0		"	10.0		110	78-131		6.79	30	
Trichloroethylene	9.64		"	10.0		96.4	82-128		11.2	30	
Trichlorofluoromethane	7.30		"	10.0		73.0	67-139		10.3	30	
Vinyl Chloride	6.38		"	10.0		63.8	58-145		12.1	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.2*		*"*	*10.0*		*112*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50791 - EPA 3510C											
Blank (BE50791-BLK1)											
Prepared: 05/10/2025 Analyzed: 05/13/2025											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*10.8*		*"*	*50.0*		*21.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.03*		*"*	*50.0*		*10.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*10.4*		*"*	*25.0*		*41.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*8.09*		*"*	*25.0*		*32.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*22.0*		*"*	*50.0*		*43.9*	*39.3-151*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50791 - EPA 3510C											
Blank (BE50791-BLK1)								Prepared: 05/10/2025 Analyzed: 05/13/2025			
Surrogate: SURR: Terphenyl-d14	*11.6*		*ug/L*	*25.0*		*46.6*	*30.7-106*				
LCS (BE50791-BS1)								Prepared: 05/10/2025 Analyzed: 05/13/2025			
1,1-Biphenyl	10.3	5.00	ug/L	25.0		41.3	33-95				
1,2,4,5-Tetrachlorobenzene	9.06	5.00	"	25.0		36.2	26-120				
2,3,4,6-Tetrachlorophenol	12.6	5.00	"	25.0		50.6	30-130				
2,4,5-Trichlorophenol	11.2	5.00	"	25.0		44.8	32-114				
2,4,6-Trichlorophenol	11.8	5.00	"	25.0		47.3	35-118				
2,4-Dichlorophenol	11.0	5.00	"	25.0		44.0	25-116				
2,4-Dimethylphenol	11.1	5.00	"	25.0		44.5	15-116				
2,4-Dinitrophenol	8.63	5.00	"	25.0		34.5	10-170				
2,4-Dinitrotoluene	13.9	5.00	"	25.0		55.6	41-128				
2,6-Dinitrotoluene	13.5	5.00	"	25.0		54.1	45-116				
2-Chloronaphthalene	9.78	5.00	"	25.0		39.1	33-112				
2-Chlorophenol	9.72	5.00	"	25.0		38.9	15-120				
2-Methylnaphthalene	8.92	5.00	"	25.0		35.7	24-118				
2-Methylphenol	8.93	5.00	"	25.0		35.7	10-110				
2-Nitroaniline	12.8	5.00	"	25.0		51.4	34-129				
2-Nitrophenol	12.1	5.00	"	25.0		48.4	28-118				
3- & 4-Methylphenols	7.13	5.00	"	25.0		28.5	10-107				
3,3-Dichlorobenzidine	6.70	5.00	"	25.0		26.8	15-187				
3-Nitroaniline	9.14	5.00	"	25.0		36.6	24-134				
4,6-Dinitro-2-methylphenol	15.0	5.00	"	25.0		60.1	10-153				
4-Bromophenyl phenyl ether	10.7	5.00	"	25.0		42.8	34-120				
4-Chloro-3-methylphenol	13.3	5.00	"	25.0		53.1	20-120				
4-Chloroaniline	6.74	5.00	"	25.0		27.0	10-147				
4-Chlorophenyl phenyl ether	11.4	5.00	"	25.0		45.7	27-121				
4-Nitroaniline	11.6	5.00	"	25.0		46.2	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	11.5	5.00	"	25.0		45.8	25-110				
Benzaldehyde	11.6	5.00	"	25.0		46.3	29-117				
Benzyl butyl phthalate	12.0	5.00	"	25.0		47.9	29-133				
Bis(2-chloroethoxy)methane	11.5	5.00	"	25.0		46.0	10-154				
Bis(2-chloroethyl)ether	10.4	5.00	"	25.0		41.8	17-125				
Bis(2-chloroisopropyl)ether	11.5	5.00	"	25.0		45.9	10-139				
Caprolactam	2.55	5.00	"	25.0		10.2	10-137				
Carbazole	9.87	5.00	"	25.0		39.5	42-126	Low Bias			
Dibenzofuran	10.1	5.00	"	25.0		40.3	36-113				
Diethyl phthalate	12.2	5.00	"	25.0		49.0	38-115				
Dimethyl phthalate	12.1	5.00	"	25.0		48.4	38-129				
Di-n-butyl phthalate	11.5	5.00	"	25.0		46.0	31-120				
Di-n-octyl phthalate	12.6	5.00	"	25.0		50.2	21-149				
Hexachlorocyclopentadiene	6.40	10.0	"	25.0		25.6	10-130				
Isophorone	12.5	5.00	"	25.0		50.0	25-127				
N-nitroso-di-n-propylamine	10.8	5.00	"	25.0		43.2	26-122				
N-Nitrosodiphenylamine	12.8	5.00	"	25.0		51.3	23-149				
Phenol	4.30	5.00	"	25.0		17.2	10-110				
Pyridine	2.64	5.00	"	35.0		7.54	10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*10.9*		*"*	*50.0*		*21.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.20*		*"*	*50.0*		*12.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*11.8*		*"*	*25.0*		*47.0*	*50.2-113*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

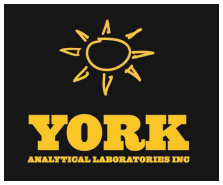
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50791 - EPA 3510C											
LCS (BE50791-BS1)											
Prepared: 05/10/2025 Analyzed: 05/13/2025											
Surrogate: SURR: 2-Fluorobiphenyl	*9.96*		*ug/L*	*25.0*		*39.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*24.7*		*"*	*50.0*		*49.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*12.2*		*"*	*25.0*		*48.8*	*30.7-106*				
Batch BE50792 - EPA 3510C											
Blank (BE50792-BLK2)											
Prepared: 05/10/2025 Analyzed: 05/12/2025											
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50792 - EPA 3510C											
LCS (BE50792-BS2)								Prepared: 05/10/2025 Analyzed: 05/12/2025			
Acenaphthene	0.540	0.0500	ug/L	1.00		54.0	25-116				
Acenaphthylene	0.600	0.0500	"	1.00		60.0	26-116				
Anthracene	0.560	0.0500	"	1.00		56.0	25-123				
Benzo(a)anthracene	0.600	0.0500	"	1.00		60.0	33-125				
Benzo(a)pyrene	0.590	0.0500	"	1.00		59.0	32-132				
Benzo(b)fluoranthene	0.640	0.0500	"	1.00		64.0	22-137				
Benzo(g,h,i)perylene	0.710	0.0500	"	1.00		71.0	10-138				
Benzo(k)fluoranthene	0.610	0.0500	"	1.00		61.0	20-137				
Bis(2-ethylhexyl)phthalate	0.650	0.500	"	1.00		65.0	10-189				
Chrysene	0.590	0.0500	"	1.00		59.0	32-124				
Dibenzo(a,h)anthracene	0.670	0.0500	"	1.00		67.0	16-133				
Fluoranthene	0.640	0.0500	"	1.00		64.0	32-121				
Fluorene	0.600	0.0500	"	1.00		60.0	28-118				
Hexachlorobenzene	0.640	0.0200	"	1.00		64.0	23-124				
Hexachlorobutadiene	ND	0.500	"	1.00			15-123	Low Bias			
Hexachloroethane	2.57	0.500	"	1.00		257	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.660	0.0500	"	1.00		66.0	15-135				
Naphthalene	0.540	0.0500	"	1.00		54.0	18-120				
Nitrobenzene	0.290	0.250	"	1.00		29.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	2.76	0.250	"	1.00		276	10-156	High Bias			
Phenanthrene	0.600	0.0500	"	1.00		60.0	24-127				
Pyrene	0.610	0.0500	"	1.00		61.0	31-132				
Batch BE50875 - EPA 3550C											
Blank (BE50875-BLK1)								Prepared: 05/12/2025 Analyzed: 05/13/2025			
1,1-Biphenyl	ND	0.0407	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0814	"								
1,2,4-Trichlorobenzene	ND	0.0407	"								
1,2-Dichlorobenzene	ND	0.0407	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0407	"								
1,3-Dichlorobenzene	ND	0.0407	"								
1,4-Dichlorobenzene	ND	0.0407	"								
2,3,4,6-Tetrachlorophenol	ND	0.0814	"								
2,4,5-Trichlorophenol	ND	0.0407	"								
2,4,6-Trichlorophenol	ND	0.0407	"								
2,4-Dichlorophenol	ND	0.0407	"								
2,4-Dimethylphenol	ND	0.0407	"								
2,4-Dinitrophenol	ND	0.0814	"								
2,4-Dinitrotoluene	ND	0.0407	"								
2,6-Dinitrotoluene	ND	0.0407	"								
2-Chloronaphthalene	ND	0.0407	"								
2-Chlorophenol	ND	0.0407	"								
2-Methylnaphthalene	ND	0.0407	"								
2-Methylphenol	ND	0.0407	"								
2-Nitroaniline	ND	0.0814	"								
2-Nitrophenol	ND	0.0407	"								
3- & 4-Methylphenols	ND	0.0407	"								
3,3-Dichlorobenzidine	ND	0.0407	"								
3-Nitroaniline	ND	0.0814	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BE50875 - EPA 3550C

Blank (BE50875-BLK1) Prepared: 05/12/2025 Analyzed: 05/13/2025

4,6-Dinitro-2-methylphenol	ND	0.0814	mg/kg wet
4-Bromophenyl phenyl ether	ND	0.0407	"
4-Chloro-3-methylphenol	ND	0.0407	"
4-Chloroaniline	ND	0.0407	"
4-Chlorophenyl phenyl ether	ND	0.0407	"
4-Nitroaniline	ND	0.0814	"
4-Nitrophenol	ND	0.0814	"
Acenaphthene	ND	0.0407	"
Acenaphthylene	ND	0.0407	"
Acetophenone	ND	0.0407	"
Aniline	ND	0.163	"
Anthracene	ND	0.0407	"
Atrazine	ND	0.0407	"
Benzaldehyde	ND	0.0407	"
Benzidine	ND	0.163	"
Benzo(a)anthracene	ND	0.0407	"
Benzo(a)pyrene	ND	0.0407	"
Benzo(b)fluoranthene	ND	0.0407	"
Benzo(g,h,i)perylene	ND	0.0407	"
Benzo(k)fluoranthene	ND	0.0407	"
Benzoic acid	ND	0.0407	"
Benzyl alcohol	ND	0.0407	"
Benzyl butyl phthalate	ND	0.0407	"
Bis(2-chloroethoxy)methane	ND	0.0407	"
Bis(2-chloroethyl)ether	ND	0.0407	"
Bis(2-chloroisopropyl)ether	ND	0.0407	"
Bis(2-ethylhexyl)phthalate	ND	0.0407	"
Caprolactam	ND	0.0814	"
Carbazole	ND	0.0407	"
Chrysene	ND	0.0407	"
Dibenzo(a,h)anthracene	ND	0.0407	"
Dibenzofuran	ND	0.0407	"
Diethyl phthalate	ND	0.0407	"
Dimethyl phthalate	ND	0.0407	"
Di-n-butyl phthalate	ND	0.0407	"
Di-n-octyl phthalate	ND	0.0407	"
Fluoranthene	ND	0.0407	"
Fluorene	ND	0.0407	"
Hexachlorobenzene	ND	0.0407	"
Hexachlorobutadiene	ND	0.0407	"
Hexachlorocyclopentadiene	ND	0.0407	"
Hexachloroethane	ND	0.0407	"
Indeno(1,2,3-cd)pyrene	ND	0.0407	"
Isophorone	ND	0.0407	"
Naphthalene	ND	0.0407	"
Nitrobenzene	ND	0.0407	"
N-Nitrosodimethylamine	ND	0.0407	"
N-nitroso-di-n-propylamine	ND	0.0407	"
N-Nitrosodiphenylamine	ND	0.0407	"
Pentachlorophenol	ND	0.0407	"
Phenanthrene	ND	0.0407	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50875 - EPA 3550C											
Blank (BE50875-BLK1)											Prepared: 05/12/2025 Analyzed: 05/13/2025
Phenol	ND	0.0407	mg/kg wet								
Pyrene	ND	0.0407	"								
Pyridine	ND	0.163	"								
Surrogate: SURR: 2-Fluorophenol	*0.961*		"	*1.63*		*59.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.773*		"	*1.63*		*47.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.451*		"	*0.814*		*55.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.457*		"	*0.814*		*56.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.26*		"	*1.63*		*77.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.564*		"	*0.814*		*69.2*	*24-116*				
Batch BE50935 - EPA 3550C											
Blank (BE50935-BLK1)											Prepared & Analyzed: 05/13/2025
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50935 - EPA 3550C											
Blank (BE50935-BLK1)											Prepared & Analyzed: 05/13/2025
Benzidine	ND	0.166	mg/kg wet								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.46*		"	*1.66*		*87.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*1.66*		*70.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.660*		"	*0.831*		*79.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.656*		"	*0.831*		*79.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.07*		"	*1.66*		*125*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.876*		"	*0.831*		*106*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50935 - EPA 3550C											
LCS (BE50935-BS1)								Prepared & Analyzed: 05/13/2025			
1,1-Biphenyl	0.495	0.0416	mg/kg wet	0.831		59.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.425	0.0830	"	0.831		51.2	21-131				
1,2,4-Trichlorobenzene	0.561	0.0416	"	0.831		67.6	10-140				
1,2-Dichlorobenzene	0.484	0.0416	"	0.831		58.2	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.421	0.0416	"	0.831		50.7	17-137				
1,3-Dichlorobenzene	0.488	0.0416	"	0.831		58.8	33-110				
1,4-Dichlorobenzene	0.489	0.0416	"	0.831		58.9	32-104				
2,3,4,6-Tetrachlorophenol	0.656	0.0830	"	0.831		79.0	30-130				
2,4,5-Trichlorophenol	0.496	0.0416	"	0.831		59.7	27-118				
2,4,6-Trichlorophenol	0.571	0.0416	"	0.831		68.8	31-120				
2,4-Dichlorophenol	0.551	0.0416	"	0.831		66.4	20-127				
2,4-Dimethylphenol	0.515	0.0416	"	0.831		62.0	14-132				
2,4-Dinitrophenol	0.0488	0.0830	"	0.831		5.88	10-171	Low Bias			
2,4-Dinitrotoluene	0.517	0.0416	"	0.831		62.2	34-131				
2,6-Dinitrotoluene	0.537	0.0416	"	0.831		64.6	31-128				
2-Chloronaphthalene	0.492	0.0416	"	0.831		59.2	31-117				
2-Chlorophenol	0.524	0.0416	"	0.831		63.0	33-113				
2-Methylnaphthalene	0.480	0.0416	"	0.831		57.8	12-138				
2-Methylphenol	0.502	0.0416	"	0.831		60.5	10-136				
2-Nitroaniline	0.540	0.0830	"	0.831		65.0	27-132				
2-Nitrophenol	0.527	0.0416	"	0.831		63.4	17-129				
3- & 4-Methylphenols	0.449	0.0416	"	0.831		54.0	29-103				
3,3-Dichlorobenzidine	1.14	0.0416	"	0.831		137	22-149				
3-Nitroaniline	0.540	0.0830	"	0.831		65.0	20-133				
4,6-Dinitro-2-methylphenol	0.0831	0.0830	"	0.831		10.0	10-143				
4-Bromophenyl phenyl ether	0.577	0.0416	"	0.831		69.4	29-120				
4-Chloro-3-methylphenol	0.581	0.0416	"	0.831		70.0	24-129				
4-Chloroaniline	0.437	0.0416	"	0.831		52.6	10-132				
4-Chlorophenyl phenyl ether	0.526	0.0416	"	0.831		63.3	27-124				
4-Nitroaniline	0.441	0.0830	"	0.831		53.1	16-128				
4-Nitrophenol	0.419	0.0830	"	0.831		50.4	10-141				
Acenaphthene	0.472	0.0416	"	0.831		56.8	30-121				
Acenaphthylene	0.495	0.0416	"	0.831		59.6	30-115				
Acetophenone	0.375	0.0416	"	0.831		45.1	20-112				
Aniline	0.454	0.166	"	0.831		54.6	10-119				
Anthracene	0.525	0.0416	"	0.831		63.2	34-118				
Atrazine	0.433	0.0416	"	0.831		52.2	26-112				
Benzaldehyde	0.407	0.0416	"	0.831		49.0	21-100				
Benzo(a)anthracene	0.543	0.0416	"	0.831		65.3	32-122				
Benzo(a)pyrene	0.573	0.0416	"	0.831		69.0	29-133				
Benzo(b)fluoranthene	0.570	0.0416	"	0.831		68.6	25-133				
Benzo(g,h,i)perylene	0.592	0.0416	"	0.831		71.3	10-143				
Benzo(k)fluoranthene	0.596	0.0416	"	0.831		71.8	25-128				
Benzoic acid	0.482	0.0416	"	0.831		58.1	10-140				
Benzyl alcohol	0.487	0.0416	"	0.831		58.6	30-115				
Benzyl butyl phthalate	0.545	0.0416	"	0.831		65.6	26-126				
Bis(2-chloroethoxy)methane	0.500	0.0416	"	0.831		60.2	19-132				
Bis(2-chloroethyl)ether	0.459	0.0416	"	0.831		55.2	19-125				
Bis(2-chloroisopropyl)ether	0.409	0.0416	"	0.831		49.2	20-135				
Bis(2-ethylhexyl)phthalate	0.594	0.0416	"	0.831		71.5	10-155				
Caprolactam	0.445	0.0830	"	0.831		53.5	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50935 - EPA 3550C											
LCS (BE50935-BS1)							Prepared & Analyzed: 05/13/2025				
Carbazole	0.464	0.0416	mg/kg wet	0.831		55.9	35-123				
Chrysene	0.569	0.0416	"	0.831		68.5	32-123				
Dibenzo(a,h)anthracene	0.518	0.0416	"	0.831		62.4	10-136				
Dibenzofuran	0.497	0.0416	"	0.831		59.8	29-121				
Diethyl phthalate	0.496	0.0416	"	0.831		59.8	34-116				
Dimethyl phthalate	0.512	0.0416	"	0.831		61.6	35-124				
Di-n-butyl phthalate	0.501	0.0416	"	0.831		60.4	31-116				
Di-n-octyl phthalate	0.655	0.0416	"	0.831		78.9	26-136				
Fluoranthene	0.523	0.0416	"	0.831		62.9	33-122				
Fluorene	0.514	0.0416	"	0.831		61.9	29-123				
Hexachlorobenzene	0.473	0.0416	"	0.831		57.0	21-124				
Hexachlorobutadiene	0.586	0.0416	"	0.831		70.5	10-149				
Hexachlorocyclopentadiene	0.139	0.0416	"	0.831		16.8	10-129				
Hexachloroethane	0.444	0.0416	"	0.831		53.4	28-108				
Indeno(1,2,3-cd)pyrene	0.508	0.0416	"	0.831		61.1	10-135				
Isophorone	0.494	0.0416	"	0.831		59.5	20-132				
Naphthalene	0.506	0.0416	"	0.831		61.0	23-124				
Nitrobenzene	0.490	0.0416	"	0.831		59.0	13-132				
N-Nitrosodimethylamine	0.510	0.0416	"	0.831		61.4	11-129				
N-nitroso-di-n-propylamine	0.439	0.0416	"	0.831		52.9	24-119				
N-Nitrosodiphenylamine	0.568	0.0416	"	0.831		68.4	22-152				
Pentachlorophenol	0.544	0.0416	"	0.831		65.5	10-139				
Phenanthrene	0.514	0.0416	"	0.831		61.9	33-123				
Phenol	0.511	0.0416	"	0.831		61.6	23-115				
Pyrene	0.563	0.0416	"	0.831		67.8	24-130				
Pyridine	0.450	0.166	"	0.831		54.2	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.14*		"	*1.66*		*68.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.951*		"	*1.66*		*57.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.511*		"	*0.831*		*61.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.535*		"	*0.831*		*64.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.54*		"	*1.66*		*92.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.616*		"	*0.831*		*74.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51156 - EPA 3550C											
Blank (BE51156-BLK1)											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Prepared & Analyzed: 05/15/2025

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51156 - EPA 3550C											
Blank (BE51156-BLK1)											Prepared & Analyzed: 05/15/2025
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.55*		"	*1.66*		*93.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.34*		"	*1.66*		*80.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.795*		"	*0.831*		*95.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.811*		"	*0.831*		*97.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.28*		"	*1.66*		*137*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*1.08*		"	*0.831*		*130*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE51156 - EPA 3550C

LCS (BE51156-BS1) Prepared & Analyzed: 05/15/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.640	0.0416	mg/kg wet	0.831		77.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.540	0.0830	"	0.831		65.0	21-131				
1,2,4-Trichlorobenzene	0.687	0.0416	"	0.831		82.7	10-140				
1,2-Dichlorobenzene	0.577	0.0416	"	0.831		69.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.582	0.0416	"	0.831		70.1	17-137				
1,3-Dichlorobenzene	0.588	0.0416	"	0.831		70.8	33-110				
1,4-Dichlorobenzene	0.591	0.0416	"	0.831		71.2	32-104				
2,3,4,6-Tetrachlorophenol	0.760	0.0830	"	0.831		91.5	30-130				
2,4,5-Trichlorophenol	0.598	0.0416	"	0.831		72.0	27-118				
2,4,6-Trichlorophenol	0.690	0.0416	"	0.831		83.0	31-120				
2,4-Dichlorophenol	0.679	0.0416	"	0.831		81.8	20-127				
2,4-Dimethylphenol	0.577	0.0416	"	0.831		69.4	14-132				
2,4-Dinitrophenol	0.225	0.0830	"	0.831		27.0	10-171				
2,4-Dinitrotoluene	0.660	0.0416	"	0.831		79.5	34-131				
2,6-Dinitrotoluene	0.683	0.0416	"	0.831		82.2	31-128				
2-Chloronaphthalene	0.622	0.0416	"	0.831		74.9	31-117				
2-Chlorophenol	0.626	0.0416	"	0.831		75.3	33-113				
2-Methylnaphthalene	0.595	0.0416	"	0.831		71.7	12-138				
2-Methylphenol	0.625	0.0416	"	0.831		75.2	10-136				
2-Nitroaniline	0.618	0.0830	"	0.831		74.4	27-132				
2-Nitrophenol	0.710	0.0416	"	0.831		85.4	17-129				
3- & 4-Methylphenols	0.532	0.0416	"	0.831		64.0	29-103				
3,3-Dichlorobenzidine	1.31	0.0416	"	0.831		158	22-149	High Bias			
3-Nitroaniline	0.618	0.0830	"	0.831		74.4	20-133				
4,6-Dinitro-2-methylphenol	0.386	0.0830	"	0.831		46.5	10-143				
4-Bromophenyl phenyl ether	0.761	0.0416	"	0.831		91.7	29-120				
4-Chloro-3-methylphenol	0.690	0.0416	"	0.831		83.0	24-129				
4-Chloroaniline	0.514	0.0416	"	0.831		61.9	10-132				
4-Chlorophenyl phenyl ether	0.632	0.0416	"	0.831		76.1	27-124				
4-Nitroaniline	0.445	0.0830	"	0.831		53.5	16-128				
4-Nitrophenol	0.331	0.0830	"	0.831		39.9	10-141				
Acenaphthene	0.572	0.0416	"	0.831		68.8	30-121				
Acenaphthylene	0.619	0.0416	"	0.831		74.5	30-115				
Acetophenone	0.464	0.0416	"	0.831		55.9	20-112				
Aniline	0.512	0.166	"	0.831		61.6	10-119				
Anthracene	0.642	0.0416	"	0.831		77.3	34-118				
Atrazine	0.574	0.0416	"	0.831		69.2	26-112				
Benzaldehyde	0.452	0.0416	"	0.831		54.5	21-100				
Benzo(a)anthracene	0.695	0.0416	"	0.831		83.7	32-122				
Benzo(a)pyrene	0.758	0.0416	"	0.831		91.3	29-133				
Benzo(b)fluoranthene	0.722	0.0416	"	0.831		87.0	25-133				
Benzo(g,h,i)perylene	0.758	0.0416	"	0.831		91.3	10-143				
Benzo(k)fluoranthene	0.824	0.0416	"	0.831		99.2	25-128				
Benzoic acid	0.499	0.0416	"	0.831		60.0	10-140				
Benzyl alcohol	0.584	0.0416	"	0.831		70.3	30-115				
Benzyl butyl phthalate	0.696	0.0416	"	0.831		83.8	26-126				
Bis(2-chloroethoxy)methane	0.605	0.0416	"	0.831		72.8	19-132				
Bis(2-chloroethyl)ether	0.559	0.0416	"	0.831		67.3	19-125				
Bis(2-chloroisopropyl)ether	0.503	0.0416	"	0.831		60.5	20-135				
Bis(2-ethylhexyl)phthalate	0.737	0.0416	"	0.831		88.8	10-155				
Caprolactam	0.505	0.0830	"	0.831		60.8	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51156 - EPA 3550C											
LCS (BE51156-BS1)							Prepared & Analyzed: 05/15/2025				
Carbazole	0.560	0.0416	mg/kg wet	0.831		67.5	35-123				
Chrysene	0.699	0.0416	"	0.831		84.2	32-123				
Dibenzo(a,h)anthracene	0.686	0.0416	"	0.831		82.6	10-136				
Dibenzofuran	0.616	0.0416	"	0.831		74.2	29-121				
Diethyl phthalate	0.617	0.0416	"	0.831		74.2	34-116				
Dimethyl phthalate	0.631	0.0416	"	0.831		76.0	35-124				
Di-n-butyl phthalate	0.649	0.0416	"	0.831		78.1	31-116				
Di-n-octyl phthalate	0.820	0.0416	"	0.831		98.7	26-136				
Fluoranthene	0.640	0.0416	"	0.831		77.0	33-122				
Fluorene	0.619	0.0416	"	0.831		74.5	29-123				
Hexachlorobenzene	0.617	0.0416	"	0.831		74.3	21-124				
Hexachlorobutadiene	0.736	0.0416	"	0.831		88.6	10-149				
Hexachlorocyclopentadiene	0.237	0.0416	"	0.831		28.6	10-129				
Hexachloroethane	0.572	0.0416	"	0.831		68.8	28-108				
Indeno(1,2,3-cd)pyrene	0.944	0.0416	"	0.831		114	10-135				
Isophorone	0.614	0.0416	"	0.831		73.9	20-132				
Naphthalene	0.624	0.0416	"	0.831		75.1	23-124				
Nitrobenzene	0.592	0.0416	"	0.831		71.2	13-132				
N-Nitrosodimethylamine	0.619	0.0416	"	0.831		74.6	11-129				
N-nitroso-di-n-propylamine	0.548	0.0416	"	0.831		65.9	24-119				
N-Nitrosodiphenylamine	0.754	0.0416	"	0.831		90.8	22-152				
Pentachlorophenol	0.651	0.0416	"	0.831		78.4	10-139				
Phenanthrene	0.649	0.0416	"	0.831		78.1	33-123				
Phenol	0.633	0.0416	"	0.831		76.2	23-115				
Pyrene	0.733	0.0416	"	0.831		88.2	24-130				
Pyridine	0.533	0.166	"	0.831		64.1	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.20*		*"*	*1.66*		*72.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.14*		*"*	*1.66*		*68.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.610*		*"*	*0.831*		*73.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.661*		*"*	*0.831*		*79.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.85*		*"*	*1.66*		*111*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.776*		*"*	*0.831*		*93.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE51156 - EPA 3550C

Matrix Spike (BE51156-MS1) *Source sample: 25E0212-11 (25SB-6 (3-5)) Prepared & Analyzed: 05/15/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.618	0.0912	mg/kg dry	0.911	ND	67.8	10-130				
1,2,4,5-Tetrachlorobenzene	0.524	0.182	"	0.911	ND	57.5	10-133				
1,2,4-Trichlorobenzene	0.722	0.0912	"	0.911	ND	79.3	10-127				
1,2-Dichlorobenzene	0.614	0.0912	"	0.911	ND	67.4	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.543	0.0912	"	0.911	ND	59.6	10-144				
1,3-Dichlorobenzene	0.614	0.0912	"	0.911	ND	67.4	11-111				
1,4-Dichlorobenzene	0.601	0.0912	"	0.911	ND	65.9	10-106				
2,3,4,6-Tetrachlorophenol	0.738	0.182	"	0.911	ND	81.0	30-130				
2,4,5-Trichlorophenol	0.536	0.0912	"	0.911	ND	58.9	10-127				
2,4,6-Trichlorophenol	0.618	0.0912	"	0.911	ND	67.8	10-132				
2,4-Dichlorophenol	0.575	0.0912	"	0.911	ND	63.1	10-128				
2,4-Dimethylphenol	0.318	0.0912	"	0.911	ND	34.9	10-137				
2,4-Dinitrophenol	ND	0.182	"	0.911	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.638	0.0912	"	0.911	ND	70.0	16-135				
2,6-Dinitrotoluene	0.654	0.0912	"	0.911	ND	71.8	18-131				
2-Chloronaphthalene	0.602	0.0912	"	0.911	ND	66.1	10-129				
2-Chlorophenol	0.568	0.0912	"	0.911	ND	62.3	15-116				
2-Methylnaphthalene	0.604	0.0912	"	0.911	ND	66.2	10-147				
2-Methylphenol	0.483	0.0912	"	0.911	ND	53.0	10-136				
2-Nitroaniline	0.630	0.182	"	0.911	ND	69.1	10-137				
2-Nitrophenol	0.715	0.0912	"	0.911	ND	78.5	10-129				
3- & 4-Methylphenols	0.410	0.0912	"	0.911	ND	45.0	10-123				
3,3-Dichlorobenzidine	0.735	0.0912	"	0.911	ND	80.6	10-155				
3-Nitroaniline	0.630	0.182	"	0.911	ND	69.1	12-133				
4,6-Dinitro-2-methylphenol	0.251	0.182	"	0.911	ND	27.6	10-155				
4-Bromophenyl phenyl ether	0.709	0.0912	"	0.911	ND	77.8	14-128				
4-Chloro-3-methylphenol	0.572	0.0912	"	0.911	ND	62.8	10-134				
4-Chloroaniline	0.506	0.0912	"	0.911	ND	55.5	10-145				
4-Chlorophenyl phenyl ether	0.635	0.0912	"	0.911	ND	69.7	14-130				
4-Nitroaniline	0.434	0.182	"	0.911	ND	47.6	10-147				
4-Nitrophenol	0.237	0.182	"	0.911	ND	26.0	10-137				
Acenaphthene	0.598	0.0912	"	0.911	ND	65.7	10-146				
Acenaphthylene	0.623	0.0912	"	0.911	ND	68.4	10-134				
Acetophenone	0.472	0.0912	"	0.911	ND	51.8	10-116				
Aniline	0.474	0.365	"	0.911	ND	52.0	10-123				
Anthracene	0.666	0.0912	"	0.911	ND	73.1	10-142				
Atrazine	0.526	0.0912	"	0.911	ND	57.7	19-115				
Benzaldehyde	0.503	0.0912	"	0.911	ND	55.2	10-125				
Benzo(a)anthracene	0.665	0.0912	"	0.911	ND	73.0	10-158				
Benzo(a)pyrene	0.646	0.0912	"	0.911	ND	70.9	10-180				
Benzo(b)fluoranthene	0.648	0.0912	"	0.911	ND	71.1	10-200				
Benzo(g,h,i)perylene	0.720	0.0912	"	0.911	ND	79.0	10-138				
Benzo(k)fluoranthene	0.766	0.0912	"	0.911	ND	84.1	10-197				
Benzoic acid	0.453	0.0912	"	0.911	ND	49.8	10-166				
Benzyl alcohol	0.572	0.0912	"	0.911	ND	62.8	12-124				
Benzyl butyl phthalate	0.687	0.0912	"	0.911	ND	75.4	10-154				
Bis(2-chloroethoxy)methane	0.620	0.0912	"	0.911	ND	68.0	10-132				
Bis(2-chloroethyl)ether	0.586	0.0912	"	0.911	ND	64.3	10-119				
Bis(2-chloroisopropyl)ether	0.504	0.0912	"	0.911	ND	55.4	10-139				
Bis(2-ethylhexyl)phthalate	0.731	0.0912	"	0.911	ND	80.2	10-167				
Caprolactam	0.478	0.182	"	0.911	ND	52.5	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51156 - EPA 3550C											
Matrix Spike (BE51156-MS1)	*Source sample: 25E0212-11 (25SB-6 (3-5))							Prepared & Analyzed: 05/15/2025			
Carbazole	0.561	0.0912	mg/kg dry	0.911	ND	61.5	10-167				
Chrysene	0.696	0.0912	"	0.911	ND	76.4	10-156				
Dibenzo(a,h)anthracene	0.634	0.0912	"	0.911	ND	69.6	10-137				
Dibenzofuran	0.618	0.0912	"	0.911	ND	67.8	10-147				
Diethyl phthalate	0.598	0.0912	"	0.911	ND	65.6	20-120				
Dimethyl phthalate	0.613	0.0912	"	0.911	ND	67.3	18-131				
Di-n-butyl phthalate	0.627	0.0912	"	0.911	ND	68.8	10-137				
Di-n-octyl phthalate	0.778	0.0912	"	0.911	ND	85.4	10-180				
Fluoranthene	0.652	0.0912	"	0.911	ND	71.5	10-160				
Fluorene	0.625	0.0912	"	0.911	ND	68.6	10-157				
Hexachlorobenzene	0.607	0.0912	"	0.911	ND	66.6	10-137				
Hexachlorobutadiene	0.727	0.0912	"	0.911	ND	79.8	10-132				
Hexachlorocyclopentadiene	0.158	0.0912	"	0.911	ND	17.4	10-106				
Hexachloroethane	0.552	0.0912	"	0.911	ND	60.6	10-110				
Indeno(1,2,3-cd)pyrene	0.879	0.0912	"	0.911	ND	96.5	10-144				
Isophorone	0.617	0.0912	"	0.911	ND	67.7	10-132				
Naphthalene	0.643	0.0912	"	0.911	ND	70.6	10-141				
Nitrobenzene	0.609	0.0912	"	0.911	ND	66.9	10-131				
N-Nitrosodimethylamine	0.632	0.0912	"	0.911	ND	69.4	10-126				
N-nitroso-di-n-propylamine	0.514	0.0912	"	0.911	ND	56.4	10-125				
N-Nitrosodiphenylamine	0.628	0.0912	"	0.911	ND	69.0	10-177				
Pentachlorophenol	0.569	0.0912	"	0.911	ND	62.4	10-153				
Phenanthrene	0.648	0.0912	"	0.911	ND	71.1	10-148				
Phenol	0.534	0.0912	"	0.911	ND	58.6	10-126				
Pyrene	0.739	0.0912	"	0.911	ND	81.1	10-165				
Pyridine	0.376	0.365	"	0.911	ND	41.3	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.13*		*"*	*1.82*		*62.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.02*		*"*	*1.82*		*56.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.657*		*"*	*0.911*		*72.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.665*		*"*	*0.911*		*73.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.65*		*"*	*1.82*		*90.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.776*		*"*	*0.911*		*85.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE51156 - EPA 3550C

Matrix Spike Dup (BE51156-MSD1) *Source sample: 25E0212-11 (25SB-6 (3-5)) Prepared & Analyzed: 05/15/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.531	0.0912	mg/kg dry	0.911	ND	58.2	10-130		15.2	30	
1,2,4,5-Tetrachlorobenzene	0.437	0.182	"	0.911	ND	47.9	10-133		18.2	30	
1,2,4-Trichlorobenzene	0.613	0.0912	"	0.911	ND	67.3	10-127		16.4	30	
1,2-Dichlorobenzene	0.523	0.0912	"	0.911	ND	57.4	14-111		15.9	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.484	0.0912	"	0.911	ND	53.1	10-144		11.5	30	
1,3-Dichlorobenzene	0.531	0.0912	"	0.911	ND	58.2	11-111		14.6	30	
1,4-Dichlorobenzene	0.531	0.0912	"	0.911	ND	58.2	10-106		12.4	30	
2,3,4,6-Tetrachlorophenol	0.602	0.182	"	0.911	ND	66.1	30-130		20.2	30	
2,4,5-Trichlorophenol	0.480	0.0912	"	0.911	ND	52.6	10-127		11.2	30	
2,4,6-Trichlorophenol	0.552	0.0912	"	0.911	ND	60.6	10-132		11.2	30	
2,4-Dichlorophenol	0.564	0.0912	"	0.911	ND	61.9	10-128		1.92	30	
2,4-Dimethylphenol	0.357	0.0912	"	0.911	ND	39.2	10-137		11.7	30	
2,4-Dinitrophenol	ND	0.182	"	0.911	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.538	0.0912	"	0.911	ND	59.0	16-135		17.0	30	
2,6-Dinitrotoluene	0.561	0.0912	"	0.911	ND	61.6	18-131		15.2	30	
2-Chloronaphthalene	0.523	0.0912	"	0.911	ND	57.4	10-129		14.1	30	
2-Chlorophenol	0.523	0.0912	"	0.911	ND	57.4	15-116		8.29	30	
2-Methylnaphthalene	0.515	0.0912	"	0.911	ND	56.6	10-147		15.8	30	
2-Methylphenol	0.487	0.0912	"	0.911	ND	53.4	10-136		0.751	30	
2-Nitroaniline	0.501	0.182	"	0.911	ND	55.0	10-137		22.7	30	
2-Nitrophenol	0.591	0.0912	"	0.911	ND	64.9	10-129		19.0	30	
3- & 4-Methylphenols	0.406	0.0912	"	0.911	ND	44.6	10-123		0.894	30	
3,3-Dichlorobenzidine	0.721	0.0912	"	0.911	ND	79.1	10-155		1.90	30	
3-Nitroaniline	0.501	0.182	"	0.911	ND	55.0	12-133		22.7	30	
4,6-Dinitro-2-methylphenol	0.213	0.182	"	0.911	ND	23.4	10-155		16.6	30	
4-Bromophenyl phenyl ether	0.617	0.0912	"	0.911	ND	67.7	14-128		14.0	30	
4-Chloro-3-methylphenol	0.597	0.0912	"	0.911	ND	65.5	10-134		4.24	30	
4-Chloroaniline	0.453	0.0912	"	0.911	ND	49.8	10-145		10.9	30	
4-Chlorophenyl phenyl ether	0.551	0.0912	"	0.911	ND	60.5	14-130		14.1	30	
4-Nitroaniline	0.407	0.182	"	0.911	ND	44.7	10-147		6.24	30	
4-Nitrophenol	0.438	0.182	"	0.911	ND	48.1	10-137		59.6	30	Non-dir.
Acenaphthene	0.467	0.0912	"	0.911	ND	51.3	10-146		24.6	30	
Acenaphthylene	0.526	0.0912	"	0.911	ND	57.7	10-134		17.0	30	
Acetophenone	0.413	0.0912	"	0.911	ND	45.3	10-116		13.4	30	
Aniline	0.440	0.365	"	0.911	ND	48.2	10-123		7.50	30	
Anthracene	0.545	0.0912	"	0.911	ND	59.8	10-142		20.0	30	
Atrazine	0.464	0.0912	"	0.911	ND	50.9	19-115		12.5	30	
Benzaldehyde	0.438	0.0912	"	0.911	ND	48.1	10-125		13.8	30	
Benzo(a)anthracene	0.558	0.0912	"	0.911	ND	61.2	10-158		17.5	30	
Benzo(a)pyrene	0.547	0.0912	"	0.911	ND	60.0	10-180		16.6	30	
Benzo(b)fluoranthene	0.541	0.0912	"	0.911	ND	59.4	10-200		18.0	30	
Benzo(g,h,i)perylene	0.642	0.0912	"	0.911	ND	70.5	10-138		11.4	30	
Benzo(k)fluoranthene	0.617	0.0912	"	0.911	ND	67.7	10-197		21.6	30	
Benzoic acid	0.381	0.0912	"	0.911	ND	41.8	10-166		17.3	30	
Benzyl alcohol	0.499	0.0912	"	0.911	ND	54.8	12-124		13.6	30	
Benzyl butyl phthalate	0.571	0.0912	"	0.911	ND	62.7	10-154		18.4	30	
Bis(2-chloroethoxy)methane	0.517	0.0912	"	0.911	ND	56.7	10-132		18.1	30	
Bis(2-chloroethyl)ether	0.487	0.0912	"	0.911	ND	53.4	10-119		18.5	30	
Bis(2-chloroisopropyl)ether	0.442	0.0912	"	0.911	ND	48.6	10-139		13.1	30	
Bis(2-ethylhexyl)phthalate	0.612	0.0912	"	0.911	ND	67.1	10-167		17.8	30	
Caprolactam	0.466	0.182	"	0.911	ND	51.1	10-132		2.63	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51156 - EPA 3550C											
Matrix Spike Dup (BE51156-MSD1)	*Source sample: 25E0212-11 (25SB-6 (3-5))							Prepared & Analyzed: 05/15/2025			
Carbazole	0.491	0.0912	mg/kg dry	0.911	ND	53.9	10-167		13.2	30	
Chrysene	0.575	0.0912	"	0.911	ND	63.1	10-156		19.0	30	
Dibenzo(a,h)anthracene	0.549	0.0912	"	0.911	ND	60.2	10-137		14.4	30	
Dibenzofuran	0.523	0.0912	"	0.911	ND	57.4	10-147		16.6	30	
Diethyl phthalate	0.520	0.0912	"	0.911	ND	57.0	20-120		14.0	30	
Dimethyl phthalate	0.528	0.0912	"	0.911	ND	57.9	18-131		15.0	30	
Di-n-butyl phthalate	0.536	0.0912	"	0.911	ND	58.8	10-137		15.7	30	
Di-n-octyl phthalate	0.651	0.0912	"	0.911	ND	71.4	10-180		17.8	30	
Fluoranthene	0.557	0.0912	"	0.911	ND	61.1	10-160		15.7	30	
Fluorene	0.527	0.0912	"	0.911	ND	57.8	10-157		17.1	30	
Hexachlorobenzene	0.544	0.0912	"	0.911	ND	59.7	10-137		11.0	30	
Hexachlorobutadiene	0.648	0.0912	"	0.911	ND	71.1	10-132		11.6	30	
Hexachlorocyclopentadiene	0.117	0.0912	"	0.911	ND	12.9	10-106		29.6	30	
Hexachloroethane	0.483	0.0912	"	0.911	ND	53.0	10-110		13.2	30	
Indeno(1,2,3-cd)pyrene	0.765	0.0912	"	0.911	ND	84.0	10-144		13.8	30	
Isophorone	0.504	0.0912	"	0.911	ND	55.3	10-132		20.2	30	
Naphthalene	0.552	0.0912	"	0.911	ND	60.6	10-141		15.1	30	
Nitrobenzene	0.526	0.0912	"	0.911	ND	57.7	10-131		14.8	30	
N-Nitrosodimethylamine	0.553	0.0912	"	0.911	ND	60.7	10-126		13.3	30	
N-nitroso-di-n-propylamine	0.464	0.0912	"	0.911	ND	51.0	10-125		10.1	30	
N-Nitrosodiphenylamine	0.585	0.0912	"	0.911	ND	64.2	10-177		7.21	30	
Pentachlorophenol	0.450	0.0912	"	0.911	ND	49.4	10-153		23.2	30	
Phenanthrene	0.551	0.0912	"	0.911	ND	60.5	10-148		16.2	30	
Phenol	0.537	0.0912	"	0.911	ND	59.0	10-126		0.544	30	
Pyrene	0.608	0.0912	"	0.911	ND	66.7	10-165		19.5	30	
Pyridine	0.309	0.365	"	0.911	ND	33.9	10-83		19.6	30	
Surrogate: SURR: 2-Fluorophenol	*1.07*		"	*1.82*		*58.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.964*		"	*1.82*		*52.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.547*		"	*0.911*		*60.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.569*		"	*0.911*		*62.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.50*		"	*1.82*		*82.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.671*		"	*0.911*		*73.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50803 - EPA 3550C											
Blank (BE50803-BLK1)											Prepared: 05/11/2025 Analyzed: 05/12/2025
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*673*		*"*	*495*		*136*	*39-127.5*				
LCS (BE50803-BS1)											Prepared: 05/11/2025 Analyzed: 05/12/2025
1,4-Dioxane	504	19.8	ug/kg	495		102	40-130				
Surrogate: 1,4-Dioxane-d8	*574*		*"*	*495*		*116*	*39-127.5*				
Batch BE50818 - EPA 3550C											
Blank (BE50818-BLK1)											Prepared: 05/12/2025 Analyzed: 05/13/2025
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*713*		*"*	*495*		*144*	*39-127.5*				
LCS (BE50818-BS1)											Prepared: 05/12/2025 Analyzed: 05/13/2025
1,4-Dioxane	557	19.8	ug/kg	495		113	40-130				
Surrogate: 1,4-Dioxane-d8	*554*		*"*	*495*		*112*	*39-127.5*				
Batch BE50837 - EPA 3535A											
Blank (BE50837-BLK1)											Prepared: 05/12/2025 Analyzed: 05/13/2025
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*4.00*		*"*	*4.00*		*100*	*36.6-118*				
LCS (BE50837-BS1)											Prepared: 05/12/2025 Analyzed: 05/13/2025
1,4-Dioxane	3.84	0.300	ug/L	4.00		96.0	50-130				
Surrogate: 1,4-Dioxane-d8	*4.64*		*"*	*4.00*		*116*	*36.6-118*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50397 - EPA 1633 Prep											
Blank (BE50397-BLK1)											
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.757	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.765	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.797	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.747	"								
HFPO-DA (Gen-X)	ND	0.797	"								
11CL-PF3OUdS	ND	0.753	"								
9CL-PF3ONS	ND	0.745	"								
ADONA	ND	0.753	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.98	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.98	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.69*		"	*2.32*		*116*	*25-150*				
Surrogate: M5PFHxA	*2.96*		"	*2.49*		*119*	*25-150*				
Surrogate: M4PFHpA	*2.04*		"	*2.49*		*81.8*	*25-150*				
Surrogate: M3PFHxS	*2.16*		"	*2.36*		*91.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.32*		"	*2.49*		*93.2*	*25-150*				
Surrogate: M6PFDA	*1.11*		"	*1.25*		*89.2*	*25-150*				
Surrogate: M7PFUdA	*1.03*		"	*1.25*		*82.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.865*		"	*1.25*		*69.4*	*25-150*				
Surrogate: M2PFTeDA	*0.824*		"	*1.25*		*66.2*	*10-150*				

Prepared: 05/06/2025 Analyzed: 05/08/2025

PFAS Target compounds by LC/MS-MS - Quality Control Data

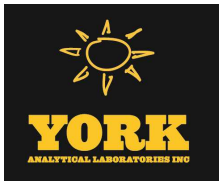
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50397 - EPA 1633 Prep											
Blank (BE50397-BLK1)								Prepared: 05/06/2025 Analyzed: 05/08/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.768*		*ug/kg wet*	*9.96*		*7.71*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.14*		*"*	*2.39*		*89.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.66*		*"*	*4.98*		*93.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.12*		*"*	*2.49*		*85.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.62*		*"*	*4.98*		*72.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.68*		*"*	*4.98*		*74.0*	*25-150*				
Surrogate: M2-6:2 FTS	*3.87*		*"*	*4.74*		*81.7*	*25-200*				
Surrogate: M2-8:2 FTS	*2.92*		*"*	*4.78*		*61.2*	*25-200*				
Surrogate: M9PFNA	*0.995*		*"*	*1.25*		*79.9*	*25-150*				
Surrogate: M2-4:2 FTS	*5.27*		*"*	*4.67*		*113*	*25-150*				
Surrogate: d-N-MeFOSA	*1.49*		*"*	*2.49*		*59.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.51*		*"*	*2.49*		*60.7*	*25-150*				
Surrogate: M3HFPO-DA	*11.5*		*"*	*9.96*		*116*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.8*		*"*	*24.9*		*79.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*23.9*		*"*	*24.9*		*96.1*	*25-150*				
LCS (BE50397-BS1)								Prepared: 05/06/2025 Analyzed: 05/08/2025			
Perfluorobutanesulfonic acid (PFBS)	2.95	0.177	ug/kg wet	3.54		83.2	50-150				
Perfluorohexanoic acid (PFHxA)	3.34	0.200	"	4.00		83.5	50-150				
Perfluoroheptanoic acid (PFHpA)	4.22	0.200	"	4.00		106	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.01	0.183	"	3.66		82.2	50-150				
Perfluorooctanoic acid (PFOA)	3.02	0.200	"	4.00		75.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	2.77	0.186	"	3.72		74.4	50-150				
Perfluorononanoic acid (PFNA)	3.24	0.200	"	4.00		81.0	50-150				
Perfluorodecanoic acid (PFDA)	3.48	0.200	"	4.00		86.9	50-150				
Perfluoroundecanoic acid (PFUnA)	3.37	0.200	"	4.00		84.3	50-150				
Perfluorododecanoic acid (PFDoA)	3.18	0.200	"	4.00		79.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.49	0.200	"	4.00		87.4	50-150				
Perfluorotetradecanoic acid (PFTA)	3.08	0.200	"	4.00		76.9	50-150				
N-MeFOSAA	3.40	0.200	"	4.00		85.0	50-150				
N-EtFOSAA	3.17	0.200	"	4.00		79.2	50-150				
Perfluoropentanoic acid (PFPeA)	6.44	0.400	"	8.00		80.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.64	0.200	"	4.00		65.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.92	0.200	"	3.82		76.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.35	0.193	"	3.86		61.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	11.2	0.760	"	15.2		73.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.0	0.768	"	15.4		84.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	7.89	0.800	"	16.0		49.3	50-150	Low Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.94	0.356	"	7.12		83.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.62	0.400	"	8.00		70.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.589	0.400	"	8.00		7.36	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	15.9	0.400	"	8.00		199	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	3.20	0.188	"	3.76		85.1	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.2	0.750	"	15.0		74.8	50-150				
HFPO-DA (Gen-X)	7.04	0.800	"	8.00		88.0	50-150				
11CL-PF3OUdS	4.15	0.756	"	7.56		54.9	50-150				
9CL-PF3ONS	4.31	0.748	"	7.48		57.7	50-150				
ADONA	6.74	0.756	"	7.56		89.1	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50397 - EPA 1633 Prep											
LCS (BE50397-BS1)								Prepared: 05/06/2025 Analyzed: 05/08/2025			
Perfluorododecanesulfonic acid (PFDoS)	1.82	0.194	ug/kg wet	3.88		46.9	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	2.22	0.192	"	3.84		57.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.37	1.00	"	16.0		58.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	82.0	5.00	"	80.0		102	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	70.7	5.00	"	80.0		88.3	50-150				
N-MeFOSE	31.2	2.00	"	40.0		78.1	50-150				
N-MeFOSA	3.70	0.200	"	4.00		92.5	50-150				
N-EtFOSE	34.7	2.00	"	40.0		86.8	50-150				
N-EtFOSA	3.21	0.200	"	4.00		80.4	50-150				
Surrogate: M3PFBS	*2.38*		"	*2.33*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.79*		"	*2.50*		*112*	*25-150*				
Surrogate: M4PFHpA	*2.06*		"	*2.50*		*82.5*	*25-150*				
Surrogate: M3PFHxS	*2.56*		"	*2.37*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.92*		"	*2.50*		*117*	*25-150*				
Surrogate: M6PFDA	*1.17*		"	*1.25*		*93.5*	*25-150*				
Surrogate: M7PFUdA	*1.11*		"	*1.25*		*88.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.881*		"	*1.25*		*70.5*	*25-150*				
Surrogate: M2PFTeDA	*0.833*		"	*1.25*		*66.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.219*		"	*10.0*		*2.19*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.85*		"	*2.40*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.856*		"	*5.00*		*17.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.42*		"	*2.50*		*96.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.57*		"	*5.00*		*71.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.72*		"	*5.00*		*74.4*	*25-150*				
Surrogate: M2-6:2 FTS	*4.59*		"	*4.76*		*96.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.58*		"	*4.80*		*74.6*	*25-200*				
Surrogate: M9PFNA	*1.19*		"	*1.25*		*95.2*	*25-150*				
Surrogate: M2-4:2 FTS	*5.26*		"	*4.69*		*112*	*25-150*				
Surrogate: d-N-MeFOSA	*1.51*		"	*2.50*		*60.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.54*		"	*2.50*		*61.5*	*25-150*				
Surrogate: M3HFPO-DA	*10.3*		"	*10.0*		*103*	*25-150*				
Surrogate: d9-N-EtFOSE	*20.0*		"	*25.0*		*79.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*23.3*		"	*25.0*		*93.3*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

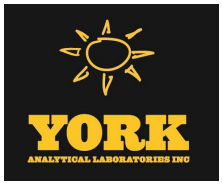
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50397 - EPA 1633 Prep											
LCS (BE50397-BS2)								Prepared: 05/06/2025 Analyzed: 05/08/2025			
Perfluorobutanesulfonic acid (PFBS)	0.276	0.176	ug/kg wet	0.353		78.4	50-150				
Perfluorohexanoic acid (PFHxA)	0.292	0.199	"	0.398		73.2	50-150				
Perfluoroheptanoic acid (PFHpA)	0.402	0.199	"	0.398		101	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.272	0.182	"	0.365		74.5	50-150				
Perfluorooctanoic acid (PFOA)	0.266	0.199	"	0.398		66.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.219	0.185	"	0.371		59.2	50-150				
Perfluorononanoic acid (PFNA)	0.376	0.199	"	0.398		94.4	50-150				
Perfluorodecanoic acid (PFDA)	0.283	0.199	"	0.398		70.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.399	0.199	"	0.398		100	50-150				
Perfluorododecanoic acid (PFDoA)	0.319	0.199	"	0.398		80.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.333	0.199	"	0.398		83.7	50-150				
Perfluorotetradecanoic acid (PFTA)	0.344	0.199	"	0.398		86.2	50-150				
N-MeFOSAA	0.308	0.199	"	0.398		77.3	50-150				
N-EtFOSAA	0.289	0.199	"	0.398		72.5	50-150				
Perfluoropentanoic acid (PFPeA)	0.631	0.398	"	0.797		79.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.252	0.199	"	0.398		63.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.269	0.199	"	0.380		70.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.221	0.192	"	0.384		57.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.01	0.757	"	1.51		66.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.33	0.765	"	1.53		86.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.04	0.797	"	1.59		65.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.478	0.355	"	0.709		67.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.790	0.398	"	0.797		99.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.0775	0.398	"	0.797		9.72	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.06	0.398	"	0.797		132	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.279	0.187	"	0.375		74.5	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.07	0.747	"	1.49		71.9	50-150				
HFPO-DA (Gen-X)	0.475	0.797	"	0.797		59.6	50-150				
11CL-PF3OUdS	0.394	0.753	"	0.753		52.3	50-150				
9CL-PF3ONS	0.332	0.745	"	0.745		44.6	50-150	Low Bias			
ADONA	0.512	0.753	"	0.753		68.0	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.103	0.193	"	0.386		26.6	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.247	0.191	"	0.382		64.5	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	0.933	0.996	"	1.59		58.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	7.32	4.98	"	7.97		91.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	7.03	4.98	"	7.97		88.2	50-150				
N-MeFOSE	2.64	1.99	"	3.98		66.3	50-150				
N-MeFOSA	0.370	0.199	"	0.398		93.0	50-150				
N-EtFOSE	3.43	1.99	"	3.98		86.1	50-150				
N-EtFOSA	0.379	0.199	"	0.398		95.2	50-150				
Surrogate: M3PFBS	*2.49*		"	*2.32*		*107*	*25-150*				
Surrogate: M5PFHxA	*2.87*		"	*2.49*		*115*	*25-150*				
Surrogate: M4PFHpA	*2.15*		"	*2.49*		*86.2*	*25-150*				
Surrogate: M3PFHxS	*2.48*		"	*2.36*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.08*		"	*2.49*		*124*	*25-150*				
Surrogate: M6PFDA	*1.51*		"	*1.25*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.16*		"	*1.25*		*93.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.939*		"	*1.25*		*75.4*	*25-150*				
Surrogate: M2PFTeDA	*0.904*		"	*1.25*		*72.6*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50397 - EPA 1633 Prep											
LCS (BE50397-BS2)									Prepared: 05/06/2025 Analyzed: 05/08/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.564*		*ug/kg wet*	*9.96*		*5.66*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.27*		*"*	*2.39*		*137*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.37*		*"*	*4.98*		*47.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.91*		*"*	*2.49*		*117*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.50*		*"*	*4.98*		*90.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.62*		*"*	*4.98*		*92.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.46*		*"*	*4.74*		*94.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.88*		*"*	*4.78*		*81.2*	*25-200*				
Surrogate: M9PFNA	*1.17*		*"*	*1.25*		*94.0*	*25-150*				
Surrogate: M2-4:2 FTS	*5.08*		*"*	*4.67*		*109*	*25-150*				
Surrogate: d-N-MeFOSA	*1.88*		*"*	*2.49*		*75.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		*"*	*2.49*		*64.3*	*25-150*				
Surrogate: M3HFPO-DA	*10.8*		*"*	*9.96*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*22.2*		*"*	*24.9*		*89.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*24.4*		*"*	*24.9*		*98.2*	*25-150*				
Duplicate (BE50397-DUP1)	*Source sample: 25E0212-11 (25SB-6 (3-5))								Prepared: 05/06/2025 Analyzed: 05/08/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.194	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.219	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.219	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.201	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.219	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.204	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.219	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.219	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.219	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.219	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.219	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.219	"		ND					30	
N-MeFOSAA	ND	0.219	"		ND					30	
N-EtFOSAA	ND	0.219	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.439	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.219	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.219	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.212	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.834	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.842	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.878	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.391	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.439	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.439	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.439	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.206	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.823	"		ND					30	
HFPO-DA (Gen-X)	ND	0.878	"		ND					30	
11CL-PF3OUdS	ND	0.829	"		ND					30	
9CL-PF3ONS	ND	0.821	"		ND					30	
ADONA	ND	0.829	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50397 - EPA 1633 Prep											
Duplicate (BE50397-DUP1)	*Source sample: 25E0212-11 (25SB-6 (3-5))								Prepared: 05/06/2025 Analyzed: 05/08/2025		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.213	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.211	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.10	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.48	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.48	"		ND					30	
N-MeFOSE	ND	2.19	"		ND					30	
N-MeFOSA	ND	0.219	"		ND					30	
N-EtFOSE	ND	2.19	"		ND					30	
N-EtFOSA	ND	0.219	"		ND					30	
Surrogate: M3PFBS	*3.42*		"	*2.56*		*134*	*25-150*				
Surrogate: M5PFHxA	*3.62*		"	*2.74*		*132*	*25-150*				
Surrogate: M4PFHpA	*2.50*		"	*2.74*		*91.1*	*25-150*				
Surrogate: M3PFHxS	*3.22*		"	*2.60*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.46*		"	*2.74*		*126*	*25-150*				
Surrogate: M6PFDA	*1.46*		"	*1.37*		*107*	*25-150*				
Surrogate: M7PFUdA	*1.13*		"	*1.37*		*82.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.931*		"	*1.37*		*67.9*	*25-150*				
Surrogate: M2PFTeDA	*1.02*		"	*1.37*		*74.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.371*		"	*11.0*		*3.39*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.76*		"	*2.63*		*143*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.28*		"	*5.48*		*78.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.24*		"	*2.74*		*118*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.48*		"	*5.48*		*81.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.44*		"	*5.48*		*81.0*	*25-150*				
Surrogate: M2-6:2 FTS	*5.53*		"	*5.22*		*106*	*25-200*				
Surrogate: M2-8:2 FTS	*4.25*		"	*5.27*		*80.7*	*25-200*				
Surrogate: M9PFNA	*1.52*		"	*1.37*		*111*	*25-150*				
Surrogate: M2-4:2 FTS	*6.51*		"	*5.14*		*126*	*25-150*				
Surrogate: d-N-MeFOSA	*1.97*		"	*2.74*		*71.9*	*25-150*				
Surrogate: d-N-EtFOSA	*2.04*		"	*2.74*		*74.4*	*25-150*				
Surrogate: M3HFPO-DA	*14.5*		"	*11.0*		*133*	*25-150*				
Surrogate: d9-N-EtFOSE	*22.1*		"	*27.4*		*80.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*26.9*		"	*27.4*		*97.9*	*25-150*				

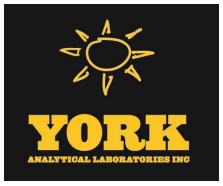


PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
Blank (BE50530-BLK1)											
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*32.9*		*"*	*23.3*		*141*	*25-150*				
Surrogate: M5PFHxA	*36.4*		*"*	*25.0*		*146*	*25-150*				
Surrogate: M4PFHpA	*28.9*		*"*	*25.0*		*116*	*25-150*				
Surrogate: M3PFHxS	*34.2*		*"*	*23.7*		*144*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*39.0*		*"*	*25.0*		*156*	*25-150*				
Surrogate: M6PFDA	*17.3*		*"*	*12.5*		*138*	*25-150*				
Surrogate: M7PFUdA	*16.6*		*"*	*12.5*		*133*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.5*		*"*	*12.5*		*100*	*25-150*				
Surrogate: M2PFTeDA	*9.96*		*"*	*12.5*		*79.7*	*10-150*				

Prepared: 05/07/2025 Analyzed: 05/08/2025



PFAS Target compounds by LC/MS-MS - Quality Control Data

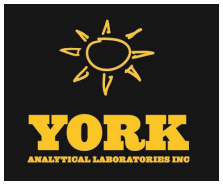
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
Blank (BE50530-BLK1)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.04*		*ng/L*	*100*		*5.04*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*40.7*		*"*	*24.0*		*170*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*40.2*		*"*	*50.0*		*80.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*38.3*		*"*	*25.0*		*153*	*10-150*				
Surrogate: d3-N-MeFOSAA	*53.3*		*"*	*50.0*		*107*	*25-150*				
Surrogate: d5-N-EtFOSAA	*55.1*		*"*	*50.0*		*110*	*25-150*				
Surrogate: M2-6:2 FTS	*59.2*		*"*	*47.6*		*125*	*25-200*				
Surrogate: M2-8:2 FTS	*43.5*		*"*	*48.0*		*90.7*	*25-200*				
Surrogate: M9PFNA	*18.4*		*"*	*12.5*		*147*	*25-150*				
Surrogate: M2-4:2 FTS	*62.8*		*"*	*46.9*		*134*	*25-150*				
Surrogate: d-N-MeFOSA	*27.9*		*"*	*25.0*		*111*	*25-150*				
Surrogate: d-N-EtFOSA	*26.9*		*"*	*25.0*		*108*	*25-150*				
Surrogate: M3HFPO-DA	*141*		*"*	*100*		*141*	*25-150*				
Surrogate: d9-N-EtFOSE	*212*		*"*	*250*		*84.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*297*		*"*	*250*		*119*	*25-150*				
LCS (BE50530-BS1)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Perfluorobutanesulfonic acid (PFBS)	30.7	1.77	ng/L	35.4		86.8	50-150				
Perfluorohexanoic acid (PFHxA)	35.0	2.00	"	40.0		87.6	50-150				
Perfluoroheptanoic acid (PFHpA)	45.4	2.00	"	40.0		113	50-150				
Perfluorohexanesulfonic acid (PFHxS)	31.7	1.83	"	36.6		86.5	50-150				
Perfluorooctanoic acid (PFOA)	33.0	2.00	"	40.0		82.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	29.6	1.86	"	37.2		79.6	50-150				
Perfluorononanoic acid (PFNA)	33.8	2.00	"	40.0		84.5	50-150				
Perfluorodecanoic acid (PFDA)	34.6	2.00	"	40.0		86.5	50-150				
Perfluoroundecanoic acid (PFUnA)	38.3	2.00	"	40.0		95.7	50-150				
Perfluorododecanoic acid (PFDoA)	33.8	2.00	"	40.0		84.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	43.7	2.00	"	40.0		109	50-150				
Perfluorotetradecanoic acid (PFTA)	34.4	2.00	"	40.0		86.1	50-150				
N-MeFOSAA	38.9	2.00	"	40.0		97.3	50-150				
N-EtFOSAA	37.9	2.00	"	40.0		94.6	50-150				
Perfluoropentanoic acid (PFPeA)	70.0	4.00	"	80.0		87.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	28.1	2.00	"	40.0		70.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	30.3	1.91	"	38.2		79.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	27.0	1.93	"	38.6		69.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	120	7.60	"	152		78.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	142	7.68	"	154		92.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	104	8.00	"	160		65.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	65.1	3.56	"	71.2		91.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	59.2	4.00	"	80.0		74.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.29	4.00	"	80.0		11.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	106	4.00	"	80.0		132	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	34.1	1.88	"	37.6		90.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	121	7.50	"	150		80.7	50-150				
HFPO-DA (Gen-X)	72.7	8.00	"	80.0		90.9	50-150				
11CL-PF3OUdS	48.7	7.56	"	75.6		64.5	50-150				
9CL-PF3ONS	55.7	7.48	"	74.8		74.5	50-150				
ADONA	68.9	7.56	"	75.6		91.1	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

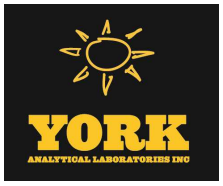
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
LCS (BE50530-BS1)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Perfluorododecanesulfonic acid (PFDoS)	15.0	1.94	ng/L	38.8		38.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	24.2	1.92	"	38.4		63.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	102	5.00	"	160		63.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	869	25.0	"	800		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	864	25.0	"	800		108	50-150				
N-MeFOSE	365	20.0	"	400		91.2	50-150				
N-MeFOSA	37.1	2.00	"	40.0		92.7	50-150				
N-EtFOSE	386	20.0	"	400		96.4	50-150				
N-EtFOSA	40.2	2.00	"	40.0		101	50-150				
Surrogate: M3PFBS	*29.8*		"	*23.3*		*128*	*25-150*				
Surrogate: M5PFHxA	*32.1*		"	*25.0*		*128*	*25-150*				
Surrogate: M4PFHpA	*25.5*		"	*25.0*		*102*	*25-150*				
Surrogate: M3PFHxS	*32.6*		"	*23.7*		*138*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*36.0*		"	*25.0*		*144*	*25-150*				
Surrogate: M6PFDA	*16.5*		"	*12.5*		*132*	*25-150*				
Surrogate: M7PFUdA	*12.6*		"	*12.5*		*101*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.7*		"	*12.5*		*93.4*	*25-150*				
Surrogate: M2PFTeDA	*8.18*		"	*12.5*		*65.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.91*		"	*100*		*2.91*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*40.5*		"	*24.0*		*169*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*30.7*		"	*50.0*		*61.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*36.4*		"	*25.0*		*146*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.2*		"	*50.0*		*96.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*49.3*		"	*50.0*		*98.6*	*25-150*				
Surrogate: M2-6:2 FTS	*55.7*		"	*47.6*		*117*	*25-200*				
Surrogate: M2-8:2 FTS	*45.8*		"	*48.0*		*95.4*	*25-200*				
Surrogate: M9PFNA	*16.3*		"	*12.5*		*130*	*25-150*				
Surrogate: M2-4:2 FTS	*55.8*		"	*46.9*		*119*	*25-150*				
Surrogate: d-N-MeFOSA	*26.5*		"	*25.0*		*106*	*25-150*				
Surrogate: d-N-EtFOSA	*19.6*		"	*25.0*		*78.4*	*25-150*				
Surrogate: M3HFPO-DA	*129*		"	*100*		*129*	*25-150*				
Surrogate: d9-N-EtFOSE	*186*		"	*250*		*74.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*242*		"	*250*		*96.7*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

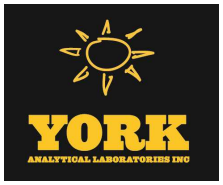
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
LCS (BE50530-BS2)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Perfluorobutanesulfonic acid (PFBS)	2.64	1.77	ng/L	3.54		74.6	50-150				
Perfluorohexanoic acid (PFHxA)	3.12	2.00	"	4.00		77.9	50-150				
Perfluoroheptanoic acid (PFHpA)	4.13	2.00	"	4.00		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	2.56	1.83	"	3.66		69.9	50-150				
Perfluorooctanoic acid (PFOA)	2.81	2.00	"	4.00		70.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	2.35	1.86	"	3.72		63.2	50-150				
Perfluorononanoic acid (PFNA)	3.33	2.00	"	4.00		83.3	50-150				
Perfluorodecanoic acid (PFDA)	2.86	2.00	"	4.00		71.4	50-150				
Perfluoroundecanoic acid (PFUnA)	3.58	2.00	"	4.00		89.4	50-150				
Perfluorododecanoic acid (PFDoA)	3.37	2.00	"	4.00		84.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	2.95	2.00	"	4.00		73.7	50-150				
Perfluorotetradecanoic acid (PFTA)	2.95	2.00	"	4.00		73.8	50-150				
N-MeFOSAA	3.03	2.00	"	4.00		75.9	50-150				
N-EtFOSAA	2.82	2.00	"	4.00		70.4	50-150				
Perfluoropentanoic acid (PFPeA)	6.20	4.00	"	8.00		77.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.33	2.00	"	4.00		58.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.89	1.91	"	3.82		75.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	1.81	1.93	"	3.86		47.0	50-150	Low Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	9.02	7.60	"	15.2		59.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	12.1	7.68	"	15.4		78.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	9.31	8.00	"	16.0		58.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.03	3.56	"	7.12		70.7	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.1	4.00	"	8.00		126	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.997	4.00	"	8.00		12.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.72	4.00	"	8.00		109	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.00	1.88	"	3.76		79.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	10.3	7.50	"	15.0		68.7	50-150				
HFPO-DA (Gen-X)	6.63	8.00	"	8.00		82.8	50-150				
11CL-PF3OUdS	3.93	7.56	"	7.56		52.0	50-150				
9CL-PF3ONS	3.66	7.48	"	7.48		49.0	50-150	Low Bias			
ADONA	5.25	7.56	"	7.56		69.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	1.20	1.94	"	3.88		30.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	2.42	1.92	"	3.84		62.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	10.4	5.00	"	16.0		65.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	73.6	25.0	"	80.0		92.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	73.4	25.0	"	80.0		91.7	50-150				
N-MeFOSE	29.2	20.0	"	40.0		72.9	50-150				
N-MeFOSA	3.58	2.00	"	4.00		89.5	50-150				
N-EtFOSE	32.9	20.0	"	40.0		82.3	50-150				
N-EtFOSA	2.93	2.00	"	4.00		73.1	50-150				
Surrogate: M3PFBS	*30.7*		"	*23.3*		*132*	*25-150*				
Surrogate: M5PFHxA	*33.8*		"	*25.0*		*135*	*25-150*				
Surrogate: M4PFHpA	*26.6*		"	*25.0*		*106*	*25-150*				
Surrogate: M3PFHxS	*32.1*		"	*23.7*		*135*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*37.2*		"	*25.0*		*149*	*25-150*				
Surrogate: M6PFDA	*17.1*		"	*12.5*		*136*	*25-150*				
Surrogate: M7PFUdA	*14.8*		"	*12.5*		*118*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.9*		"	*12.5*		*95.1*	*25-150*				
Surrogate: M2PFTeDA	*11.9*		"	*12.5*		*95.5*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
LCS (BE50530-BS2)											
Prepared: 05/07/2025 Analyzed: 05/08/2025											
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.80*		*ng/L*	*100*		*3.80*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*40.2*		*"*	*24.0*		*168*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*36.8*		*"*	*50.0*		*73.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*37.2*		*"*	*25.0*		*149*	*10-150*				
Surrogate: d3-N-MeFOSAA	*49.9*		*"*	*50.0*		*99.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*53.7*		*"*	*50.0*		*107*	*25-150*				
Surrogate: M2-6:2 FTS	*55.2*		*"*	*47.6*		*116*	*25-200*				
Surrogate: M2-8:2 FTS	*42.1*		*"*	*48.0*		*87.7*	*25-200*				
Surrogate: M9PFNA	*16.8*		*"*	*12.5*		*134*	*25-150*				
Surrogate: M2-4:2 FTS	*57.6*		*"*	*46.9*		*123*	*25-150*				
Surrogate: d-N-MeFOSA	*25.9*		*"*	*25.0*		*104*	*25-150*				
Surrogate: d-N-EtFOSA	*25.1*		*"*	*25.0*		*100*	*25-150*				
Surrogate: M3HFPO-DA	*133*		*"*	*100*		*133*	*25-150*				
Surrogate: d9-N-EtFOSE	*270*		*"*	*250*		*108*	*25-150*				
Surrogate: d7-N-MeFOSE	*310*		*"*	*250*		*124*	*25-150*				
Batch BE50657 - EPA 1633 Prep											
Blank (BE50657-BLK1)											
Prepared: 05/08/2025 Analyzed: 05/12/2025											
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	0.227	0.199	"								
Perfluorotetradecanoic acid (PFTA)	0.209	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.757	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.765	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.797	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.747	"								
HFPO-DA (Gen-X)	ND	0.797	"								
11CL-PF3OUdS	ND	0.753	"								



PFAS Target compounds by LC/MS-MS - Quality Control Data

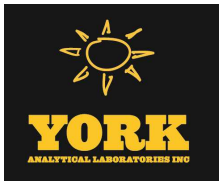
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50657 - EPA 1633 Prep											
Blank (BE50657-BLK1)								Prepared: 05/08/2025 Analyzed: 05/12/2025			
9CL-PF3ONS	ND	0.745	ug/kg wet								
ADONA	ND	0.753	"								
Perfluorododecanesulfonic acid (PFDoS)	0.196	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.98	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.98	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*3.01*		"	*2.32*		*130*	*25-150*				
Surrogate: M5PFHxA	*3.46*		"	*2.49*		*139*	*25-150*				
Surrogate: M4PFHpA	*2.41*		"	*2.49*		*96.8*	*25-150*				
Surrogate: M3PFHxS	*2.46*		"	*2.36*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		"	*2.49*		*122*	*25-150*				
Surrogate: M6PFDA	*1.04*		"	*1.25*		*83.4*	*25-150*				
Surrogate: M7PFUdA	*0.841*		"	*1.25*		*67.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.797*		"	*1.25*		*64.0*	*25-150*				
Surrogate: M2PFTeDA	*0.946*		"	*1.25*		*76.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.575*		"	*9.96*		*5.77*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.19*		"	*2.39*		*92.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.38*		"	*4.98*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.82*		"	*2.49*		*73.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.93*		"	*4.98*		*58.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.12*		"	*4.98*		*62.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.14*		"	*4.74*		*87.5*	*25-200*				
Surrogate: M2-8:2 FTS	*2.77*		"	*4.78*		*58.0*	*25-200*				
Surrogate: M9PFNA	*1.14*		"	*1.25*		*91.5*	*25-150*				
Surrogate: M2-4:2 FTS	*5.51*		"	*4.67*		*118*	*25-150*				
Surrogate: d-N-MeFOSA	*1.15*		"	*2.49*		*46.1*	*25-150*				
Surrogate: d-N-EtFOSA	*0.879*		"	*2.49*		*35.3*	*25-150*				
Surrogate: M3HFPO-DA	*13.6*		"	*9.96*		*137*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.1*		"	*24.9*		*44.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.8*		"	*24.9*		*51.4*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50657 - EPA 1633 Prep											
LCS (BE50657-BS1)								Prepared: 05/08/2025 Analyzed: 05/12/2025			
Perfluorobutanesulfonic acid (PFBS)	2.79	0.177	ug/kg wet	3.53		79.1	50-150				
Perfluorohexanoic acid (PFHxA)	3.24	0.200	"	3.99		81.2	50-150				
Perfluoroheptanoic acid (PFHpA)	3.55	0.200	"	3.99		89.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.00	0.183	"	3.65		82.2	50-150				
Perfluorooctanoic acid (PFOA)	2.73	0.200	"	3.99		68.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	2.73	0.186	"	3.71		73.6	50-150				
Perfluorononanoic acid (PFNA)	3.31	0.200	"	3.99		82.8	50-150				
Perfluorodecanoic acid (PFDA)	3.34	0.200	"	3.99		83.8	50-150				
Perfluoroundecanoic acid (PFUnA)	3.42	0.200	"	3.99		85.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.22	0.200	"	3.99		80.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.32	0.200	"	3.99		83.3	50-150				
Perfluorotetradecanoic acid (PFTA)	3.19	0.200	"	3.99		79.9	50-150				
N-MeFOSAA	3.41	0.200	"	3.99		85.3	50-150				
N-EtFOSAA	3.29	0.200	"	3.99		82.3	50-150				
Perfluoropentanoic acid (PFPeA)	6.46	0.399	"	7.98		80.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.59	0.200	"	3.99		64.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.94	0.200	"	3.81		77.2	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.70	0.193	"	3.85		70.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	11.6	0.758	"	15.2		76.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.1	0.766	"	15.3		91.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	10.7	0.798	"	16.0		67.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.83	0.355	"	7.11		82.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.00	0.399	"	7.98		75.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.493	0.399	"	7.98		6.18	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.34	0.399	"	7.98		105	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.17	0.188	"	3.75		84.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.6	0.749	"	15.0		77.8	50-150				
HFPO-DA (Gen-X)	7.55	0.798	"	7.98		94.6	50-150				
11CL-PF3OUdS	3.99	0.754	"	7.54		52.9	50-150				
9CL-PF3ONS	4.11	0.747	"	7.47		55.1	50-150				
ADONA	6.07	0.754	"	7.54		80.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.27	0.194	"	3.87		58.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.35	0.192	"	3.83		61.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.10	0.998	"	16.0		57.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	59.3	4.99	"	79.8		74.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	57.6	4.99	"	79.8		72.2	50-150				
N-MeFOSE	29.4	2.00	"	39.9		73.5	50-150				
N-MeFOSA	3.77	0.200	"	3.99		94.4	50-150				
N-EtFOSE	33.8	2.00	"	39.9		84.7	50-150				
N-EtFOSA	4.21	0.200	"	3.99		105	50-150				
Surrogate: M3PFBS	*3.05*		*"*	*2.33*		*131*	*25-150*				
Surrogate: M5PFHxA	*3.45*		*"*	*2.50*		*138*	*25-150*				
Surrogate: M4PFHpA	*2.79*		*"*	*2.50*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.87*		*"*	*2.37*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.45*		*"*	*2.50*		*138*	*25-150*				
Surrogate: M6PFDA	*1.42*		*"*	*1.25*		*114*	*25-150*				
Surrogate: M7PFUdA	*1.39*		*"*	*1.25*		*111*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.25*		*"*	*1.25*		*100*	*25-150*				
Surrogate: M2PFTeDA	*1.23*		*"*	*1.25*		*98.3*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50657 - EPA 1633 Prep											
LCS (BE50657-BS1)								Prepared: 05/08/2025 Analyzed: 05/12/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.484*		*ug/kg wet*	*9.98*		*4.85*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.21*		*"*	*2.39*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.69*		*"*	*4.99*		*94.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.53*		*"*	*2.50*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.19*		*"*	*4.99*		*84.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.36*		*"*	*4.99*		*87.4*	*25-150*				
Surrogate: M2-6:2 FTS	*5.05*		*"*	*4.75*		*106*	*25-200*				
Surrogate: M2-8:2 FTS	*3.98*		*"*	*4.79*		*83.1*	*25-200*				
Surrogate: M9PFNA	*1.43*		*"*	*1.25*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*5.68*		*"*	*4.68*		*121*	*25-150*				
Surrogate: d-N-MeFOSA	*1.57*		*"*	*2.50*		*63.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.10*		*"*	*2.50*		*43.9*	*25-150*				
Surrogate: M3HFPO-DA	*13.8*		*"*	*9.98*		*138*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.2*		*"*	*25.0*		*60.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.5*		*"*	*25.0*		*70.3*	*25-150*				
LCS (BE50657-BS2)								Prepared: 05/08/2025 Analyzed: 05/12/2025			
Perfluorobutanesulfonic acid (PFBS)	0.273	0.176	ug/kg wet	0.352		77.6	50-150				
Perfluorohexanoic acid (PFHxA)	0.297	0.199	"	0.398		74.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.419	0.199	"	0.398		105	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.295	0.182	"	0.364		81.2	50-150				
Perfluorooctanoic acid (PFOA)	0.279	0.199	"	0.398		70.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.205	0.185	"	0.370		55.3	50-150				
Perfluorononanoic acid (PFNA)	0.272	0.199	"	0.398		68.3	50-150				
Perfluorodecanoic acid (PFDA)	0.259	0.199	"	0.398		65.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.337	0.199	"	0.398		84.7	50-150				
Perfluorododecanoic acid (PFDoA)	0.349	0.199	"	0.398		87.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.302	0.199	"	0.398		76.1	50-150				
Perfluorotetradecanoic acid (PFTA)	0.324	0.199	"	0.398		81.5	50-150				
N-MeFOSAA	0.362	0.199	"	0.398		91.0	50-150				
N-EtFOSAA	0.246	0.199	"	0.398		62.0	50-150				
Perfluoropentanoic acid (PFPeA)	0.624	0.398	"	0.795		78.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.211	0.199	"	0.398		53.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.292	0.199	"	0.380		77.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.228	0.192	"	0.384		59.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	0.964	0.755	"	1.51		63.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.21	0.763	"	1.53		79.3	50-150				
Perfluoro-n-butanoic acid (PFBA)	0.934	0.795	"	1.59		58.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.466	0.354	"	0.708		65.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.722	0.398	"	0.795		90.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.0430	0.398	"	0.795		5.41	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.860	0.398	"	0.795		108	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.362	0.187	"	0.374		96.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.05	0.746	"	1.49		70.3	50-150				
HFPO-DA (Gen-X)	0.511	0.795	"	0.795		64.3	50-150				
11CL-PF3OUdS	0.198	0.751	"	0.751		26.3	50-150	Low Bias			
9CL-PF3ONS	0.137	0.744	"	0.744		18.4	50-150	Low Bias			
ADONA	0.480	0.751	"	0.751		63.9	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50657 - EPA 1633 Prep											
LCS (BE50657-BS2)								Prepared: 05/08/2025 Analyzed: 05/12/2025			
Perfluorododecanesulfonic acid (PFDoS)	0.0852	0.193	ug/kg wet	0.386		22.1	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.156	0.191	"	0.382		40.8	50-150	Low Bias			
3-Perfluoropropyl propanoic acid (FPrPA)	0.818	0.994	"	1.59		51.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	5.24	4.97	"	7.95		65.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	5.36	4.97	"	7.95		67.4	50-150				
N-MeFOSE	2.61	1.99	"	3.98		65.6	50-150				
N-MeFOSA	0.360	0.199	"	0.398		90.6	50-150				
N-EtFOSE	2.95	1.99	"	3.98		74.2	50-150				
N-EtFOSA	0.258	0.199	"	0.398		64.9	50-150				
Surrogate: M3PFBS	*2.93*		"	*2.32*		*127*	*25-150*				
Surrogate: M5PFHxA	*3.40*		"	*2.49*		*137*	*25-150*				
Surrogate: M4PFHpA	*2.48*		"	*2.49*		*99.8*	*25-150*				
Surrogate: M3PFHxS	*2.59*		"	*2.36*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.02*		"	*2.49*		*121*	*25-150*				
Surrogate: M6PFDA	*1.02*		"	*1.24*		*82.2*	*25-150*				
Surrogate: M7PFUdA	*0.884*		"	*1.24*		*71.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.795*		"	*1.24*		*64.0*	*25-150*				
Surrogate: M2PFTeDA	*0.832*		"	*1.24*		*66.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.359*		"	*9.94*		*3.61*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.61*		"	*2.38*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.37*		"	*4.97*		*67.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.05*		"	*2.49*		*82.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.01*		"	*4.97*		*80.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.97*		"	*4.97*		*79.8*	*25-150*				
Surrogate: M2-6:2 FTS	*5.51*		"	*4.73*		*117*	*25-200*				
Surrogate: M2-8:2 FTS	*5.99*		"	*4.77*		*125*	*25-200*				
Surrogate: M9PFNA	*1.22*		"	*1.24*		*98.3*	*25-150*				
Surrogate: M2-4:2 FTS	*5.65*		"	*4.66*		*121*	*25-150*				
Surrogate: d-N-MeFOSA	*1.12*		"	*2.49*		*44.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.918*		"	*2.49*		*36.9*	*25-150*				
Surrogate: M3HFPO-DA	*13.4*		"	*9.94*		*135*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.5*		"	*24.9*		*42.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*11.1*		"	*24.9*		*44.6*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50692 - EPA SW846-3510C Low Level											
Blank (BE50692-BLK1)								Prepared & Analyzed: 05/09/2025			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0555*		*"*	*0.200*		*27.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.129*		*"*	*0.200*		*64.7*	*30-150*				
LCS (BE50692-BS1)								Prepared & Analyzed: 05/09/2025			
4,4'-DDD	0.0593	0.00400	ug/L	0.100		59.3	40-140			20	
4,4'-DDE	0.0646	0.00400	"	0.100		64.6	40-140			20	
4,4'-DDT	0.0717	0.00400	"	0.100		71.7	40-140			20	
Aldrin	0.0566	0.00400	"	0.100		56.6	40-140			20	
alpha-BHC	0.0628	0.00400	"	0.100		62.8	40-140			20	
alpha-Chlordane	0.0601	0.00400	"	0.100		60.1	40-140			20	
beta-BHC	0.0771	0.00400	"	0.100		77.1	40-140			20	
delta-BHC	0.0633	0.00400	"	0.100		63.3	40-140			20	
Dieldrin	0.0650	0.00200	"	0.100		65.0	40-140			20	
Endosulfan I	0.0657	0.00400	"	0.100		65.7	40-140			20	
Endosulfan II	0.0718	0.00400	"	0.100		71.8	40-140			20	
Endosulfan sulfate	0.0687	0.00400	"	0.100		68.7	40-140			20	
Endrin	0.0677	0.00400	"	0.100		67.7	40-140			20	
Endrin aldehyde	0.0884	0.0100	"	0.100		88.4	40-140			20	
Endrin ketone	0.0731	0.0100	"	0.100		73.1	40-140			20	
gamma-BHC (Lindane)	0.0669	0.00400	"	0.100		66.9	40-140			20	
gamma-Chlordane	0.0594	0.0100	"	0.100		59.4	40-140			20	
Heptachlor	0.0634	0.00400	"	0.100		63.4	40-140			20	
Heptachlor epoxide	0.0665	0.00400	"	0.100		66.5	40-140			20	
Methoxychlor	0.0716	0.00400	"	0.100		71.6	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0646*		*"*	*0.200*		*32.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.119*		*"*	*0.200*		*59.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50846 - EPA 3550C											
Blank (BE50846-BLK1)									Prepared & Analyzed: 05/12/2025		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0452*		*"*	*0.0664*		*68.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0572*		*"*	*0.0664*		*86.1*	*30-150*				
LCS (BE50846-BS1)									Prepared & Analyzed: 05/12/2025		
4,4'-DDD	0.0255	0.00164	mg/kg wet	0.0332		76.8	40-140				
4,4'-DDE	0.0253	0.00164	"	0.0332		76.2	40-140				
4,4'-DDT	0.0275	0.00164	"	0.0332		82.8	40-140				
Aldrin	0.0283	0.00164	"	0.0332		85.2	40-140				
alpha-BHC	0.0311	0.00164	"	0.0332		93.5	40-140				
alpha-Chlordane	0.0263	0.00164	"	0.0332		79.0	40-140				
beta-BHC	0.0351	0.00164	"	0.0332		106	40-140				
delta-BHC	0.0328	0.00164	"	0.0332		98.6	40-140				
Dieldrin	0.0265	0.00164	"	0.0332		79.6	40-140				
Endosulfan I	0.0286	0.00164	"	0.0332		86.2	40-140				
Endosulfan II	0.0288	0.00164	"	0.0332		86.7	40-140				
Endosulfan sulfate	0.0288	0.00164	"	0.0332		86.7	40-140				
Endrin	0.0270	0.00164	"	0.0332		81.3	40-140				
Endrin aldehyde	0.0309	0.00164	"	0.0332		93.0	40-140				
Endrin ketone	0.0285	0.00164	"	0.0332		85.9	40-140				
gamma-BHC (Lindane)	0.0305	0.00164	"	0.0332		91.7	40-140				
gamma-Chlordane	0.0267	0.00164	"	0.0332		80.5	40-140				
Heptachlor	0.0296	0.00164	"	0.0332		89.1	40-140				
Heptachlor epoxide	0.0282	0.00164	"	0.0332		85.0	40-140				
Methoxychlor	0.0291	0.00164	"	0.0332		87.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0488*		*"*	*0.0664*		*73.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0598*		*"*	*0.0664*		*89.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50871 - EPA 3550C											
Blank (BE50871-BLK1)											Prepared: 05/12/2025 Analyzed: 05/13/2025
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0281*		*"*	*0.0664*		*42.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0776*		*"*	*0.0664*		*117*	*30-150*				
LCS (BE50871-BS1)											Prepared: 05/12/2025 Analyzed: 05/13/2025
4,4'-DDD	0.0351	0.00164	mg/kg wet	0.0332		106	40-140				
4,4'-DDE	0.0336	0.00164	"	0.0332		101	40-140				
4,4'-DDT	0.0277	0.00164	"	0.0332		83.4	40-140				
Aldrin	0.0352	0.00164	"	0.0332		106	40-140				
alpha-BHC	0.0355	0.00164	"	0.0332		107	40-140				
alpha-Chlordane	0.0345	0.00164	"	0.0332		104	40-140				
beta-BHC	0.0416	0.00164	"	0.0332		125	40-140				
delta-BHC	0.0404	0.00164	"	0.0332		122	40-140				
Dieldrin	0.0344	0.00164	"	0.0332		103	40-140				
Endosulfan I	0.0367	0.00164	"	0.0332		111	40-140				
Endosulfan II	0.0369	0.00164	"	0.0332		111	40-140				
Endosulfan sulfate	0.0360	0.00164	"	0.0332		108	40-140				
Endrin	0.0330	0.00164	"	0.0332		99.3	40-140				
Endrin aldehyde	0.0390	0.00164	"	0.0332		117	40-140				
Endrin ketone	0.0348	0.00164	"	0.0332		105	40-140				
gamma-BHC (Lindane)	0.0352	0.00164	"	0.0332		106	40-140				
gamma-Chlordane	0.0347	0.00164	"	0.0332		104	40-140				
Heptachlor	0.0328	0.00164	"	0.0332		98.7	40-140				
Heptachlor epoxide	0.0355	0.00164	"	0.0332		107	40-140				
Methoxychlor	0.0278	0.00164	"	0.0332		83.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0416*		*"*	*0.0664*		*62.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0789*		*"*	*0.0664*		*119*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50688 - EPA SW846-3510C Low Level											
Blank (BE50688-BLK2)									Prepared: 05/09/2025 Analyzed: 05/10/2025		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.108*		"	*0.200*		*54.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0640*		"	*0.200*		*32.0*	*30-150*				
LCS (BE50688-BS2)									Prepared & Analyzed: 05/09/2025		
Aroclor 1016	0.566	0.0500	ug/L	1.00		56.6	40-120			20	
Aroclor 1260	0.646	0.0500	"	1.00		64.6	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0750*		"	*0.200*		*37.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0620*		"	*0.200*		*31.0*	*30-150*				
Batch BE50844 - EPA 3550C											
Blank (BE50844-BLK1)									Prepared & Analyzed: 05/12/2025		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0478*		"	*0.0664*		*72.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0475*		"	*0.0664*		*71.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50844 - EPA 3550C											
LCS (BE50844-BS2)											Prepared & Analyzed: 05/12/2025
Aroclor 1016	0.275	0.0166	mg/kg wet	0.332		82.9	40-130				
Aroclor 1260	0.296	0.0166	"	0.332		89.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0488*		*"*	*0.0664*		*73.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0551*		*"*	*0.0664*		*83.0*	*30-120*				
Batch BE50870 - EPA 3550C											
Blank (BE50870-BLK1)											Prepared: 05/12/2025 Analyzed: 05/13/2025
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0638*		*"*	*0.0664*		*96.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0551*		*"*	*0.0664*		*83.0*	*30-120*				
LCS (BE50870-BS2)											Prepared: 05/12/2025 Analyzed: 05/13/2025
Aroclor 1016	0.340	0.0166	mg/kg wet	0.332		102	40-130				
Aroclor 1260	0.342	0.0166	"	0.332		103	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0615*		*"*	*0.0664*		*92.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0578*		*"*	*0.0664*		*87.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50465 - EPA 3015A											
Blank (BE50465-BLK1)											Prepared: 05/07/2025 Analyzed: 05/08/2025
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BE50465-BS1)											Prepared: 05/07/2025 Analyzed: 05/08/2025
Aluminum	2.05		ug/mL	2.00		103	80-120				
Barium	2.07		"	2.00		104	80-120				
Calcium	1.31		"	1.00		131	80-120	High Bias			
Chromium	0.207		"	0.200		104	80-120				
Cobalt	0.511		"	0.500		102	80-120				
Copper	0.265		"	0.250		106	80-120				
Iron	0.974		"	1.00		97.4	80-120				
Lead	0.484		"	0.500		96.7	80-120				
Magnesium	1.06		"	1.00		106	80-120				
Manganese	0.520		"	0.500		104	80-120				
Nickel	0.518		"	0.500		104	80-120				
Potassium	1.09		"	1.00		109	80-120				
Silver	0.0497		"	0.0500		99.4	80-120				
Sodium	1.09		"	1.00		109	80-120				
Vanadium	0.501		"	0.500		100	80-120				
Zinc	0.510		"	0.500		102	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50533 - EPA 3050B											
Blank (BE50533-BLK1)											Prepared: 05/07/2025 Analyzed: 05/08/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BE50533-DUP1)	*Source sample: 25E0212-04 (25SB-13 (0-2))										Prepared: 05/07/2025 Analyzed: 05/08/2025
Aluminum	5380	4.25	mg/kg dry		5320				1.06	35	
Antimony	ND	2.12	"		ND					35	
Arsenic	1.95	1.27	"		1.73				11.5	35	
Barium	31.2	2.12	"		30.9				1.20	35	
Beryllium	ND	0.043	"		0.052					35	
Cadmium	ND	0.255	"		ND					35	
Calcium	1190	4.25	"		1160				2.31	35	
Chromium	11.9	0.425	"		12.6				5.13	35	
Cobalt	4.82	0.339	"		4.47				7.50	35	
Copper	17.1	1.70	"		17.0				0.398	35	
Iron	9370	21.2	"		9320				0.556	35	
Lead	14.9	0.425	"		11.9				22.9	35	
Magnesium	2180	4.25	"		2170				0.563	35	
Manganese	200	0.425	"		203				1.32	35	
Nickel	9.22	0.846	"		8.90				3.56	35	
Potassium	744	4.25	"		767				3.10	35	
Selenium	ND	2.12	"		ND					35	
Silver	ND	0.428	"		ND					35	
Sodium	90.6	42.5	"		84.1				7.55	35	
Thallium	ND	1.70	"		ND					35	
Vanadium	14.9	0.846	"		15.0				0.569	35	
Zinc	39.4	2.11	"		39.2				0.606	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50533 - EPA 3050B											
Matrix Spike (BE50533-MS1)	*Source sample: 25E0212-04 (25SB-13 (0-2))								Prepared: 05/07/2025 Analyzed: 05/08/2025		
Aluminum	5110	4.25	mg/kg dry	170	5320	NR	75-125	Low Bias			
Antimony	5.38	2.12	"	21.2	ND	25.3	75-125	Low Bias			
Arsenic	140	1.27	"	170	1.73	81.3	75-125				
Barium	182	2.12	"	170	30.9	88.7	75-125				
Beryllium	3.71	0.043	"	4.25	0.052	86.1	75-125				
Cadmium	3.51	0.255	"	4.25	ND	82.6	75-125				
Calcium	1340	4.25	"	84.9	1160	213	75-125	High Bias			
Chromium	27.0	0.425	"	17.0	12.6	84.9	75-125				
Cobalt	41.2	0.339	"	42.5	4.47	86.6	75-125				
Copper	35.2	1.70	"	21.2	17.0	85.5	75-125				
Iron	8690	21.2	"	84.9	9320	NR	75-125	Low Bias			
Lead	44.4	0.425	"	42.5	11.9	76.7	75-125				
Magnesium	2290	4.25	"	84.9	2170	135	75-125	High Bias			
Manganese	225	0.425	"	42.5	203	53.3	75-125	Low Bias			
Nickel	45.2	0.846	"	42.5	8.90	85.5	75-125				
Potassium	784	4.25	"	84.9	767	19.8	75-125	Low Bias			
Selenium	136	2.12	"	170	ND	80.0	75-125				
Silver	3.64	0.428	"	4.25	ND	85.8	75-125				
Sodium	181	42.5	"	84.9	84.1	114	75-125				
Thallium	144	1.70	"	170	ND	84.7	75-125				
Vanadium	51.2	0.846	"	42.5	15.0	85.4	75-125				
Zinc	76.5	2.11	"	42.5	39.2	87.8	75-125				
Post Spike (BE50533-PS1)	*Source sample: 25E0212-04 (25SB-13 (0-2))								Prepared: 05/07/2025 Analyzed: 05/08/2025		
Aluminum	64.0		ug/mL	2.00	62.6	69.0	75-125	Low Bias			
Antimony	0.219		"	0.250	-0.001	87.8	75-125				
Arsenic	1.69		"	2.00	0.020	83.5	75-125				
Barium	2.14		"	2.00	0.363	88.6	75-125				
Beryllium	0.044		"	0.0500	0.0006	85.9	75-125				
Cadmium	0.042		"	0.0500	0.001	82.2	75-125				
Calcium	14.4		"	1.00	13.6	79.4	75-125				
Chromium	0.318		"	0.200	0.148	85.2	75-125				
Cobalt	0.482		"	0.500	0.053	85.9	75-125				
Copper	0.424		"	0.250	0.200	89.4	75-125				
Iron	110		"	1.00	110	30.6	75-125	Low Bias			
Lead	0.559		"	0.500	0.140	83.8	75-125				
Magnesium	26.3		"	1.00	25.6	73.4	75-125	Low Bias			
Manganese	2.80		"	0.500	2.39	81.7	75-125				
Nickel	0.531		"	0.500	0.105	85.2	75-125				
Potassium	9.76		"	1.00	9.03	73.3	75-125	Low Bias			
Selenium	1.64		"	2.00	0.004	81.8	75-125				
Silver	0.042		"	0.0500	0.0001	84.4	75-125				
Sodium	1.85		"	1.00	0.990	86.4	75-125				
Thallium	1.72		"	2.00	-0.0001	86.1	75-125				
Vanadium	0.605		"	0.500	0.176	85.6	75-125				
Zinc	0.872		"	0.500	0.461	82.2	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50533 - EPA 3050B											
Reference (BE50533-SRM1)											Prepared: 05/07/2025 Analyzed: 05/08/2025
Aluminum	6940	4.17	mg/kg wet	7680		90.4	47.4-130.2				
Antimony	54.2	2.08	"	250		21.7	2.4-102.4				
Arsenic	167	1.25	"	229		72.7	68.1-99.6				
Barium	211	2.08	"	244		86.7	73.4-106.1				
Beryllium	127	0.042	"	165		77.1	72.7-104.2				
Cadmium	95.2	0.250	"	134		71.1	69.5-100.7				
Calcium	3500	4.17	"	4280		81.8	78.5-112.1				
Chromium	133	0.417	"	172		77.2	72.1-105.8				
Cobalt	202	0.333	"	253		79.7	75.9-107.1				
Copper	85.0	1.67	"	99.6		85.4	76.1-107.4				
Iron	6140	20.8	"	7360		83.4	57.9-132.7				
Lead	125	0.417	"	153		81.9	75.2-109.2				
Magnesium	1820	4.17	"	2060		88.2	70.4-114				
Manganese	360	0.417	"	442		81.5	73.3-107.9				
Nickel	125	0.830	"	165		76.1	70.9-103				
Potassium	1660	4.17	"	1950		85.4	65.1-115.4				
Selenium	79.4	2.08	"	107		74.2	69.4-107.5				
Silver	69.4	0.420	"	83.9		82.8	72.8-110.7				
Sodium	590	41.7	"	732		80.6	66.5-113.9				
Thallium	162	1.67	"	208		78.1	70.7-105.3				
Vanadium	138	0.830	"	179		77.1	69.8-108.4				
Zinc	250	2.08	"	327		76.5	68.2-107.3				
Batch BE50534 - EPA 3050B											
Blank (BE50534-BLK1)											Prepared: 05/07/2025 Analyzed: 05/08/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	15.4	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50534 - EPA 3050B											
Reference (BE50534-SRM1)											Prepared: 05/07/2025 Analyzed: 05/08/2025
Aluminum	6930	4.17	mg/kg wet	7680		90.3	47.4-130.2				
Antimony	54.1	2.08	"	250		21.6	2.4-102.4				
Arsenic	166	1.25	"	229		72.5	68.1-99.6				
Barium	212	2.08	"	244		86.8	73.4-106.1				
Beryllium	126	0.042	"	165		76.6	72.7-104.2				
Cadmium	95.5	0.250	"	134		71.3	69.5-100.7				
Calcium	3490	4.17	"	4280		81.6	78.5-112.1				
Chromium	133	0.417	"	172		77.5	72.1-105.8				
Cobalt	202	0.333	"	253		79.8	75.9-107.1				
Copper	84.7	1.67	"	99.6		85.1	76.1-107.4				
Iron	6110	20.8	"	7360		83.0	57.9-132.7				
Lead	126	0.417	"	153		82.6	75.2-109.2				
Magnesium	1810	4.17	"	2060		88.1	70.4-114				
Manganese	360	0.417	"	442		81.5	73.3-107.9				
Nickel	126	0.830	"	165		76.3	70.9-103				
Potassium	1670	4.17	"	1950		85.7	65.1-115.4				
Selenium	79.2	2.08	"	107		74.0	69.4-107.5				
Silver	69.7	0.420	"	83.9		83.1	72.8-110.7				
Sodium	585	41.7	"	732		79.9	66.5-113.9				
Thallium	163	1.67	"	208		78.2	70.7-105.3				
Vanadium	138	0.830	"	179		77.1	69.8-108.4				
Zinc	252	2.08	"	327		77.0	68.2-107.3				
Batch BE51691 - EPA 3015A/1311											
Blank (BE51691-BLK1)											Prepared & Analyzed: 05/22/2025
Lead	ND	0.00556	mg/L								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51691 - EPA 3015A/1311											
LCS (BE51691-BS1)								Prepared & Analyzed: 05/22/2025			
Lead	0.492		ug/mL	0.500		98.4	80-120				
Duplicate (BE51691-DUP1)	*Source sample: 25E0212-01 (25SB-12 (0-2))							Prepared & Analyzed: 05/22/2025			
Lead	ND	0.125	mg/L		ND					20	
Leach Fluid Blank (BE51691-LBK1)								Prepared & Analyzed: 05/22/2025			
Lead	ND	0.125	mg/L								
Matrix Spike (BE51691-MS1)	*Source sample: 25E0212-01 (25SB-12 (0-2))							Prepared & Analyzed: 05/22/2025			
Lead	12.5	0.125	mg/L	12.5	ND	100	75-125				
Post Spike (BE51691-PS1)	*Source sample: 25E0212-01 (25SB-12 (0-2))							Prepared & Analyzed: 05/22/2025			
Lead	0.500		ug/mL	0.500	-0.000700	100	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50460 - EPA 3015A											
Blank (BE50460-BLK1)											Prepared: 05/07/2025 Analyzed: 05/08/2025
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BE50460-BS1)											Prepared: 05/07/2025 Analyzed: 05/08/2025
Antimony	50.3		ug/L	50.0		101	80-120				
Arsenic	51.0		"	50.0		102	80-120				
Beryllium	52.9		"	50.0		106	80-120				
Cadmium	51.6		"	50.0		103	80-120				
Selenium	49.2		"	50.0		98.3	80-120				
Thallium	43.7		"	50.0		87.3	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50611 - EPA 7473 soil											
Blank (BE50611-BLK1)										Prepared: 05/08/2025 Analyzed: 05/09/2025	
Mercury	ND	0.0300	mg/kg wet								
Reference (BE50611-SRM1)										Prepared: 05/08/2025 Analyzed: 05/09/2025	
Mercury	18.666		mg/kg	24.0		77.8	55.8-109.6				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50335 - Analysis Preparation											
Blank (BE50335-BLK1)									Prepared & Analyzed: 05/05/2025		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BE50335-BS1)									Prepared & Analyzed: 05/05/2025		
Chromium, Hexavalent	0.454	0.0100	mg/L	0.500		90.7	85-115				
Batch BE50479 - EPA SW846-3060											
Blank (BE50479-BLK1)									Prepared & Analyzed: 05/07/2025		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BE50479-DUP1)	*Source sample: 25E0212-08 (25SB-9 (2-4))								Prepared & Analyzed: 05/07/2025		
Chromium, Hexavalent	0.829	0.538	mg/kg dry		0.728				13.0	35	
Matrix Spike (BE50479-MS1)	*Source sample: 25E0212-08 (25SB-9 (2-4))								Prepared & Analyzed: 05/07/2025		
Chromium, Hexavalent	17.5	0.538	mg/kg dry	21.5	0.728	78.2	75-125				
Matrix Spike Dup (BE50479-MSD1)	*Source sample: 25E0212-08 (25SB-9 (2-4))								Prepared & Analyzed: 05/07/2025		
Chromium, Hexavalent	19.3	0.538	mg/kg dry	21.5	0.728	86.4	75-125		9.62	200	
Reference (BE50479-SRM1)									Prepared & Analyzed: 05/07/2025		
Chromium, Hexavalent	234		mg/L	227		103	42.3-157.7				
Batch BE50600 - EPA SW846-3060											
Blank (BE50600-BLK1)									Prepared & Analyzed: 05/08/2025		
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50600 - EPA SW846-3060											
Reference (BE50600-SRM1)											Prepared & Analyzed: 05/08/2025
Chromium, Hexavalent	235		mg/L	227		103	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50488 - % Solids Prep											
Duplicate (BE50488-DUP1)	*Source sample: 25E0212-06 (25SB-13 (13-15))								Prepared & Analyzed: 05/07/2025		
% Solids	92.0	0.100	%		93.3				1.48	20	

Leachate Preparations - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51577 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BE51577-BLK1)											Prepared: 05/20/2025 Analyzed: 05/21/2025
TCLP Extraction	Completed	1.00	N/A								

E245.1 - Quality Control Data

Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 783346A - SW7470A											
BLK (CT20387-BLK)									Prepared: 05/08/2025 Analyzed: 05/09/2025		
Mercury	BRL	0.0002	mg/L			BRL	-				
LCS (CT20387-LCS)									Prepared: 05/08/2025 Analyzed: 05/09/2025		
Mercury	0.002740	0.0002	mg/L	0.0025		110	75-125			20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25E0212-01	25SB-12 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0212-02	25SB-12 (3-5)	40mL Vial with Stir Bar-Cool 4° C
25E0212-03	25SB-12 (11-13)	40mL Vial with Stir Bar-Cool 4° C
25E0212-04	25SB-13 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0212-05	25SB-13 (3-5)	40mL Vial with Stir Bar-Cool 4° C
25E0212-06	25SB-13 (13-15)	40mL Vial with Stir Bar-Cool 4° C
25E0212-07	25SB-9 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0212-08	25SB-9 (2-4)	40mL Vial with Stir Bar-Cool 4° C
25E0212-09	25SB-9 (12-14)	40mL Vial with Stir Bar-Cool 4° C
25E0212-10	25SB-6 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0212-11	25SB-6 (3-5)	40mL Vial with Stir Bar-Cool 4° C
25E0212-12	25SB-6 (11.5-13.5)	40mL Vial with Stir Bar-Cool 4° C
25E0212-13	FB-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E0212-14	TB-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E0212-15	25SB-5 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0212-16	25SB-5 (3-5)	40mL Vial with Stir Bar-Cool 4° C
25E0212-17	25SB-5 (11-13)	40mL Vial with Stir Bar-Cool 4° C
25E0212-18	25SB-DUP-2 (11-13)	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
EXT-COMP	Completed
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
S-08	The recovery of this surrogate was outside of QC limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to include TCLP Lead.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 25E0212

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	32-20 38th Avenue, Queens New York	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day	QA Report X
Phone.: (347) 871-0750	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorcons		RUSH-Three Day	CT RCP DQA/DUE Pkg
E-mail: ezgi@vektorconsultants.com		E-mail ultants.com	Samples from CT__NY_x_NJ__	RUSH-Four Day	NY ASP A Package
				Standard (5-7day)	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL-Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

YORK Regulatory Comp Excel compared to:
Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-12(0-2)	5/5/2025 0935	S	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals, PFAS (1633), 1,4 Dioxane, hex chrome, trivalent chrome	1, 4oz, 1 PFAS 1- 8 oz jar, 1- terracore
25SB-12(3-5)	5/5/2025 0939	S	Same as above	same as above
25SB-12(11-13)	5/5/2025 0940	S	Same as above	same as above
25SB-13(0-2)	5/5/2025 1000	S	Same as above	same as above
25SB-13(3-5)	5/5/2025 1002	S	Same as above	same as above
25SB-13(11.5-13.5)	5/5/2025 1004	S	Same as above	same as above
25SB-9(0-2)	5/5/2025 1100	S	Same as above	same as above
25SB-9(2-4)	5/5/2025 1102	S	Same as above	same as above
25SB-9(12-14)	5/5/2025 1104	S	Same as above	same as above
25SB-6(0-2)	5/5/2025 1200	S	Same as above	same as above
25SB-6(3-5)	5/5/2025 1202	S	Same as above	same as above
25SB-6(11.5-13.5)	5/5/2025 1204	S	Same as above	same as above
FB-2	5/5/25 0950	FB	"	5-40ml vials w/ HCl, 2-250ml plastic, 2-1L amber w/ HCl
TB-2	5/5/25	TB	"	2-VOAs w/ HCl

Preservation (check all applicable): °C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc Ascorbic Acid Other

Comments:

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	5/5/25 1405		5/5/25 2040	3.7 °C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 25E0212

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	32-20 38th Avenue, Queens New York	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
Phone.: (347) 871-0760	Company:	Company:	Purchase Order #	RUSH-Two Day
Contact: Ezgi Karayel	Address:	Address:		RUSH-Three Day
E-mail: ezgi@vektorconsultants.com	dklein@vektorconsultants.com	AP@vektorconsultants.com	Samples from CT__NY_x_NJ__	RUSH-Four Day
		E-mail		Standard (5-7day)

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use	
OTHER:	

Print Clearly and Legibly. All Information must be Complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Routine
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded Re-Use Parameters
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-5(0-2)	5/5/2025 1400	S	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals, PFAS (1633), 1,4 Dioxane, hex chrome, trivalent chrome	1-4oz jar, 1 PFAS 1- 8 oz jar, 1- terracore
25SB-5(3-5)	5/5/2025 1402	S	Same as above	same as above
25SB-5(11-13)	5/5/2025 1409	S	Same as above	same as above
25SB-DUP-2(11-13)	5/5/2025 0840	S	Same as above	same as above
25SB-	5/ /2025	S	Same as above	same as above
25SB-	5/ /2025	S	Same as above	same as above
25SB-	5/ /2025	S	Same as above	same as above
25SB-	5/ /2025	S	Same as above	same as above
25SB-	5/ /2025	S	Same as above	same as above
25SB-	5/ /2025	S	Same as above	same as above
25SB-	5/ /2025	S	Same as above	same as above
25SB-	5/ /2025	S	Same as above	same as above

Comments:

Preservation (check all applicable): ☐ 4°C ☐ Frozen ☐ HCl ☐ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ ZnAc ☐ Ascorbic Acid ☐ Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	5/5/25 1405		5/5/25 2040	3.7°C

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 05/21/2025
Client Project ID: 32-20 38th Avenue, Queens New York
York Project (SDG) No.: 25E0288

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/21/2025
Client Project ID: 32-20 38th Avenue, Queens New York
York Project (SDG) No.: 25E0288

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 06, 2025 and listed below. The project was identified as your project: **32-20 38th Avenue, Queens New York**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25E0288-01	25SB-15 (0-2)	Soil	05/06/2025	05/06/2025
25E0288-02	25SB-15 (4-6)	Soil	05/06/2025	05/06/2025
25E0288-03	25SB-15 (10-12)	Soil	05/06/2025	05/06/2025
25E0288-04	25SB-1 (0-2)	Soil	05/06/2025	05/06/2025
25E0288-05	25SB-1 (2-4)	Soil	05/06/2025	05/06/2025
25E0288-06	25SB-1 (11-13)	Soil	05/06/2025	05/06/2025
25E0288-07	25SB-14 (0-2)	Soil	05/06/2025	05/06/2025
25E0288-08	25SB-14 (4-6)	Soil	05/06/2025	05/06/2025
25E0288-09	25SB-14 (10-12)	Soil	05/06/2025	05/06/2025
25E0288-10	25SB-11 (0-1.5)	Soil	05/06/2025	05/06/2025
25E0288-11	TB-3	Water	05/06/2025	05/06/2025
25E0288-12	25SB-7 (0-2)	Soil	05/06/2025	05/06/2025
25E0288-13	25SB-7 (3-5)	Soil	05/06/2025	05/06/2025
25E0288-14	25SB-7 (6-8)	Soil	05/06/2025	05/06/2025
25E0288-15	25SB-3 (0-2)	Soil	05/06/2025	05/06/2025
25E0288-16	25SB-3 (4-6)	Soil	05/06/2025	05/06/2025
25E0288-17	25SB-3 (11-13)	Soil	05/06/2025	05/06/2025
25E0288-18	25SB-8 (0-2)	Soil	05/06/2025	05/06/2025
25E0288-19	25SB-8 (3-5)	Soil	05/06/2025	05/06/2025
25E0288-20	25SB-8 (12.5-14.5)	Soil	05/06/2025	05/06/2025
25E0288-21	25SB-DUP-3 (0-2)	Soil	05/06/2025	05/06/2025
25E0288-22	FB-3	Water	05/06/2025	05/06/2025

General Notes for York Project (SDG) No.: 25E0288

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 05/21/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 25SB-15 (0-2)

York Sample ID: 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

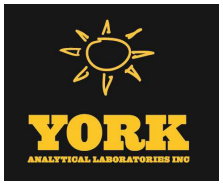
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		



Sample Information

Client Sample ID: **25SB-15 (0-2)** **York Sample ID:** **25E0288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.9 %*	*23-114*

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.2 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**18.9**		ug/kg	18.9	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 18:07	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.180	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0539	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.182	0.186	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.175	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.189	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.192	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.194	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.166	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.150	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.197	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.158	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.194	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.762	0.772	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.767	0.780	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.362	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:03	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.196	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:03	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0630	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:03	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0976	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:03	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.160	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.605	0.762	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.618	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.316	0.768	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.250	0.760	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.768	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.172	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:03	AM

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.644	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.13	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.52	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:03	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.621	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:03	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:03	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.708	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:03	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:03	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*96.9 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*82.9 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*89.3 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*82.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*76.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.58 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*118 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*22.6 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*74.0 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*74.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*81.9 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*92.2 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*74.0 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*93.2 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*94.7 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*40.5 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*34.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*95.5 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*38.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.9 %*		*25-150*

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0333	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7140**		mg/kg dry	4.23	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.12	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.76**		mg/kg dry	1.27	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**25.7**		mg/kg dry	2.11	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.061**		mg/kg dry	0.043	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.254	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1510**		mg/kg dry	4.23	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.0**		mg/kg dry	0.424	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.87**		mg/kg dry	0.338	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**13.3**		mg/kg dry	1.69	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9170**		mg/kg dry	21.2	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.51**		mg/kg dry	0.424	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3160**		mg/kg dry	4.24	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**219**		mg/kg dry	0.424	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.5**		mg/kg dry	0.843	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1150**	M-CCV 1	mg/kg dry	4.24	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.12	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.427	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**107**		mg/kg dry	42.3	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.70	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.5**		mg/kg dry	0.843	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**22.2**		mg/kg dry	2.11	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0305	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.508	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.0**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.4**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-15 (4-6)** **York Sample ID:** **25E0288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.172	0.345	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.345	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.172	0.345	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.8 %*	*23-114*

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.7 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 18:23	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.115	0.184	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0551	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.190	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.174	0.193	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.196	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.199	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.169	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.202	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.152	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.199	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.780	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.785	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.370	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.201	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0644	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0998	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.163	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.618	0.780	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.632	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.323	0.786	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.256	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.786	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.176	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.129	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:19	AM

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.659	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.18	5.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.56	5.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.635	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.724	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*99.2 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*111 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.5 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*116 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*77.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*1.31 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*123 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*8.64 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*102 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*91.5 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*93.0 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*76.6 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*120 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*97.1 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*51.8 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*50.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*99.8 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*43.5 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.0 %*		*25-150*

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0341	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6750**		mg/kg dry	4.33	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.17	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.42**		mg/kg dry	1.30	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**32.1**		mg/kg dry	2.16	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.095**		mg/kg dry	0.044	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.260	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3340**		mg/kg dry	4.33	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.7**		mg/kg dry	0.433	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.29**		mg/kg dry	0.346	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**14.6**		mg/kg dry	1.73	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**12000**		mg/kg dry	21.7	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.43**		mg/kg dry	0.433	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2700**		mg/kg dry	4.33	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**251**		mg/kg dry	0.433	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.5**		mg/kg dry	0.863	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1200**	M-CCV 1	mg/kg dry	4.33	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.17	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.437	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**170**		mg/kg dry	43.3	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.74	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.0**		mg/kg dry	0.863	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**23.8**		mg/kg dry	2.16	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0312	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.520	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.7**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.2**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-15 (10-12)** **York Sample ID:** **25E0288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.202	0.404	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.202	0.404	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.202	0.404	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*47.5 %*	*23-114*

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.9 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 18:38	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*98.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.135	0.215	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0645	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.128	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.218	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.209	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.230	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.232	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.241	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.198	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.152	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.125	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.180	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.236	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.133	0.487	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.178	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.189	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.232	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.913	0.925	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.919	0.935	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.133	0.974	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.169	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.235	0.487	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0755	0.487	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.117	0.487	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.191	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.724	0.913	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.740	0.974	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.379	0.920	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.299	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.212	0.920	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.206	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.151	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM

Sample Information

Client Sample ID: **25SB-15 (10-12)** **York Sample ID:** **25E0288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.772	1.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.55	6.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.83	6.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.744	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.219	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.848	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.241	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*119 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*95.6 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*127 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.0 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*68.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*6.80 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*141 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*76.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*131 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*82.1 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*84.4 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.1 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*73.6 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*113 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.7 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*89.5 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.6 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*118 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*67.4 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.0 %*		*25-150*

Sample Information

Client Sample ID: **25SB-15 (10-12)** **York Sample ID:** **25E0288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **25SB-15 (10-12)** **York Sample ID:** **25E0288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0399	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*83.0 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*74.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*82.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*88.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10100**		mg/kg dry	5.07	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.54	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.52	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**68.5**		mg/kg dry	2.53	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.051	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.304	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2020**		mg/kg dry	5.07	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.4**		mg/kg dry	0.508	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**8.35**		mg/kg dry	0.405	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**17.6**		mg/kg dry	2.03	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**16500**		mg/kg dry	25.4	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.55**		mg/kg dry	0.508	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5250**		mg/kg dry	5.08	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**389**		mg/kg dry	0.508	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.3**		mg/kg dry	1.01	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1920**	M-CCV 1	mg/kg dry	5.08	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.54	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.511	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**256**		mg/kg dry	50.7	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.03	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**29.3**		mg/kg dry	1.01	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**38.6**		mg/kg dry	2.53	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0365	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.609	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.4**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.2**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-1 (0-2)** **York Sample ID:** **25E0288-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0948**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0996**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.129**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0639**	J	mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0515**	J	mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0996**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.217**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0818**	J	mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.180**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.255**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.0 %*	*23-114*

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 18:53	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.115	0.183	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0548	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.185	0.189	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.178	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.173	0.192	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.775	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.780	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.368	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0641	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0992	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.615	0.775	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.628	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.321	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.254	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.180	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:51	AM

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.655	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.17	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.55	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.631	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.720	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*113 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.6 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*123 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*99.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*82.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*62.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.51 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*116 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*54.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*75.0 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*67.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.7 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*77.2 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*60.0 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*99.3 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*90.6 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*37.8 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*25.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*30.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*37.9 %*		*25-150*

Sample Information

Client Sample ID: **25SB-1 (0-2)** **York Sample ID:** **25E0288-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0340	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6510**		mg/kg dry	4.32	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.16	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.30**		mg/kg dry	1.30	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**33.7**		mg/kg dry	2.16	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.073**		mg/kg dry	0.044	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.259	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1100**		mg/kg dry	4.32	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.0**		mg/kg dry	0.433	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.82**		mg/kg dry	0.345	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**13.3**		mg/kg dry	1.73	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9910**		mg/kg dry	21.6	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.22**		mg/kg dry	0.433	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2680**		mg/kg dry	4.33	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**241**		mg/kg dry	0.433	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.4**		mg/kg dry	0.861	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1140**	M-CCV 1	mg/kg dry	4.33	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.16	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.436	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**101**		mg/kg dry	43.2	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.73	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.2**		mg/kg dry	0.861	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**22.7**		mg/kg dry	2.15	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0311	1	EPA 7473	05/10/2025 09:53	05/13/2025 21:26	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.519	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.5**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.4**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-1 (2-4)** **York Sample ID:** **25E0288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.169	0.338	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.338	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.169	0.338	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.0 %*	*23-114*

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*86.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 19:24	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*98.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.180	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0539	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.182	0.186	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.175	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.189	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.192	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.194	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.166	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.150	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.197	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.158	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.194	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.762	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.767	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.362	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.196	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0630	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0976	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.160	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.605	0.762	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.618	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.316	0.768	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.250	0.760	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.768	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.172	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.644	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.13	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.52	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.621	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.708	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*123 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*126 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*99.6 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*120 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*79.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*63.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*68.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.61 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*112 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*35.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*92.7 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*61.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*68.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*93.7 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*62.2 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*104 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.9 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*48.4 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*122 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*46.3 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*54.2 %*		*25-150*

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0334	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5090**		mg/kg dry	4.24	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.12	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.27	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**22.6**		mg/kg dry	2.12	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.108**		mg/kg dry	0.043	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.255	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**581**		mg/kg dry	4.24	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**8.88**		mg/kg dry	0.425	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.45**		mg/kg dry	0.339	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**7.36**		mg/kg dry	1.70	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**7030**		mg/kg dry	21.2	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**1.88**		mg/kg dry	0.425	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2060**		mg/kg dry	4.25	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**232**		mg/kg dry	0.425	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**7.20**		mg/kg dry	0.845	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**635**		mg/kg dry	4.25	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.12	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.428	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**70.3**		mg/kg dry	42.4	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.70	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**11.9**		mg/kg dry	0.845	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**14.2**		mg/kg dry	2.11	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0306	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.509	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**8.88**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.2**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

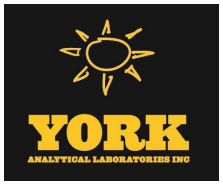
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		



Sample Information

Client Sample ID: **25SB-1 (11-13)** **York Sample ID:** **25E0288-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.168	0.336	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.168	0.336	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0430**	J	mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.168	0.336	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*23.7 %*	*23-114*

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*32.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*31.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*39.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*32.3 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 19:39	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.182	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0546	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.188	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.177	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.172	0.192	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.152	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.772	0.783	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.778	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.367	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:55	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:55	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0639	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:55	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0989	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:55	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.613	0.772	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.626	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.320	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.253	0.770	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.179	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.174	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:55	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:55	AM

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.653	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:55	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.16	5.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:55	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.54	5.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:55	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.629	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:55	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:55	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.718	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:55	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:55	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.5 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*82.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*77.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.07 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*107 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*10.3 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.1 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*68.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*71.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*87.0 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*64.1 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*106 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*90.2 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*67.1 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*65.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*49.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*58.3 %*		*25-150*

Sample Information

Client Sample ID: **25SB-1 (11-13)** **York Sample ID:** **25E0288-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0339	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10300**		mg/kg dry	4.31	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.15	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.70**		mg/kg dry	1.29	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**67.7**		mg/kg dry	2.15	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.043	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.259	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1440**		mg/kg dry	4.31	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.1**		mg/kg dry	0.431	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.57**		mg/kg dry	0.344	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**16.8**		mg/kg dry	1.72	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**16400**		mg/kg dry	21.5	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.86**		mg/kg dry	0.431	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**4330**		mg/kg dry	4.31	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**320**		mg/kg dry	0.431	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.858	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**2360**		mg/kg dry	4.31	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.15	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.434	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**507**		mg/kg dry	43.1	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.73	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.5**		mg/kg dry	0.858	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**38.2**		mg/kg dry	2.15	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0310	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.517	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.1**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.7**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.034**	ICVE, QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.014**		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.0888**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.171	0.342	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.239**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.171	0.342	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.359**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.270**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.350**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.157**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.134**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.391**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0526**	J	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.776**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0765**	J	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.172**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.979**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.869**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.171	0.342	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*13.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*10.4 %*	*23-114*

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*15.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*14.9 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*13.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*19.9 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 19:55	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*106 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.115	0.184	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0551	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.190	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.174	0.193	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.196	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.199	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.169	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.202	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.152	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.199	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.780	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.785	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.370	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.201	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0644	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0998	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.163	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.619	0.780	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.632	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.323	0.786	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.256	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.786	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.176	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.129	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.659	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.18	5.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.56	5.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.635	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.725	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*113 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.0 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*122 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*124 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*77.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*92.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.71 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*165 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*36.4 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*83.6 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*117 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*121 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*201 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*171 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*104 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*128 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*37.1 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*33.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*92.5 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*42.3 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*45.5 %*		*25-150*

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0341	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
37324-23-5	**Aroclor 1262**	**0.0198**		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	*** Total PCBs**	**0.0198**		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6410**		mg/kg dry	4.34	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.17	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.96**		mg/kg dry	1.30	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**42.9**		mg/kg dry	2.17	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.128**		mg/kg dry	0.044	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.278**		mg/kg dry	0.260	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3560**		mg/kg dry	4.34	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.434	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.17**		mg/kg dry	0.347	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**23.8**		mg/kg dry	1.74	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15600**		mg/kg dry	21.7	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**45.4**		mg/kg dry	0.434	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2370**		mg/kg dry	4.34	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**381**		mg/kg dry	0.434	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.9**		mg/kg dry	0.865	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**786**		mg/kg dry	4.34	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.17	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.437	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**137**		mg/kg dry	43.4	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.74	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.5**		mg/kg dry	0.865	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**54.6**		mg/kg dry	2.16	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0558**		mg/kg dry	0.0312	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.521	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.9**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.0**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.372	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.372	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*33.0 %*	*23-114*

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*52.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*45.0 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 20:10	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*102 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.126	0.200	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0600	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.203	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.195	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.214	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.117	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.453	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.849	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.854	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.905	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.403	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:27	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.218	0.453	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:27	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0701	0.453	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:27	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.109	0.453	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:27	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.178	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.673	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.688	0.905	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.352	0.855	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.197	0.855	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:27	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:27	AM

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.717	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:27	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.66	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:27	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.70	5.66	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:27	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.691	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:27	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.204	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:27	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.789	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:27	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:27	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*99.9 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*119 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*122 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*82.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*82.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.75 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*150 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*11.0 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*81.3 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*93.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*105 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*100 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*93.0 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*117 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.7 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*36.2 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*41.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*35.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*40.3 %*		*25-150*

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0372	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*99.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6930**		mg/kg dry	4.71	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.36	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.41	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**46.7**		mg/kg dry	2.35	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.283	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2900**		mg/kg dry	4.71	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.0**		mg/kg dry	0.472	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.44**		mg/kg dry	0.377	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**17.9**		mg/kg dry	1.89	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14000**		mg/kg dry	23.6	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2.73**		mg/kg dry	0.472	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3730**		mg/kg dry	4.72	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**331**		mg/kg dry	0.472	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.2**		mg/kg dry	0.939	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1230**		mg/kg dry	4.72	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.36	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.475	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**340**		mg/kg dry	47.1	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.89	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**23.8**		mg/kg dry	0.939	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**41.8**		mg/kg dry	2.35	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0339	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.566	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.0**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.4**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-14 (10-12)** **York Sample ID:** **25E0288-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.0039**	J, ICVE, QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.4 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*33.4 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.9 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*55.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*41.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 20:26	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0626	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.211	0.216	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.203	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.197	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CCV-L	ug/kg dry	0.223	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.193	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.229	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CC V-L	ug/kg dry	0.172	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.886	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.892	0.907	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.129	0.945	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.164	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.228	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0732	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.185	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.703	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.718	0.945	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.367	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.291	0.884	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.206	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.200	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CC V-L	ug/kg dry	0.146	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:16	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.749	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.77	5.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.722	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.823	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*85.7 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*104 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.2 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*85.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*70.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.23 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*4.96 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*69.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*70.2 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.5 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*64.9 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*92.4 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.7 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*63.8 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*47.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*45.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.9 %*		*25-150*

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0389	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*96.2 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*114 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*73.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8900**		mg/kg dry	4.93	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.47	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.48	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**60.5**		mg/kg dry	2.46	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.296	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2450**		mg/kg dry	4.93	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**22.0**		mg/kg dry	0.494	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**8.71**		mg/kg dry	0.394	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**23.4**		mg/kg dry	1.97	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15800**		mg/kg dry	24.7	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.39**		mg/kg dry	0.494	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**4310**		mg/kg dry	4.94	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**315**		mg/kg dry	0.494	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.9**		mg/kg dry	0.982	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1880**		mg/kg dry	4.94	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.47	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.497	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**270**		mg/kg dry	49.3	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.98	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**25.6**		mg/kg dry	0.982	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**33.6**		mg/kg dry	2.46	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0355	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.592	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**22.0**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.5**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-11 (0-1.5)** **York Sample ID:** **25E0288-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	IS-LO	mg/kg dry	0.048	0.095	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.037**	CCVE, IS-LO	mg/kg dry	0.0048	0.0095	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	IS-LO	mg/kg dry	0.0048	0.0095	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.019**	CCVE, IS-LO, QL-02, B	mg/kg dry	0.0048	0.0095	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND	IS-LO	mg/kg dry	0.0048	0.0095	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE, IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, IS-LO, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND	IS-LO	mg/kg dry	0.0072	0.014	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*174 %*	IS-LO, S-03, S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*86.7 %*	IS-LO	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*76.4 %*	IS-LO	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: S-Alk

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:** S-Alk

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:** S-Alk

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		mg/kg dry	0.188	0.375	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.375	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:** S-Alk

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.375	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:** S-Alk

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*17.6 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.1 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*27.5 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*25.4 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*1.68 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*31.7 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 20:41	SS
							Certifications: NELAC-NY10854			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*102 %*		*39-127.5*						

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.126	0.201	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0603	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.204	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.196	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.190	0.212	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CC V-L	ug/kg dry	0.215	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.217	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.186	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **25SB-11 (0-1.5)** **York Sample ID:** **25E0288-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.142	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.117	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.168	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.221	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.124	0.455	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ug/kg dry	0.166	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.176	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.217	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.854	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.859	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.124	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.158	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.220	0.455	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0706	0.455	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.109	0.455	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.179	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.677	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.692	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.354	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.280	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.198	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.192	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CC V-L	ug/kg dry	0.141	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.722	1.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.39	5.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.71	5.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.695	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.205	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.793	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*94.8 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*82.9 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*102 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*81.2 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*69.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.12 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*111 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*20.1 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*104 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*54.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*60.9 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*80.1 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*67.7 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*92.5 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*80.6 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*70.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*95.7 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*58.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.2 %*		*25-150*

Sample Information

Client Sample ID: **25SB-11 (0-1.5)** **York Sample ID:** **25E0288-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0374	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*103 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8240**		mg/kg dry	4.74	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.37	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.25**		mg/kg dry	1.42	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**59.8**		mg/kg dry	2.37	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.285	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**12500**		mg/kg dry	4.74	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.9**		mg/kg dry	0.475	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**8.82**		mg/kg dry	0.379	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**19.4**		mg/kg dry	1.90	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**18700**		mg/kg dry	23.7	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**6.25**		mg/kg dry	0.475	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5250**		mg/kg dry	4.75	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**353**		mg/kg dry	0.475	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.3**		mg/kg dry	0.945	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**2600**		mg/kg dry	4.75	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**305**		mg/kg dry	47.4	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.90	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**25.2**		mg/kg dry	0.945	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**37.0**		mg/kg dry	2.36	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0341	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.569	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.3**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.9**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB-3 **York Sample ID:** 25E0288-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 3:00 pm	05/06/2025

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB-3 **York Sample ID:** 25E0288-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 3:00 pm	05/06/2025

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	ICVE	ug/L	0.119	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	ICVE	ug/L	0.448	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	ug/L	0.372	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB-3 **York Sample ID:** 25E0288-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 3:00 pm	05/06/2025

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE, CCVE	ug/L	0.451	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-88-4	* Iodomethane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND	QL-02	ug/L	0.212	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		

Sample Information

Client Sample ID: TB-3 **York Sample ID:** 25E0288-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 3:00 pm	05/06/2025

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	ICVE	ug/L	0.337	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-01-4	Vinyl Chloride	ND	ICVE	ug/L	0.469	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*

Sample Information

Client Sample ID: TB-3 **York Sample ID:** 25E0288-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 3:00 pm	05/06/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*			*79-122*						

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.097	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.355	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.352**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.355	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.174**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.180**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.210**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.125**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0886**	J	mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.177**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.392**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.107**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.357**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.417**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.355	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*36.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.0 %*	*21-113*

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.5 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 20:57	SS
							Certifications: NELAC-NY10854			

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*104 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.189	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0567	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.196	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CC V-L	ug/kg dry	0.202	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CC V-L	ug/kg dry	0.156	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.803	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.808	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.381	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:48	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.207	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:48	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0664	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:48	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:48	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.637	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.651	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:48	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CC V-L	ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:48	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.679	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:48	AM

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:48	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:48	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.654	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:48	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:48	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.746	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:48	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:48	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*111 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.8 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*103 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*101 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*84.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*72.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.32 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*124 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*21.1 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*111 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*78.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.2 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*84.1 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*69.8 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*95.5 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*87.9 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*72.8 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*41.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.3 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.8 %*		*25-150*

Sample Information

Client Sample ID: **25SB-7 (0-2)** **York Sample ID:** **25E0288-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7640**		mg/kg dry	4.46	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.23	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.66**		mg/kg dry	1.34	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**77.3**		mg/kg dry	2.23	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.078**		mg/kg dry	0.045	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.268	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2760**		mg/kg dry	4.46	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.5**		mg/kg dry	0.446	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.29**		mg/kg dry	0.357	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**27.7**		mg/kg dry	1.78	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14300**		mg/kg dry	22.3	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**96.3**		mg/kg dry	0.446	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3730**		mg/kg dry	4.46	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**299**		mg/kg dry	0.446	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.0**		mg/kg dry	0.889	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1110**		mg/kg dry	4.46	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.23	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.450	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**263**		mg/kg dry	44.6	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.79	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.1**		mg/kg dry	0.889	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**106**		mg/kg dry	2.22	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.169**		mg/kg dry	0.0321	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.535	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.5**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.4**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-7 (3-5)** **York Sample ID:** **25E0288-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.064	0.13	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0095	0.019	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*36.8 %*	*23-114*

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*43.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.7 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 21:12	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*108 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.195	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0583	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.201	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.189	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CC V-L	ug/kg dry	0.208	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.210	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CC V-L	ug/kg dry	0.161	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.825	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.830	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.391	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.212	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0682	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.654	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.668	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.342	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.270	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.186	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CC V-L	ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.697	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.31	5.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.672	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.766	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*113 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*90.5 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*96.4 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*110 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.9 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*83.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*70.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*77.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.90 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*110 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*27.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*90.8 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*74.9 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*79.9 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*60.3 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*107 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*86.6 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.7 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*45.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*51.6 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*62.1 %*		*25-150*

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8380**		mg/kg dry	4.58	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.57**		mg/kg dry	1.37	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**37.4**		mg/kg dry	2.29	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1850**		mg/kg dry	4.58	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.4**		mg/kg dry	0.458	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.04**		mg/kg dry	0.366	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**17.6**		mg/kg dry	1.83	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13900**		mg/kg dry	22.9	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**4.55**		mg/kg dry	0.458	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3920**		mg/kg dry	4.58	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**309**		mg/kg dry	0.458	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.0**		mg/kg dry	0.913	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1620**		mg/kg dry	4.58	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.462	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**307**		mg/kg dry	45.8	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.84	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**25.8**		mg/kg dry	0.913	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**32.0**		mg/kg dry	2.28	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0330	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.692**		mg/kg dry	0.550	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.7**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.0**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.062	0.12	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.010**	J, B	mg/kg dry	0.0062	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, CAL-E	mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0093	0.019	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*120 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.0 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0529**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.4 %*	*23-114*

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.4 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 21:27	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.197	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0590	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.204	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CC V-L	ug/kg dry	0.210	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CC V-L	ug/kg dry	0.162	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.834	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.840	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.215	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0690	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.662	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.676	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.346	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.274	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CC V-L	ug/kg dry	0.138	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.705	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.680	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.775	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*87.2 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*115 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.0 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*80.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*90.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.25 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*128 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*23.1 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*77.1 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*82.5 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*92.0 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*69.7 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*93.2 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.3 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.2 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*46.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*70.3 %*		*25-150*

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*79.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*57.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9660**		mg/kg dry	4.63	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.82**		mg/kg dry	1.39	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**54.4**		mg/kg dry	2.31	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.278	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3370**		mg/kg dry	4.64	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.5**		mg/kg dry	0.464	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**8.69**		mg/kg dry	0.370	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**21.5**		mg/kg dry	1.85	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**16800**		mg/kg dry	23.2	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**4.35**		mg/kg dry	0.464	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5690**		mg/kg dry	4.64	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**344**		mg/kg dry	0.464	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.7**		mg/kg dry	0.923	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**2220**		mg/kg dry	4.64	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.467	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**273**		mg/kg dry	46.4	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.86	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**30.4**		mg/kg dry	0.923	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**43.3**		mg/kg dry	2.31	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0334	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.556	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**21.5**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.9**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**1.18**		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.173	0.347	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.903**		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.347	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**7.20**		mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**6.82**		mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**5.97**		mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**4.77**		mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**5.29**		mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.149**		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**7.45**		mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**1.23**		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**14.2**		mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0699**	J	mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**4.12**		mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.122**		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**3.20**		mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**13.2**		mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.173	0.347	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*36.8 %*	*23-114*

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*44.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.1 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.9 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 21:43	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.186	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0558	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.193	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CC V-L	ug/kg dry	0.199	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CC V-L	ug/kg dry	0.154	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.789	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.795	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.375	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.203	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0652	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.626	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.640	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.327	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.787	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.178	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CC V-L	ug/kg dry	0.130	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:37	AM

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.667	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.643	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.734	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*98.0 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*79.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*98.2 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*101 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*91.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*75.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*67.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*16.2 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*137 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*72.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*79.1 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*95.8 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*147 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*129 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*102 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*98.8 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*32.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*30.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*40.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*48.3 %*		*25-150*

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0348	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7470**		mg/kg dry	4.41	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.76**		mg/kg dry	1.32	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**123**		mg/kg dry	2.20	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.856**		mg/kg dry	0.265	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**4640**		mg/kg dry	4.41	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.3**		mg/kg dry	0.441	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.48**		mg/kg dry	0.353	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**46.6**		mg/kg dry	1.76	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14100**		mg/kg dry	22.1	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**165**		mg/kg dry	0.441	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3910**		mg/kg dry	4.41	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**300**		mg/kg dry	0.441	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.7**		mg/kg dry	0.879	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1540**	B	mg/kg dry	4.41	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.445	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**215**		mg/kg dry	44.1	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.77	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**22.9**		mg/kg dry	0.879	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**220**		mg/kg dry	2.20	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.146**		mg/kg dry	0.0318	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.529	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.3**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.5**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02, ICVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.355	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.119**		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.177	0.355	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.268**		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.239**		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.324**		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.201**	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.108**		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.292**		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0510**	J	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.603**		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.181**	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.569**		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.535**		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.355	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*14.4 %*	S-08	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.8 %*	S-08	*23-114*

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*10.6 %*	S-08		*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*15.8 %*	S-08		*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*17.9 %*	S-08		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*15.3 %*	S-08		*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	05/14/2025 09:42	05/15/2025 00:47	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.192	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0576	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.199	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CC V-L	ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CC V-L	ug/kg dry	0.159	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.815	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.820	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.387	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.210	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0674	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.646	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.660	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.338	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.267	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CC V-L	ug/kg dry	0.135	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.689	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.28	5.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.664	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.757	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*95.9 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*74.4 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*95.4 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.5 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*78.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*85.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.39 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*125 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*36.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*66.5 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.2 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*85.5 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*94.3 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*91.2 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*85.0 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*90.5 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*28.4 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*21.1 %*	PFSu-L	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*85.6 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*30.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*38.8 %*		*25-150*

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8070**		mg/kg dry	4.54	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.09**		mg/kg dry	1.36	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**51.7**		mg/kg dry	2.27	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.273	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2650**		mg/kg dry	4.54	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.7**		mg/kg dry	0.455	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.06**		mg/kg dry	0.363	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**18.7**		mg/kg dry	1.82	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**16500**		mg/kg dry	22.7	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**9.19**		mg/kg dry	0.455	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3460**		mg/kg dry	4.55	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**386**		mg/kg dry	0.455	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.6**		mg/kg dry	0.905	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1750**	B	mg/kg dry	4.55	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.458	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**136**		mg/kg dry	45.4	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.82	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**24.6**		mg/kg dry	0.905	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**36.9**		mg/kg dry	2.26	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0327	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.545	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.7**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.7**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-3 (11-13)** **York Sample ID:** **25E0288-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	IS-LO	mg/kg dry	0.051	0.10	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	IS-LO	mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	IS-LO	mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	IS-LO, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	IS-LO	mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND	IS-LO	mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	IS-LO, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	IS-LO, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE, IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE, IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND	IS-LO	mg/kg dry	0.0077	0.015	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*141 %*	IS-LO, S-03, S-08		*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	IS-LO		*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.4 %*	IS-LO		*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.373	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.373	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.373	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.1 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.0 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*24.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*22.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*30.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*24.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 15:47	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*122 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0599	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CCV-L	ug/kg dry	0.214	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.452	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CC V-L	ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.847	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.853	0.868	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.904	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:09	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.218	0.452	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:09	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0701	0.452	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:09	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.452	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:09	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.672	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.687	0.904	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.197	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:09	AM

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CC V-L	ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:09	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.716	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:09	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.65	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:09	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.65	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:09	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.690	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:09	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:09	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.788	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:09	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:09	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*84.5 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*84.2 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*70.3 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*97.0 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*93.3 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*92.9 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*73.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*60.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*58.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.37 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*104 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*8.24 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*89.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*65.1 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*64.4 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*88.9 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*72.0 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*93.1 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*79.0 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*56.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*35.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*85.2 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*39.5 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*49.5 %*		*25-150*

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0372	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*118 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13800**		mg/kg dry	4.73	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.36	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.12**		mg/kg dry	1.42	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**103**		mg/kg dry	2.36	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.075**		mg/kg dry	0.048	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.284	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**16100**		mg/kg dry	4.73	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**25.2**		mg/kg dry	0.473	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**10.9**		mg/kg dry	0.378	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**25.8**		mg/kg dry	1.89	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**25000**		mg/kg dry	23.6	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**6.92**		mg/kg dry	0.473	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**10200**		mg/kg dry	4.73	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**520**		mg/kg dry	0.473	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**24.5**		mg/kg dry	0.942	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**4010**	B	mg/kg dry	4.73	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.36	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.476	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**247**		mg/kg dry	47.3	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.89	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**32.7**		mg/kg dry	0.942	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**52.1**		mg/kg dry	2.35	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0340	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.567	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**25.2**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.1**		%	0.100	1	SM 2540G	05/08/2025 09:45	05/08/2025 13:14	JG
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-8 (0-2)** **York Sample ID:** **25E0288-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.0 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.171	0.342	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.171	0.342	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.161**		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0430**	J	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.171	0.342	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*37.6 %*	*23-114*

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*41.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	05/14/2025 09:42	05/15/2025 01:03	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*78.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.116	0.185	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0554	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.187	0.191	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.180	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.175	0.194	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CC V-L	ug/kg dry	0.197	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.170	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.203	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CC V-L	ug/kg dry	0.153	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.162	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.784	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.789	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.145	0.372	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.202	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0648	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.100	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.164	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.622	0.784	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.635	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.325	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.257	0.782	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.182	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.177	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CC V-L	ug/kg dry	0.130	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.663	1.04	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.19	5.22	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.57	5.22	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.638	2.09	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.728	2.09	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*97.1 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*104 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*81.4 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*101 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*71.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.53 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*12.8 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*103 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*74.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*84.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*93.5 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*73.5 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*113 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*93.0 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.7 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*78.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.6 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*52.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.2 %*		*25-150*

Sample Information

Client Sample ID: **25SB-8 (0-2)** **York Sample ID:** **25E0288-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0339	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7400**		mg/kg dry	4.35	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.18	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.72**		mg/kg dry	1.31	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**59.0**		mg/kg dry	2.17	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.261	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**7740**		mg/kg dry	4.35	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.0**		mg/kg dry	0.436	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.16**		mg/kg dry	0.348	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**25.3**		mg/kg dry	1.74	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15200**		mg/kg dry	21.8	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**59.4**		mg/kg dry	0.436	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**4120**		mg/kg dry	4.36	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**315**		mg/kg dry	0.436	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.1**		mg/kg dry	0.867	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1750**	B	mg/kg dry	4.36	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.18	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.439	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**192**		mg/kg dry	43.5	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.75	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**23.5**		mg/kg dry	0.867	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**70.6**		mg/kg dry	2.17	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0763**		mg/kg dry	0.0313	1	EPA 7473	05/10/2025 09:48	05/13/2025 21:15	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.522	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.0**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.7**		%	0.100	1	SM 2540G	05/08/2025 09:45	05/08/2025 13:14	JG
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-8 (3-5)** **York Sample ID:** **25E0288-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*41.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.9 %*	*23-114*

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*39.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.1 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*44.7 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 16:03	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*104 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.180	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0539	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.182	0.186	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.175	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.189	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.192	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.194	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.166	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.151	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.197	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.158	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.194	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.763	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.768	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.362	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.196	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0631	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0976	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.160	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.605	0.763	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.618	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.316	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.250	0.761	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.172	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.126	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 22:47	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.645	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.13	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.53	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.621	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.709	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.1 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*113 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*123 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*77.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*71.0 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*129 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*110 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*110 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*82.9 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*89.2 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*102 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*78.8 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*101 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*110 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*56.0 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*46.8 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*55.3 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*58.1 %*	*25-150*

Sample Information

Client Sample ID: **25SB-8 (3-5)** **York Sample ID:** **25E0288-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0336	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*108 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5620**		mg/kg dry	4.26	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.13	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.36**		mg/kg dry	1.28	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**26.5**		mg/kg dry	2.13	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.043	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.256	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2380**		mg/kg dry	4.26	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.3**		mg/kg dry	0.427	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.16**		mg/kg dry	0.341	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**14.9**		mg/kg dry	1.71	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11300**		mg/kg dry	21.3	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2.28**		mg/kg dry	0.427	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3280**		mg/kg dry	4.27	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**221**		mg/kg dry	0.427	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.5**		mg/kg dry	0.849	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**981**	B	mg/kg dry	4.27	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.13	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.430	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**186**		mg/kg dry	42.6	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.71	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.6**		mg/kg dry	0.849	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**28.1**		mg/kg dry	2.12	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0307	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.512	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**15.3**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.7**		%	0.100	1	SM 2540G	05/08/2025 09:45	05/12/2025 17:17	AD
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-8 (12.5-14.5)** **York Sample ID:** **25E0288-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.065	0.13	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0065	0.013	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0097	0.019	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*92.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*73.8 %*	*23-114*

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*93.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*125 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*129 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 16:18	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*106 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.116	0.185	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0555	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.187	0.192	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.180	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.203	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.162	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.785	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.790	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.145	0.373	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.202	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0649	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.100	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.164	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.623	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.636	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.326	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.257	0.783	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.182	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.177	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.130	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.664	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.20	5.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.57	5.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.640	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.730	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*128 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*122 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.5 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*70.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.5 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*119 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*124 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*124 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*110 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.3 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.8 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*103 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*86.4 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*111 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*110 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.7 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*48.6 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*130 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*52.6 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.2 %*	*25-150*

Sample Information

Client Sample ID: **25SB-8 (12.5-14.5)** **York Sample ID:** **25E0288-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **25SB-8 (12.5-14.5)** **York Sample ID:** **25E0288-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0337	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5740**		mg/kg dry	4.38	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.19	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.43**		mg/kg dry	1.31	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**46.8**		mg/kg dry	2.19	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.263	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2280**		mg/kg dry	4.38	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.0**		mg/kg dry	0.438	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**8.90**		mg/kg dry	0.350	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**12.4**		mg/kg dry	1.75	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**23000**		mg/kg dry	21.9	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**1.92**		mg/kg dry	0.438	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3720**		mg/kg dry	4.38	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**533**		mg/kg dry	0.438	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.7**		mg/kg dry	0.872	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1010**	B	mg/kg dry	4.38	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.19	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.441	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**275**		mg/kg dry	43.8	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.75	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.0**		mg/kg dry	0.872	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**22.5**		mg/kg dry	2.18	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **25SB-8 (12.5-14.5)** **York Sample ID:** **25E0288-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0315	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.525	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.0**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.2**		%	0.100	1	SM 2540G	05/08/2025 09:45	05/08/2025 13:14	JG
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-DUP-3 (0-2)** **York Sample ID:** **25E0288-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.351	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.206**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.351	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.256**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.247**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.285**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.152**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.116**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.294**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.390**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.147**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.211**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.559**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.351	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*44.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*35.2 %*	*23-114*

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.9 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 16:33	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0560	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.792	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.797	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.376	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:20	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:20	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0655	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:20	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:20	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.628	0.792	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.642	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.328	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.260	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.178	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:20	AM

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:20	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.670	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:20	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.22	5.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:20	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:20	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.645	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:20	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:20	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.736	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:20	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:20	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*125 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*95.9 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*123 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*78.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*71.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*17.5 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*128 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*80.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*107 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.6 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*96.0 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*113 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*101 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*55.4 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*45.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.3 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*66.4 %*		*25-150*

Sample Information

Client Sample ID: **25SB-DUP-3 (0-2)** **York Sample ID:** **25E0288-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **25SB-DUP-3 (0-2)** **York Sample ID:** **25E0288-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0344	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7870**		mg/kg dry	4.43	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.57**		mg/kg dry	1.33	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **25SB-DUP-3 (0-2)** **York Sample ID:** **25E0288-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**51.2**		mg/kg dry	2.21	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.045	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2600**		mg/kg dry	4.44	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.9**		mg/kg dry	0.444	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.17**		mg/kg dry	0.354	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**32.5**		mg/kg dry	1.77	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14100**		mg/kg dry	22.2	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**76.4**		mg/kg dry	0.444	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3570**		mg/kg dry	4.44	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**269**		mg/kg dry	0.444	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.2**		mg/kg dry	0.884	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1470**	B	mg/kg dry	4.44	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**331**		mg/kg dry	44.4	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.78	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.5**		mg/kg dry	0.884	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**146**		mg/kg dry	2.21	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.131**		mg/kg dry	0.0319	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.532	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**15.9**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.9**		%	0.100	1	SM 2540G	05/08/2025 09:45	05/08/2025 13:14	JG
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	ICVE	ug/L	0.119	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	ICVE	ug/L	0.448	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	ug/L	0.372	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	QL-02, ICVE	ug/L	0.491	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND	QL-02	ug/L	0.212	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	ICVE	ug/L	0.337	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	ICVE	ug/L	0.469	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*79-122*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, HT-PR, QL-02	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E, HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, HT-PR, QL-02	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	HT-PR	ug/L	5.00	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	HT-PR	ug/L	1.00	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	HT-PR, QL-02	ug/L	5.00	10.0	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	HT-PR, QL-02	ug/L	0.750	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
2312-35-8	* Propargite	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:			
110-86-1	Pyridine	ND	HT-PR, QL-02	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.4 %*	HT-PR	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*13.4 %*	HT-PR	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.1 %*	S-08, HT-PR	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*38.7 %*	S-08, HT-PR	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*46.6 %*	HT-PR	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.7 %*	HT-PR	*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Semi-Volatiles, 8270 - Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	HT-PR	ug/L	0.300	1	EPA 8270E SIM	05/20/2025 08:54	05/20/2025 15:47	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

Surrogate Recoveries	Result		Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*80.0 %*	HT-PR	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.449	1.69	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.334	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.678	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.649	1.75	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.401	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.783	1.78	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.496	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.716	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.707	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.659	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NJDEP-NY037		
2355-31-9	N-MeFOSAA	ND		ng/L	0.754	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	N-EtFOSAA	ND		ng/L	0.983	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.220	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.869	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.26	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.16	7.26	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.96	7.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.315	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.477	3.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 23:46	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.04	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 23:46	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.239	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 23:46	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.353	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 23:46	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.726	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.71	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.08	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.668	7.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
919005-14-4	ADONA	ND		ng/L	0.506	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.888	1.85	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CC V-L	ng/L	0.821	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.94	4.77	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.00	23.9	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.04	23.9	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.91	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.72	1.91	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*120 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.3 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*144 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*114 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*87.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*82.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.73 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*152 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*71.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*131 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*83.0 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*91.7 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*99.3 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*75.5 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*125 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*109 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*94.2 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*88.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*90.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*108 %*		*25-150*

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*98.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**0.902**	M-BS	mg/L	0.0556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**0.0892**		mg/L	0.0556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**0.338**		mg/L	0.0556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**1.12**		mg/L	0.556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/07/2025 08:55	05/09/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	05/07/2025 08:55	05/09/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/07/2025 08:55	05/09/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/07/2025 08:55	05/09/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	05/07/2025 08:55	05/09/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/07/2025 08:55	05/09/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/06/2025 22:40	05/06/2025 23:00	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/12/2025 19:07	05/12/2025 19:20	SL
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc.

SW7470A

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	SW7470A	05/12/2025 00:00	05/12/2025 12:38	CT007
								Certifications:			

Analytical Batch Summary

Batch ID: 783863A **Preparation Method:** SW7470A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-22	FB-3	05/12/25
CT24973-BLK	BLK	05/12/25
CT24973-LCS	LCS	05/12/25

Batch ID: BE50448 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-22	FB-3	05/06/25
BE50448-BLK1	Blank	05/06/25
BE50448-BS1	LCS	05/06/25
BE50448-DUP1	Duplicate	05/06/25
BE50448-MS1	Matrix Spike	05/06/25
BE50448-MSD1	Matrix Spike Dup	05/06/25

Batch ID: BE50472 **Preparation Method:** EPA 3015A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-22	FB-3	05/07/25
BE50472-BLK1	Blank	05/07/25
BE50472-BS1	LCS	05/07/25

Batch ID: BE50475 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-22	FB-3	05/07/25
BE50475-BLK1	Blank	05/07/25
BE50475-BS1	LCS	05/07/25

Batch ID: BE50530 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-22	FB-3	05/07/25
BE50530-BLK1	Blank	05/07/25
BE50530-BS1	LCS	05/07/25
BE50530-BS2	LCS	05/07/25

Batch ID: BE50583 **Preparation Method:** EPA 3050B **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-01	25SB-15 (0-2)	05/08/25
25E0288-02	25SB-15 (4-6)	05/08/25
25E0288-03	25SB-15 (10-12)	05/08/25

25E0288-04	25SB-1 (0-2)	05/08/25
25E0288-05	25SB-1 (2-4)	05/08/25
25E0288-06	25SB-1 (11-13)	05/08/25
25E0288-07	25SB-14 (0-2)	05/08/25
25E0288-08	25SB-14 (4-6)	05/08/25
25E0288-09	25SB-14 (10-12)	05/08/25
25E0288-10	25SB-11 (0-1.5)	05/08/25
25E0288-12	25SB-7 (0-2)	05/08/25
BE50583-BLK1	Blank	05/08/25
BE50583-DUP1	Duplicate	05/08/25
BE50583-MS1	Matrix Spike	05/08/25
BE50583-PS1	Post Spike	05/08/25
BE50583-SRM1	Reference	05/08/25

Batch ID: BE50594 **Preparation Method:** % Solids Prep **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-01	25SB-15 (0-2)	05/08/25
25E0288-02	25SB-15 (4-6)	05/08/25
25E0288-03	25SB-15 (10-12)	05/08/25
25E0288-04	25SB-1 (0-2)	05/08/25
25E0288-05	25SB-1 (2-4)	05/08/25
25E0288-06	25SB-1 (11-13)	05/08/25
25E0288-07	25SB-14 (0-2)	05/08/25
25E0288-08	25SB-14 (4-6)	05/08/25
25E0288-09	25SB-14 (10-12)	05/08/25
25E0288-10	25SB-11 (0-1.5)	05/08/25
25E0288-12	25SB-7 (0-2)	05/08/25
25E0288-13	25SB-7 (3-5)	05/08/25
25E0288-14	25SB-7 (6-8)	05/08/25
25E0288-15	25SB-3 (0-2)	05/08/25
25E0288-16	25SB-3 (4-6)	05/08/25
BE50594-DUP1	Duplicate	05/08/25

Batch ID: BE50601 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-17	25SB-3 (11-13)	05/08/25
25E0288-18	25SB-8 (0-2)	05/08/25
25E0288-19	25SB-8 (3-5)	05/08/25
25E0288-20	25SB-8 (12.5-14.5)	05/08/25
25E0288-21	25SB-DUP-3 (0-2)	05/08/25
BE50601-DUP1	Duplicate	05/08/25

Batch ID: BE50634 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-13	25SB-7 (3-5)	05/08/25
25E0288-14	25SB-7 (6-8)	05/08/25
BE50634-BLK1	Blank	05/08/25

BE50634-SRM1	Reference	05/08/25

Batch ID: BE50636 **Preparation Method:** EPA SW846-3060 **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-01	25SB-15 (0-2)	05/08/25
25E0288-02	25SB-15 (4-6)	05/08/25
25E0288-03	25SB-15 (10-12)	05/08/25
25E0288-04	25SB-1 (0-2)	05/08/25
25E0288-05	25SB-1 (2-4)	05/08/25
25E0288-06	25SB-1 (11-13)	05/08/25
25E0288-07	25SB-14 (0-2)	05/08/25
25E0288-08	25SB-14 (4-6)	05/08/25
25E0288-09	25SB-14 (10-12)	05/08/25
25E0288-10	25SB-11 (0-1.5)	05/08/25
25E0288-12	25SB-7 (0-2)	05/08/25
BE50636-BLK1	Blank	05/08/25
BE50636-DUP1	Duplicate	05/08/25
BE50636-MS1	Matrix Spike	05/08/25
BE50636-MSD1	Matrix Spike Dup	05/08/25
BE50636-SRM1	Reference	05/08/25

Batch ID: BE50637 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-15	25SB-3 (0-2)	05/08/25
25E0288-16	25SB-3 (4-6)	05/08/25
25E0288-17	25SB-3 (11-13)	05/08/25
25E0288-18	25SB-8 (0-2)	05/08/25
25E0288-19	25SB-8 (3-5)	05/08/25
25E0288-20	25SB-8 (12.5-14.5)	05/08/25
25E0288-21	25SB-DUP-3 (0-2)	05/08/25
BE50637-BLK1	Blank	05/08/25
BE50637-DUP1	Duplicate	05/08/25
BE50637-MS1	Matrix Spike	05/08/25
BE50637-PS1	Post Spike	05/08/25
BE50637-SRM1	Reference	05/08/25

Batch ID: BE50657 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-19	25SB-8 (3-5)	05/08/25
25E0288-20	25SB-8 (12.5-14.5)	05/08/25
25E0288-21	25SB-DUP-3 (0-2)	05/08/25
BE50657-BLK1	Blank	05/08/25
BE50657-BS1	LCS	05/08/25
BE50657-BS2	LCS	05/08/25

Batch ID: BE50667 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-19	25SB-8 (3-5)	05/08/25
25E0288-20	25SB-8 (12.5-14.5)	05/08/25
BE50667-BLK1	Blank	05/08/25
BE50667-BS1	LCS	05/08/25
BE50667-BSD1	LCS Dup	05/08/25

Batch ID: BE50669 **Preparation Method:** EPA 5035A **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-03	25SB-15 (10-12)	05/08/25
25E0288-05	25SB-1 (2-4)	05/08/25
25E0288-06	25SB-1 (11-13)	05/08/25
25E0288-07	25SB-14 (0-2)	05/08/25
25E0288-08	25SB-14 (4-6)	05/08/25
25E0288-09	25SB-14 (10-12)	05/08/25
25E0288-10	25SB-11 (0-1.5)	05/08/25
25E0288-12	25SB-7 (0-2)	05/08/25
25E0288-13	25SB-7 (3-5)	05/08/25
25E0288-14	25SB-7 (6-8)	05/08/25
25E0288-15	25SB-3 (0-2)	05/08/25
25E0288-16	25SB-3 (4-6)	05/08/25
25E0288-18	25SB-8 (0-2)	05/08/25
BE50669-BLK1	Blank	05/08/25
BE50669-BS1	LCS	05/08/25
BE50669-MS1	Matrix Spike	05/08/25
BE50669-MSD1	Matrix Spike Dup	05/08/25

Batch ID: BE50713 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-13	25SB-7 (3-5)	05/09/25
25E0288-14	25SB-7 (6-8)	05/09/25
25E0288-15	25SB-3 (0-2)	05/09/25
25E0288-16	25SB-3 (4-6)	05/09/25
25E0288-17	25SB-3 (11-13)	05/09/25
25E0288-18	25SB-8 (0-2)	05/09/25
25E0288-19	25SB-8 (3-5)	05/09/25
25E0288-20	25SB-8 (12.5-14.5)	05/09/25
25E0288-21	25SB-DUP-3 (0-2)	05/09/25
BE50713-BLK1	Blank	05/09/25
BE50713-DUP1	Duplicate	05/09/25
BE50713-MS1	Matrix Spike	05/09/25
BE50713-MSD1	Matrix Spike Dup	05/09/25
BE50713-SRM1	Reference	05/09/25

Batch ID: BE50727 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-01	25SB-15 (0-2)	05/09/25
25E0288-02	25SB-15 (4-6)	05/09/25
25E0288-03	25SB-15 (10-12)	05/09/25
25E0288-04	25SB-1 (0-2)	05/09/25
25E0288-05	25SB-1 (2-4)	05/09/25
25E0288-06	25SB-1 (11-13)	05/09/25
25E0288-07	25SB-14 (0-2)	05/09/25
25E0288-08	25SB-14 (4-6)	05/09/25
25E0288-09	25SB-14 (10-12)	05/09/25
25E0288-10	25SB-11 (0-1.5)	05/09/25
25E0288-12	25SB-7 (0-2)	05/09/25
25E0288-13	25SB-7 (3-5)	05/09/25
25E0288-14	25SB-7 (6-8)	05/09/25
25E0288-15	25SB-3 (0-2)	05/09/25
25E0288-16	25SB-3 (4-6)	05/09/25
25E0288-17	25SB-3 (11-13)	05/09/25
25E0288-18	25SB-8 (0-2)	05/09/25
BE50727-BLK1	Blank	05/09/25
BE50727-BS1	LCS	05/09/25
BE50727-BS2	LCS	05/09/25
BE50727-MS1	Matrix Spike	05/09/25
BE50727-MS2	Matrix Spike	05/09/25
BE50727-MSD1	Matrix Spike Dup	05/09/25
BE50727-MSD2	Matrix Spike Dup	05/09/25

Batch ID: BE50733 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-01	25SB-15 (0-2)	05/09/25
25E0288-02	25SB-15 (4-6)	05/09/25
25E0288-03	25SB-15 (10-12)	05/09/25
25E0288-05	25SB-1 (2-4)	05/09/25
25E0288-06	25SB-1 (11-13)	05/09/25
25E0288-07	25SB-14 (0-2)	05/09/25
25E0288-08	25SB-14 (4-6)	05/09/25
25E0288-09	25SB-14 (10-12)	05/09/25
25E0288-10	25SB-11 (0-1.5)	05/09/25
25E0288-12	25SB-7 (0-2)	05/09/25
25E0288-13	25SB-7 (3-5)	05/09/25
25E0288-14	25SB-7 (6-8)	05/09/25
25E0288-15	25SB-3 (0-2)	05/09/25
25E0288-16	25SB-3 (4-6)	05/09/25
25E0288-17	25SB-3 (11-13)	05/09/25
25E0288-19	25SB-8 (3-5)	05/09/25
25E0288-20	25SB-8 (12.5-14.5)	05/09/25
25E0288-21	25SB-DUP-3 (0-2)	05/09/25
BE50733-BLK1	Blank	05/09/25
BE50733-SRM1	Reference	05/09/25

Batch ID: BE50786 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-18	25SB-8 (0-2)	05/10/25
BE50786-BLK1	Blank	05/10/25
BE50786-DUP1	Duplicate	05/10/25
BE50786-MS1	Matrix Spike	05/10/25
BE50786-SRM1	Reference	05/10/25

Batch ID: BE50787 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-04	25SB-1 (0-2)	05/10/25
BE50787-BLK1	Blank	05/10/25
BE50787-DUP1	Duplicate	05/10/25
BE50787-MS1	Matrix Spike	05/10/25
BE50787-SRM1	Reference	05/10/25

Batch ID: BE50816 **Preparation Method:** EPA 5035A **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-01	25SB-15 (0-2)	05/11/25
25E0288-02	25SB-15 (4-6)	05/11/25
25E0288-04	25SB-1 (0-2)	05/11/25
25E0288-17	25SB-3 (11-13)	05/11/25
25E0288-21	25SB-DUP-3 (0-2)	05/11/25
BE50816-BLK1	Blank	05/11/25
BE50816-BS1	LCS	05/11/25
BE50816-BSD1	LCS Dup	05/11/25
BE50816-MS1	Matrix Spike	05/11/25
BE50816-MSD1	Matrix Spike Dup	05/11/25

Batch ID: BE50818 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-17	25SB-3 (11-13)	05/12/25
25E0288-19	25SB-8 (3-5)	05/12/25
25E0288-20	25SB-8 (12.5-14.5)	05/12/25
25E0288-21	25SB-DUP-3 (0-2)	05/12/25
BE50818-BLK1	Blank	05/12/25
BE50818-BS1	LCS	05/12/25

Batch ID: BE50833 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-22	FB-3	05/12/25
BE50833-BLK1	Blank	05/12/25
BE50833-BS2	LCS	05/12/25

Batch ID: BE50836 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-22	FB-3	05/12/25
BE50836-BLK1	Blank	05/12/25
BE50836-BS1	LCS	05/12/25

Batch ID: BE50903 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-01	25SB-15 (0-2)	05/12/25
25E0288-02	25SB-15 (4-6)	05/12/25
25E0288-03	25SB-15 (10-12)	05/12/25
25E0288-04	25SB-1 (0-2)	05/12/25
25E0288-05	25SB-1 (2-4)	05/12/25
25E0288-06	25SB-1 (11-13)	05/12/25
25E0288-07	25SB-14 (0-2)	05/12/25
25E0288-08	25SB-14 (4-6)	05/12/25
25E0288-09	25SB-14 (10-12)	05/12/25
25E0288-10	25SB-11 (0-1.5)	05/12/25
25E0288-12	25SB-7 (0-2)	05/12/25
25E0288-13	25SB-7 (3-5)	05/12/25
25E0288-14	25SB-7 (6-8)	05/12/25
25E0288-15	25SB-3 (0-2)	05/12/25
25E0288-16	25SB-3 (4-6)	05/12/25
25E0288-17	25SB-3 (11-13)	05/12/25
25E0288-18	25SB-8 (0-2)	05/12/25
25E0288-19	25SB-8 (3-5)	05/12/25
25E0288-20	25SB-8 (12.5-14.5)	05/12/25
25E0288-21	25SB-DUP-3 (0-2)	05/12/25

Batch ID: BE50904 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-22	FB-3	05/12/25

Batch ID: BE50933 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-01	25SB-15 (0-2)	05/13/25
25E0288-02	25SB-15 (4-6)	05/13/25
25E0288-03	25SB-15 (10-12)	05/13/25
25E0288-04	25SB-1 (0-2)	05/13/25
25E0288-05	25SB-1 (2-4)	05/13/25
25E0288-06	25SB-1 (11-13)	05/13/25
25E0288-07	25SB-14 (0-2)	05/13/25
25E0288-08	25SB-14 (4-6)	05/13/25
25E0288-09	25SB-14 (10-12)	05/13/25

25E0288-10	25SB-11 (0-1.5)	05/13/25
25E0288-12	25SB-7 (0-2)	05/13/25
25E0288-13	25SB-7 (3-5)	05/13/25
25E0288-14	25SB-7 (6-8)	05/13/25
25E0288-15	25SB-3 (0-2)	05/13/25
BE50933-BLK1	Blank	05/13/25
BE50933-BS1	LCS	05/13/25
BE50933-MS2	Matrix Spike	05/13/25
BE50933-MSD2	Matrix Spike Dup	05/13/25

Batch ID: BE50948 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-01	25SB-15 (0-2)	05/13/25
25E0288-02	25SB-15 (4-6)	05/13/25
25E0288-03	25SB-15 (10-12)	05/13/25
25E0288-04	25SB-1 (0-2)	05/13/25
25E0288-05	25SB-1 (2-4)	05/13/25
25E0288-06	25SB-1 (11-13)	05/13/25
25E0288-07	25SB-14 (0-2)	05/13/25
BE50948-BLK1	Blank	05/13/25
BE50948-BS2	LCS	05/13/25
BE50948-MS2	Matrix Spike	05/13/25
BE50948-MSD2	Matrix Spike Dup	05/13/25

Batch ID: BE50950 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-01	25SB-15 (0-2)	05/13/25
25E0288-02	25SB-15 (4-6)	05/13/25
25E0288-03	25SB-15 (10-12)	05/13/25
25E0288-04	25SB-1 (0-2)	05/13/25
25E0288-05	25SB-1 (2-4)	05/13/25
25E0288-06	25SB-1 (11-13)	05/13/25
25E0288-07	25SB-14 (0-2)	05/13/25
BE50950-BLK1	Blank	05/13/25
BE50950-BS1	LCS	05/13/25
BE50950-MS1	Matrix Spike	05/13/25
BE50950-MSD1	Matrix Spike Dup	05/13/25

Batch ID: BE50953 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-01	25SB-15 (0-2)	05/13/25
25E0288-02	25SB-15 (4-6)	05/13/25
25E0288-03	25SB-15 (10-12)	05/13/25
25E0288-04	25SB-1 (0-2)	05/13/25
25E0288-05	25SB-1 (2-4)	05/13/25
BE50953-BLK1	Blank	05/13/25
BE50953-BS1	LCS	05/13/25

BE50953-MS1	Matrix Spike	05/13/25
BE50953-MSD1	Matrix Spike Dup	05/13/25

Batch ID: BE50975 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-06	25SB-1 (11-13)	05/13/25
25E0288-07	25SB-14 (0-2)	05/13/25
25E0288-08	25SB-14 (4-6)	05/13/25
25E0288-09	25SB-14 (10-12)	05/13/25
25E0288-10	25SB-11 (0-1.5)	05/13/25
25E0288-12	25SB-7 (0-2)	05/13/25
25E0288-13	25SB-7 (3-5)	05/13/25
25E0288-14	25SB-7 (6-8)	05/13/25
25E0288-15	25SB-3 (0-2)	05/13/25
25E0288-15RE1	25SB-3 (0-2)	05/13/25
25E0288-16	25SB-3 (4-6)	05/13/25
25E0288-17	25SB-3 (11-13)	05/13/25
25E0288-18	25SB-8 (0-2)	05/13/25
25E0288-19	25SB-8 (3-5)	05/13/25
25E0288-20	25SB-8 (12.5-14.5)	05/13/25
25E0288-21	25SB-DUP-3 (0-2)	05/13/25
BE50975-BLK1	Blank	05/13/25
BE50975-BS1	LCS	05/13/25
BE50975-MS1	Matrix Spike	05/13/25
BE50975-MSD1	Matrix Spike Dup	05/13/25

Batch ID: BE51032 **Preparation Method:** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-22	FB-3	05/14/25
BE51032-BLK1	Blank	05/14/25
BE51032-BS1	LCS	05/14/25
BE51032-BSD1	LCS Dup	05/14/25

Batch ID: BE51033 **Preparation Method:** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-22	FB-3	05/14/25
BE51033-BLK2	Blank	05/14/25
BE51033-BS2	LCS	05/14/25

Batch ID: BE51050 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-08	25SB-14 (4-6)	05/14/25
25E0288-09	25SB-14 (10-12)	05/14/25
25E0288-10	25SB-11 (0-1.5)	05/14/25
25E0288-12	25SB-7 (0-2)	05/14/25

25E0288-13	25SB-7 (3-5)	05/14/25
25E0288-14	25SB-7 (6-8)	05/14/25
25E0288-15	25SB-3 (0-2)	05/14/25
25E0288-16	25SB-3 (4-6)	05/14/25
25E0288-17	25SB-3 (11-13)	05/14/25
25E0288-18	25SB-8 (0-2)	05/14/25
25E0288-19	25SB-8 (3-5)	05/14/25
25E0288-20	25SB-8 (12.5-14.5)	05/14/25
25E0288-21	25SB-DUP-3 (0-2)	05/14/25
BE51050-BLK1	Blank	05/14/25
BE51050-BS2	LCS	05/14/25
BE51050-MS2	Matrix Spike	05/14/25
BE51050-MSD2	Matrix Spike Dup	05/14/25

Batch ID: BE51052 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-08	25SB-14 (4-6)	05/14/25
25E0288-09	25SB-14 (10-12)	05/14/25
25E0288-10	25SB-11 (0-1.5)	05/14/25
25E0288-12	25SB-7 (0-2)	05/14/25
25E0288-13	25SB-7 (3-5)	05/14/25
25E0288-14	25SB-7 (6-8)	05/14/25
25E0288-15	25SB-3 (0-2)	05/14/25
25E0288-16	25SB-3 (4-6)	05/14/25
25E0288-17	25SB-3 (11-13)	05/14/25
25E0288-18	25SB-8 (0-2)	05/14/25
25E0288-19	25SB-8 (3-5)	05/14/25
25E0288-20	25SB-8 (12.5-14.5)	05/14/25
25E0288-21	25SB-DUP-3 (0-2)	05/14/25
BE51052-BLK1	Blank	05/14/25
BE51052-BS1	LCS	05/14/25
BE51052-MS1	Matrix Spike	05/14/25
BE51052-MSD1	Matrix Spike Dup	05/14/25

Batch ID: BE51061 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-16	25SB-3 (4-6)	05/14/25
25E0288-18	25SB-8 (0-2)	05/14/25
BE51061-BLK1	Blank	05/14/25
BE51061-BS1	LCS	05/14/25
BE51061-MS1	Matrix Spike	05/14/25
BE51061-MSD1	Matrix Spike Dup	05/14/25

Batch ID: BE51092 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-11	TB-3	05/13/25
25E0288-22	FB-3	05/13/25

BE51092-BLK1	Blank	05/13/25
BE51092-BS1	LCS	05/13/25
BE51092-BSD1	LCS Dup	05/13/25

Batch ID: BE51509 **Preparation Method:** EPA 3535A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25E0288-22	FB-3	05/20/25
BE51509-BLK1	Blank	05/20/25
BE51509-BS1	LCS	05/20/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50667 - EPA 5035A											
Blank (BE50667-BLK1)											
Prepared: 05/08/2025 Analyzed: 05/09/2025											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.020	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

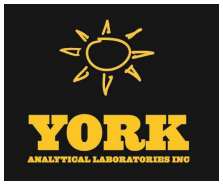
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50667 - EPA 5035A											
Blank (BE50667-BLK1)											Prepared: 05/08/2025 Analyzed: 05/09/2025
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.9*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.2*		*"*	*50.0*		*94.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.6*		*"*	*50.0*		*107*	*76-130*				
LCS (BE50667-BS1)											Prepared: 05/08/2025 Analyzed: 05/09/2025
1,1,1,2-Tetrachloroethane	40.6		ug/L	50.0		81.3	75-129				
1,1,1-Trichloroethane	44.1		"	50.0		88.2	71-137				
1,1,2,2-Tetrachloroethane	43.3		"	50.0		86.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.6		"	50.0		91.3	58-146				
1,1,2-Trichloroethane	44.1		"	50.0		88.3	83-123				
1,1-Dichloroethane	44.8		"	50.0		89.6	75-130				
1,1-Dichloroethylene	42.4		"	50.0		84.8	64-137				
1,2,3-Trichlorobenzene	39.8		"	50.0		79.6	81-140	Low Bias			
1,2,3-Trichloropropane	43.1		"	50.0		86.2	81-126				
1,2,4-Trichlorobenzene	40.1		"	50.0		80.2	80-141				
1,2,4-Trimethylbenzene	42.3		"	50.0		84.6	84-125				
1,2-Dibromo-3-chloropropane	40.9		"	50.0		81.7	74-142				
1,2-Dibromoethane	44.2		"	50.0		88.3	86-123				
1,2-Dichlorobenzene	42.3		"	50.0		84.7	85-122	Low Bias			
1,2-Dichloroethane	47.2		"	50.0		94.4	71-133				
1,2-Dichloropropane	42.8		"	50.0		85.6	81-122				
1,3,5-Trimethylbenzene	41.8		"	50.0		83.6	82-126				
1,3-Dichlorobenzene	40.8		"	50.0		81.7	84-124	Low Bias			
1,4-Dichlorobenzene	41.4		"	50.0		82.8	84-124	Low Bias			
1,4-Dioxane	872		"	1050		83.0	10-228				
2-Butanone	43.4		"	50.0		86.8	58-147				
2-Hexanone	41.9		"	50.0		83.8	70-139				
4-Methyl-2-pentanone	43.1		"	50.0		86.2	72-132				
Acetone	38.2		"	50.0		76.4	36-155				
Acrolein	45.2		"	50.0		90.3	10-238				
Acrylonitrile	48.5		"	50.0		97.0	66-141				
Benzene	46.0		"	50.0		92.0	77-127				
Bromochloromethane	49.1		"	50.0		98.1	74-129				
Bromodichloromethane	40.9		"	50.0		81.8	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50667 - EPA 5035A											
LCS (BE50667-BS1)								Prepared: 05/08/2025 Analyzed: 05/09/2025			
Bromoform	44.2		ug/L	50.0		88.5	80-136				
Bromomethane	45.0		"	50.0		89.9	32-177				
Carbon disulfide	40.0		"	50.0		80.1	10-136				
Carbon tetrachloride	43.1		"	50.0		86.2	66-143				
Chlorobenzene	43.0		"	50.0		86.0	86-120				
Chloroethane	46.8		"	50.0		93.5	51-142				
Chloroform	46.1		"	50.0		92.2	76-131				
Chloromethane	43.0		"	50.0		86.1	49-132				
cis-1,2-Dichloroethylene	44.7		"	50.0		89.4	74-132				
cis-1,3-Dichloropropylene	42.1		"	50.0		84.2	81-129				
Cyclohexane	43.0		"	50.0		85.9	70-130				
Dibromochloromethane	43.3		"	50.0		86.6	10-200				
Dibromomethane	43.3		"	50.0		86.7	83-124				
Dichlorodifluoromethane	36.4		"	50.0		72.7	28-158				
Ethyl Benzene	42.5		"	50.0		84.9	84-125				
Hexachlorobutadiene	35.2		"	50.0		70.5	83-133	Low Bias			
Isopropylbenzene	40.1		"	50.0		80.2	81-127	Low Bias			
Methyl acetate	49.0		"	50.0		97.9	41-143				
Methyl tert-butyl ether (MTBE)	46.0		"	50.0		91.9	74-131				
Methylcyclohexane	38.6		"	50.0		77.3	70-130				
Methylene chloride	71.0		"	50.0		142	57-141	High Bias			
n-Butylbenzene	42.0		"	50.0		84.0	80-130				
n-Propylbenzene	40.8		"	50.0		81.6	74-136				
o-Xylene	43.8		"	50.0		87.7	83-123				
p- & m- Xylenes	85.0		"	100		85.0	82-128				
p-Isopropyltoluene	38.8		"	50.0		77.7	85-125	Low Bias			
sec-Butylbenzene	40.0		"	50.0		79.9	83-125	Low Bias			
Styrene	42.6		"	50.0		85.2	86-126	Low Bias			
tert-Butyl alcohol (TBA)	224		"	250		89.7	70-130				
tert-Butylbenzene	38.8		"	50.0		77.7	80-127	Low Bias			
Tetrachloroethylene	32.8		"	50.0		65.5	80-129	Low Bias			
Toluene	41.3		"	50.0		82.7	85-121	Low Bias			
trans-1,2-Dichloroethylene	43.6		"	50.0		87.2	72-132				
trans-1,3-Dichloropropylene	42.9		"	50.0		85.7	78-132				
Trichloroethylene	40.6		"	50.0		81.3	84-123	Low Bias			
Trichlorofluoromethane	42.9		"	50.0		85.9	62-140				
Vinyl Chloride	45.8		"	50.0		91.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.1*		*"*	*50.0*		*94.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50667 - EPA 5035A											
LCS Dup (BE50667-BSD1)								Prepared: 05/08/2025 Analyzed: 05/09/2025			
1,1,1,2-Tetrachloroethane	40.3		ug/L	50.0		80.5	75-129		0.915	30	
1,1,1-Trichloroethane	46.7		"	50.0		93.4	71-137		5.66	30	
1,1,2,2-Tetrachloroethane	41.8		"	50.0		83.7	79-129		3.38	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.0		"	50.0		104	58-146		13.1	30	
1,1,2-Trichloroethane	43.6		"	50.0		87.2	83-123		1.23	30	
1,1-Dichloroethane	46.7		"	50.0		93.4	75-130		4.18	30	
1,1-Dichloroethylene	48.5		"	50.0		96.9	64-137		13.3	30	
1,2,3-Trichlorobenzene	39.0		"	50.0		77.9	81-140	Low Bias	2.06	30	
1,2,3-Trichloropropane	42.6		"	50.0		85.3	81-126		1.05	30	
1,2,4-Trichlorobenzene	38.8		"	50.0		77.6	80-141	Low Bias	3.32	30	
1,2,4-Trimethylbenzene	41.8		"	50.0		83.6	84-125	Low Bias	1.14	30	
1,2-Dibromo-3-chloropropane	42.0		"	50.0		84.0	74-142		2.68	30	
1,2-Dibromoethane	43.4		"	50.0		86.9	86-123		1.67	30	
1,2-Dichlorobenzene	41.5		"	50.0		82.9	85-122	Low Bias	2.08	30	
1,2-Dichloroethane	48.6		"	50.0		97.2	71-133		2.92	30	
1,2-Dichloropropane	43.3		"	50.0		86.6	81-122		1.21	30	
1,3,5-Trimethylbenzene	41.9		"	50.0		83.7	82-126		0.119	30	
1,3-Dichlorobenzene	40.2		"	50.0		80.3	84-124	Low Bias	1.70	30	
1,4-Dichlorobenzene	40.5		"	50.0		80.9	84-124	Low Bias	2.27	30	
1,4-Dioxane	947		"	1050		90.2	10-228		8.25	30	
2-Butanone	46.0		"	50.0		92.0	58-147		5.80	30	
2-Hexanone	41.7		"	50.0		83.4	70-139		0.431	30	
4-Methyl-2-pentanone	43.0		"	50.0		86.0	72-132		0.279	30	
Acetone	37.2		"	50.0		74.4	36-155		2.62	30	
Acrolein	115		"	50.0		230	10-238		87.4	30	Non-dir.
Acrylonitrile	49.0		"	50.0		97.9	66-141		0.903	30	
Benzene	48.2		"	50.0		96.4	77-127		4.65	30	
Bromochloromethane	49.7		"	50.0		99.4	74-129		1.32	30	
Bromodichloromethane	41.2		"	50.0		82.3	81-124		0.634	30	
Bromoform	42.8		"	50.0		85.5	80-136		3.43	30	
Bromomethane	52.5		"	50.0		105	32-177		15.4	30	
Carbon disulfide	48.7		"	50.0		97.4	10-136		19.5	30	
Carbon tetrachloride	45.6		"	50.0		91.2	66-143		5.55	30	
Chlorobenzene	43.1		"	50.0		86.2	86-120		0.279	30	
Chloroethane	55.6		"	50.0		111	51-142		17.3	30	
Chloroform	47.5		"	50.0		95.1	76-131		3.03	30	
Chloromethane	60.1		"	50.0		120	49-132		33.0	30	Non-dir.
cis-1,2-Dichloroethylene	46.6		"	50.0		93.3	74-132		4.25	30	
cis-1,3-Dichloropropylene	42.6		"	50.0		85.2	81-129		1.11	30	
Cyclohexane	51.2		"	50.0		102	70-130		17.4	30	
Dibromochloromethane	42.8		"	50.0		85.6	10-200		1.14	30	
Dibromomethane	44.0		"	50.0		88.0	83-124		1.53	30	
Dichlorodifluoromethane	89.3		"	50.0		179	28-158	High Bias	84.3	30	Non-dir.
Ethyl Benzene	42.6		"	50.0		85.3	84-125		0.446	30	
Hexachlorobutadiene	34.4		"	50.0		68.9	83-133	Low Bias	2.30	30	
Isopropylbenzene	40.0		"	50.0		79.9	81-127	Low Bias	0.400	30	
Methyl acetate	35.6		"	50.0		71.2	41-143		31.5	30	Non-dir.
Methyl tert-butyl ether (MTBE)	46.9		"	50.0		93.7	74-131		1.98	30	
Methylcyclohexane	42.1		"	50.0		84.2	70-130		8.55	30	
Methylene chloride	75.4		"	50.0		151	57-141	High Bias	6.05	30	
n-Butylbenzene	40.9		"	50.0		81.9	80-130		2.60	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50667 - EPA 5035A											
LCS Dup (BE50667-BSD1)									Prepared: 05/08/2025 Analyzed: 05/09/2025		
n-Propylbenzene	40.7		ug/L	50.0		81.3	74-136		0.295	30	
o-Xylene	43.3		"	50.0		86.5	83-123		1.31	30	
p- & m- Xylenes	84.9		"	100		84.9	82-128		0.106	30	
p-Isopropyltoluene	38.6		"	50.0		77.2	85-125	Low Bias	0.620	30	
sec-Butylbenzene	39.4		"	50.0		78.9	83-125	Low Bias	1.28	30	
Styrene	42.4		"	50.0		84.7	86-126	Low Bias	0.565	30	
tert-Butyl alcohol (TBA)	228		"	250		91.4	70-130		1.79	30	
tert-Butylbenzene	38.6		"	50.0		77.3	80-127	Low Bias	0.568	30	
Tetrachloroethylene	33.1		"	50.0		66.1	80-129	Low Bias	0.881	30	
Toluene	42.0		"	50.0		83.9	85-121	Low Bias	1.49	30	
trans-1,2-Dichloroethylene	47.8		"	50.0		95.6	72-132		9.24	30	
trans-1,3-Dichloropropylene	41.7		"	50.0		83.4	78-132		2.77	30	
Trichloroethylene	41.9		"	50.0		83.7	84-123	Low Bias	2.98	30	
Trichlorofluoromethane	50.0		"	50.0		100	62-140		15.3	30	
Vinyl Chloride	61.1		"	50.0		122	52-130		28.6	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.3*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.7*		*"*	*50.0*		*93.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				
Batch BE50669 - EPA 5035A											
Blank (BE50669-BLK1)									Prepared: 05/08/2025 Analyzed: 05/09/2025		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50669 - EPA 5035A											
Blank (BE50669-BLK1)											
Prepared: 05/08/2025 Analyzed: 05/09/2025											
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.022	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.9*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50669 - EPA 5035A											
LCS (BE50669-BS1)								Prepared: 05/08/2025 Analyzed: 05/09/2025			
1,1,1,2-Tetrachloroethane	39.3		ug/L	50.0		78.7	75-129				
1,1,1-Trichloroethane	43.4		"	50.0		86.8	71-137				
1,1,2,2-Tetrachloroethane	47.4		"	50.0		94.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.9		"	50.0		99.8	58-146				
1,1,2-Trichloroethane	46.1		"	50.0		92.2	83-123				
1,1-Dichloroethane	46.6		"	50.0		93.3	75-130				
1,1-Dichloroethylene	45.3		"	50.0		90.5	64-137				
1,2,3-Trichlorobenzene	47.8		"	50.0		95.5	81-140				
1,2,3-Trichloropropane	47.0		"	50.0		94.1	81-126				
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	48.8		"	50.0		97.5	84-125				
1,2-Dibromo-3-chloropropane	40.8		"	50.0		81.7	74-142				
1,2-Dibromoethane	47.7		"	50.0		95.5	86-123				
1,2-Dichlorobenzene	48.0		"	50.0		96.1	85-122				
1,2-Dichloroethane	45.7		"	50.0		91.5	71-133				
1,2-Dichloropropane	45.1		"	50.0		90.2	81-122				
1,3,5-Trimethylbenzene	48.4		"	50.0		96.9	82-126				
1,3-Dichlorobenzene	48.3		"	50.0		96.6	84-124				
1,4-Dichlorobenzene	47.8		"	50.0		95.6	84-124				
1,4-Dioxane	1050		"	1050		99.6	10-228				
2-Butanone	47.4		"	50.0		94.7	58-147				
2-Hexanone	45.6		"	50.0		91.1	70-139				
4-Methyl-2-pentanone	45.5		"	50.0		91.0	72-132				
Acetone	46.6		"	50.0		93.2	36-155				
Acrolein	55.1		"	50.0		110	10-238				
Acrylonitrile	50.2		"	50.0		100	66-141				
Benzene	46.7		"	50.0		93.4	77-127				
Bromochloromethane	48.8		"	50.0		97.6	74-129				
Bromodichloromethane	41.4		"	50.0		82.8	81-124				
Bromoform	42.0		"	50.0		84.0	80-136				
Bromomethane	45.3		"	50.0		90.6	32-177				
Carbon disulfide	43.9		"	50.0		87.8	10-136				
Carbon tetrachloride	40.9		"	50.0		81.7	66-143				
Chlorobenzene	47.8		"	50.0		95.6	86-120				
Chloroethane	46.3		"	50.0		92.7	51-142				
Chloroform	46.2		"	50.0		92.4	76-131				
Chloromethane	35.6		"	50.0		71.2	49-132				
cis-1,2-Dichloroethylene	45.7		"	50.0		91.3	74-132				
cis-1,3-Dichloropropylene	41.7		"	50.0		83.4	81-129				
Cyclohexane	43.8		"	50.0		87.5	70-130				
Dibromochloromethane	45.3		"	50.0		90.5	10-200				
Dibromomethane	45.4		"	50.0		90.8	83-124				
Dichlorodifluoromethane	23.5		"	50.0		47.0	28-158				
Ethyl Benzene	48.6		"	50.0		97.2	84-125				
Hexachlorobutadiene	47.0		"	50.0		94.0	83-133				
Isopropylbenzene	48.4		"	50.0		96.8	81-127				
Methyl acetate	61.9		"	50.0		124	41-143				
Methyl tert-butyl ether (MTBE)	42.1		"	50.0		84.2	74-131				
Methylcyclohexane	44.1		"	50.0		88.3	70-130				
Methylene chloride	72.7		"	50.0		145	57-141	High Bias			
n-Butylbenzene	49.6		"	50.0		99.3	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50669 - EPA 5035A											
LCS (BE50669-BS1)								Prepared: 05/08/2025 Analyzed: 05/09/2025			
n-Propylbenzene	48.2		ug/L	50.0		96.3	74-136				
o-Xylene	50.1		"	50.0		100	83-123				
p- & m- Xylenes	99.0		"	100		99.0	82-128				
p-Isopropyltoluene	48.8		"	50.0		97.6	85-125				
sec-Butylbenzene	48.3		"	50.0		96.6	83-125				
Styrene	48.6		"	50.0		97.1	86-126				
tert-Butyl alcohol (TBA)	251		"	250		100	70-130				
tert-Butylbenzene	47.1		"	50.0		94.2	80-127				
Tetrachloroethylene	34.9		"	50.0		69.8	80-129	Low Bias			
Toluene	47.1		"	50.0		94.1	85-121				
trans-1,2-Dichloroethylene	45.4		"	50.0		90.7	72-132				
trans-1,3-Dichloropropylene	40.2		"	50.0		80.4	78-132				
Trichloroethylene	45.4		"	50.0		90.8	84-123				
Trichlorofluoromethane	49.2		"	50.0		98.3	62-140				
Vinyl Chloride	40.5		"	50.0		81.0	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*76-130*				
Matrix Spike (BE50669-MS1)	*Source sample: 25E0288-18 (25SB-8 (0-2))							Prepared: 05/08/2025 Analyzed: 05/09/2025			
1,1,1,2-Tetrachloroethane	36.5		ug/L	50.0	0.00	73.0	15-161				
1,1,1-Trichloroethane	39.1		"	50.0	0.00	78.2	42-145				
1,1,2,2-Tetrachloroethane	46.9		"	50.0	0.00	93.8	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.7		"	50.0	0.00	97.3	11-160				
1,1,2-Trichloroethane	44.2		"	50.0	0.00	88.3	44-145				
1,1-Dichloroethane	39.4		"	50.0	0.00	78.8	46-142				
1,1-Dichloroethylene	43.8		"	50.0	0.00	87.6	30-153				
1,2,3-Trichlorobenzene	46.0		"	50.0	0.00	91.9	10-157				
1,2,3-Trichloropropane	44.2		"	50.0	0.00	88.4	38-155				
1,2,4-Trichlorobenzene	48.5		"	50.0	0.00	96.9	10-151				
1,2,4-Trimethylbenzene	45.2		"	50.0	0.00	90.5	10-170				
1,2-Dibromo-3-chloropropane	38.1		"	50.0	0.00	76.2	36-138				
1,2-Dibromoethane	44.7		"	50.0	0.00	89.5	40-142				
1,2-Dichlorobenzene	45.4		"	50.0	0.00	90.8	10-147				
1,2-Dichloroethane	44.0		"	50.0	0.00	88.1	48-133				
1,2-Dichloropropane	42.2		"	50.0	0.00	84.3	47-141				
1,3,5-Trimethylbenzene	44.6		"	50.0	0.00	89.3	10-150				
1,3-Dichlorobenzene	45.4		"	50.0	0.00	90.8	10-144				
1,4-Dichlorobenzene	45.5		"	50.0	0.00	90.9	10-160				
1,4-Dioxane	1010		"	1050	0.00	96.6	10-191				
2-Butanone	40.3		"	50.0	0.00	80.6	10-189				
2-Hexanone	41.7		"	50.0	0.00	83.4	10-181				
4-Methyl-2-pentanone	42.5		"	50.0	0.00	85.0	10-166				
Acetone	41.3		"	50.0	1.65	79.3	10-196				
Acrolein	62.2		"	50.0	0.00	124	10-192				
Acrylonitrile	45.1		"	50.0	0.00	90.3	13-161				
Benzene	43.3		"	50.0	0.00	86.6	43-139				
Bromochloromethane	46.3		"	50.0	0.00	92.6	38-145				
Bromodichloromethane	38.9		"	50.0	0.00	77.8	38-147				
Bromoform	40.2		"	50.0	0.00	80.5	29-156				
Bromomethane	55.9		"	50.0	0.00	112	10-166				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50669 - EPA 5035A											
Matrix Spike (BE50669-MS1)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/08/2025 Analyzed: 05/09/2025		
Carbon disulfide	42.5		ug/L	50.0	0.00	85.0	10-131				
Carbon tetrachloride	36.7		"	50.0	0.00	73.4	35-145				
Chlorobenzene	44.6		"	50.0	0.00	89.2	21-154				
Chloroethane	44.4		"	50.0	0.00	88.7	15-160				
Chloroform	43.2		"	50.0	0.00	86.3	47-142				
Chloromethane	33.8		"	50.0	0.00	67.5	10-159				
cis-1,2-Dichloroethylene	40.4		"	50.0	0.00	80.8	42-144				
cis-1,3-Dichloropropylene	38.7		"	50.0	0.00	77.4	18-159				
Cyclohexane	40.1		"	50.0	0.00	80.1	70-130				
Dibromochloromethane	43.3		"	50.0	0.00	86.6	10-179				
Dibromomethane	43.5		"	50.0	0.00	86.9	47-143				
Dichlorodifluoromethane	21.7		"	50.0	0.00	43.3	10-145				
Ethyl Benzene	45.1		"	50.0	0.00	90.2	11-158				
Hexachlorobutadiene	41.9		"	50.0	0.00	83.8	10-158				
Isopropylbenzene	43.6		"	50.0	0.00	87.1	10-162				
Methyl acetate	60.6		"	50.0	0.00	121	10-149				
Methyl tert-butyl ether (MTBE)	36.9		"	50.0	0.00	73.8	42-152				
Methylcyclohexane	39.4		"	50.0	0.00	78.7	70-130				
Methylene chloride	48.1		"	50.0	1.82	92.5	28-151				
n-Butylbenzene	47.0		"	50.0	0.00	93.9	10-162				
n-Propylbenzene	44.3		"	50.0	0.00	88.6	10-155				
o-Xylene	46.5		"	50.0	0.00	92.9	10-158				
p- & m- Xylenes	92.6		"	100	0.00	92.6	10-156				
p-Isopropyltoluene	45.4		"	50.0	0.00	90.9	10-147				
sec-Butylbenzene	43.8		"	50.0	0.00	87.5	10-157				
Styrene	45.6		"	50.0	0.00	91.2	13-171				
tert-Butyl alcohol (TBA)	216		"	250	0.00	86.5	34-179				
tert-Butylbenzene	42.9		"	50.0	0.00	85.7	10-160				
Tetrachloroethylene	32.2		"	50.0	0.00	64.3	30-167				
Toluene	43.7		"	50.0	0.00	87.4	21-160				
trans-1,2-Dichloroethylene	40.8		"	50.0	0.00	81.7	29-153				
trans-1,3-Dichloropropylene	37.4		"	50.0	0.00	74.8	18-155				
Trichloroethylene	39.9		"	50.0	0.00	79.8	24-169				
Trichlorofluoromethane	48.0		"	50.0	0.00	96.1	35-142				
Vinyl Chloride	39.1		"	50.0	0.00	78.2	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.5*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE50669 - EPA 5035A

Matrix Spike Dup (BE50669-MSD1) *Source sample: 25E0288-18 (25SB-8 (0-2)) Prepared: 05/08/2025 Analyzed: 05/09/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	33.3		ug/L	50.0	0.00	66.5	15-161		9.31	33	
1,1,1-Trichloroethane	38.2		"	50.0	0.00	76.4	42-145		2.38	30	
1,1,2,2-Tetrachloroethane	44.3		"	50.0	0.00	88.5	16-167		5.81	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.6		"	50.0	0.00	91.2	11-160		6.54	31	
1,1,2-Trichloroethane	41.9		"	50.0	0.00	83.9	44-145		5.16	40	
1,1-Dichloroethane	41.4		"	50.0	0.00	82.7	46-142		4.90	36	
1,1-Dichloroethylene	43.6		"	50.0	0.00	87.3	30-153		0.297	31	
1,2,3-Trichlorobenzene	29.1		"	50.0	0.00	58.1	10-157		45.0	47	
1,2,3-Trichloropropane	43.5		"	50.0	0.00	87.0	38-155		1.53	48	
1,2,4-Trichlorobenzene	31.2		"	50.0	0.00	62.4	10-151		43.3	52	
1,2,4-Trimethylbenzene	36.0		"	50.0	0.00	72.1	10-170		22.6	242	
1,2-Dibromo-3-chloropropane	34.2		"	50.0	0.00	68.5	36-138		10.7	54	
1,2-Dibromoethane	41.9		"	50.0	0.00	83.7	40-142		6.61	39	
1,2-Dichlorobenzene	34.6		"	50.0	0.00	69.2	10-147		27.1	52	
1,2-Dichloroethane	43.2		"	50.0	0.00	86.3	48-133		2.04	32	
1,2-Dichloropropane	40.8		"	50.0	0.00	81.6	47-141		3.30	37	
1,3,5-Trimethylbenzene	35.5		"	50.0	0.00	71.0	10-150		22.8	62	
1,3-Dichlorobenzene	34.7		"	50.0	0.00	69.4	10-144		26.8	51	
1,4-Dichlorobenzene	34.6		"	50.0	0.00	69.1	10-160		27.3	52	
1,4-Dioxane	1030		"	1050	0.00	97.8	10-191		1.31	196	
2-Butanone	44.2		"	50.0	0.00	88.4	10-189		9.33	67	
2-Hexanone	40.7		"	50.0	0.00	81.4	10-181		2.45	60	
4-Methyl-2-pentanone	42.0		"	50.0	0.00	84.0	10-166		1.14	47	
Acetone	47.6		"	50.0	1.77	91.6	10-196		14.1	150	
Acrolein	44.7		"	50.0	0.00	89.4	10-192		32.8	128	
Acrylonitrile	46.8		"	50.0	0.00	93.7	13-161		3.70	48	
Benzene	41.5		"	50.0	0.00	83.0	43-139		4.29	64	
Bromochloromethane	44.3		"	50.0	0.00	88.6	38-145		4.44	30	
Bromodichloromethane	37.2		"	50.0	0.00	74.4	38-147		4.42	37	
Bromoform	35.8		"	50.0	0.00	71.5	29-156		11.8	51	
Bromomethane	60.3		"	50.0	0.00	121	10-166		7.59	42	
Carbon disulfide	38.6		"	50.0	0.00	77.2	10-131		9.54	36	
Carbon tetrachloride	35.5		"	50.0	0.00	71.0	35-145		3.27	31	
Chlorobenzene	37.8		"	50.0	0.00	75.6	21-154		16.5	32	
Chloroethane	46.8		"	50.0	0.00	93.5	15-160		5.29	40	
Chloroform	42.3		"	50.0	0.00	84.7	47-142		1.89	29	
Chloromethane	35.2		"	50.0	0.00	70.5	10-159		4.26	31	
cis-1,2-Dichloroethylene	40.4		"	50.0	0.00	80.8	42-144		0.0247	30	
cis-1,3-Dichloropropylene	35.9		"	50.0	0.00	71.8	18-159		7.43	39	
Cyclohexane	33.1		"	50.0	0.00	66.1	70-130	Low Bias	19.1	30	
Dibromochloromethane	40.0		"	50.0	0.00	80.0	10-179		7.90	41	
Dibromomethane	42.3		"	50.0	0.00	84.5	47-143		2.82	41	
Dichlorodifluoromethane	23.7		"	50.0	0.00	47.4	10-145		9.08	34	
Ethyl Benzene	38.1		"	50.0	0.00	76.2	11-158		16.8	42	
Hexachlorobutadiene	24.2		"	50.0	0.00	48.5	10-158		53.4	45	Non-dir.
Isopropylbenzene	36.2		"	50.0	0.00	72.4	10-162		18.5	57	
Methyl acetate	76.6		"	50.0	0.00	153	10-149	High Bias	23.3	64	
Methyl tert-butyl ether (MTBE)	41.0		"	50.0	0.00	82.1	42-152		10.5	47	
Methylcyclohexane	29.3		"	50.0	0.00	58.6	70-130	Low Bias	29.3	30	
Methylene chloride	50.8		"	50.0	1.95	97.6	28-151		5.42	49	
n-Butylbenzene	33.2		"	50.0	0.00	66.3	10-162		34.4	96	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50669 - EPA 5035A											
Matrix Spike Dup (BE50669-MSD1)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/08/2025 Analyzed: 05/09/2025		
n-Propylbenzene	35.7		ug/L	50.0	0.00	71.4	10-155		21.5	56	
o-Xylene	38.5		"	50.0	0.00	77.1	10-158		18.6	51	
p- & m- Xylenes	76.7		"	100	0.00	76.7	10-156		18.9	47	
p-Isopropyltoluene	33.9		"	50.0	0.00	67.8	10-147		29.1	60	
sec-Butylbenzene	32.5		"	50.0	0.00	65.0	10-157		29.4	56	
Styrene	35.8		"	50.0	0.00	71.7	13-171		23.9	39	
tert-Butyl alcohol (TBA)	246		"	250	0.00	98.5	34-179		13.0	35	
tert-Butylbenzene	33.0		"	50.0	0.00	66.0	10-160		26.0	79	
Tetrachloroethylene	27.2		"	50.0	0.00	54.5	30-167		16.6	33	
Toluene	39.1		"	50.0	0.00	78.1	21-160		11.2	50	
trans-1,2-Dichloroethylene	40.6		"	50.0	0.00	81.3	29-153		0.491	30	
trans-1,3-Dichloropropylene	33.3		"	50.0	0.00	66.6	18-155		11.7	30	
Trichloroethylene	37.6		"	50.0	0.00	75.2	24-169		6.01	30	
Trichlorofluoromethane	48.0		"	50.0	0.00	96.0	35-142		0.146	30	
Vinyl Chloride	40.1		"	50.0	0.00	80.3	12-160		2.55	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.6*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				
Batch BE50816 - EPA 5035A											
Blank (BE50816-BLK1)									Prepared & Analyzed: 05/11/2025		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50816 - EPA 5035A											
Blank (BE50816-BLK1)											Prepared & Analyzed: 05/11/2025
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*ug/L*	*50.0*		*97.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.3*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50816 - EPA 5035A											
LCS (BE50816-BS1)								Prepared & Analyzed: 05/11/2025			
1,1,1,2-Tetrachloroethane	40.4		ug/L	50.0		80.9	75-129				
1,1,1-Trichloroethane	44.8		"	50.0		89.6	71-137				
1,1,2,2-Tetrachloroethane	43.3		"	50.0		86.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.7		"	50.0		81.5	58-146				
1,1,2-Trichloroethane	44.8		"	50.0		89.5	83-123				
1,1-Dichloroethane	42.8		"	50.0		85.5	75-130				
1,1-Dichloroethylene	39.2		"	50.0		78.4	64-137				
1,2,3-Trichlorobenzene	57.0		"	50.0		114	81-140				
1,2,3-Trichloropropane	42.4		"	50.0		84.8	81-126				
1,2,4-Trichlorobenzene	58.9		"	50.0		118	80-141				
1,2,4-Trimethylbenzene	42.7		"	50.0		85.4	84-125				
1,2-Dibromo-3-chloropropane	41.9		"	50.0		83.8	74-142				
1,2-Dibromoethane	46.1		"	50.0		92.3	86-123				
1,2-Dichlorobenzene	45.7		"	50.0		91.4	85-122				
1,2-Dichloroethane	42.8		"	50.0		85.5	71-133				
1,2-Dichloropropane	45.2		"	50.0		90.3	81-122				
1,3,5-Trimethylbenzene	44.1		"	50.0		88.2	82-126				
1,3-Dichlorobenzene	42.8		"	50.0		85.5	84-124				
1,4-Dichlorobenzene	50.1		"	50.0		100	84-124				
1,4-Dioxane	973		"	1050		92.7	10-228				
2-Butanone	42.9		"	50.0		85.9	58-147				
2-Hexanone	43.5		"	50.0		87.0	70-139				
4-Methyl-2-pentanone	42.2		"	50.0		84.4	72-132				
Acetone	34.8		"	50.0		69.6	36-155				
Acrolein	79.8		"	50.0		160	10-238				
Acrylonitrile	45.5		"	50.0		91.1	66-141				
Benzene	43.7		"	50.0		87.4	77-127				
Bromochloromethane	46.4		"	50.0		92.8	74-129				
Bromodichloromethane	42.2		"	50.0		84.3	81-124				
Bromoform	46.7		"	50.0		93.4	80-136				
Bromomethane	35.5		"	50.0		70.9	32-177				
Carbon disulfide	39.2		"	50.0		78.4	10-136				
Carbon tetrachloride	45.4		"	50.0		90.7	66-143				
Chlorobenzene	45.3		"	50.0		90.6	86-120				
Chloroethane	38.1		"	50.0		76.1	51-142				
Chloroform	43.1		"	50.0		86.2	76-131				
Chloromethane	37.5		"	50.0		75.0	49-132				
cis-1,2-Dichloroethylene	43.6		"	50.0		87.1	74-132				
cis-1,3-Dichloropropylene	42.6		"	50.0		85.2	81-129				
Cyclohexane	48.4		"	50.0		96.7	70-130				
Dibromochloromethane	45.3		"	50.0		90.6	10-200				
Dibromomethane	43.0		"	50.0		86.0	83-124				
Dichlorodifluoromethane	38.5		"	50.0		77.1	28-158				
Ethyl Benzene	42.4		"	50.0		84.8	84-125				
Hexachlorobutadiene	56.6		"	50.0		113	83-133				
Isopropylbenzene	42.9		"	50.0		85.9	81-127				
Methyl acetate	43.8		"	50.0		87.6	41-143				
Methyl tert-butyl ether (MTBE)	40.3		"	50.0		80.6	74-131				
Methylcyclohexane	46.2		"	50.0		92.3	70-130				
Methylene chloride	42.3		"	50.0		84.6	57-141				
n-Butylbenzene	42.8		"	50.0		85.7	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50816 - EPA 5035A											
LCS (BE50816-BS1)								Prepared & Analyzed: 05/11/2025			
n-Propylbenzene	43.1		ug/L	50.0		86.3	74-136				
o-Xylene	42.9		"	50.0		85.7	83-123				
p- & m- Xylenes	88.6		"	100		88.6	82-128				
p-Isopropyltoluene	41.6		"	50.0		83.2	85-125	Low Bias			
sec-Butylbenzene	43.6		"	50.0		87.1	83-125				
Styrene	42.2		"	50.0		84.3	86-126	Low Bias			
tert-Butyl alcohol (TBA)	201		"	250		80.5	70-130				
tert-Butylbenzene	42.9		"	50.0		85.8	80-127				
Tetrachloroethylene	42.6		"	50.0		85.3	80-129				
Toluene	43.8		"	50.0		87.6	85-121				
trans-1,2-Dichloroethylene	43.5		"	50.0		87.0	72-132				
trans-1,3-Dichloropropylene	40.4		"	50.0		80.8	78-132				
Trichloroethylene	44.8		"	50.0		89.6	84-123				
Trichlorofluoromethane	36.2		"	50.0		72.4	62-140				
Vinyl Chloride	36.5		"	50.0		73.0	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.4*	*76-130*				
LCS Dup (BE50816-BSD1)								Prepared & Analyzed: 05/11/2025			
1,1,1,2-Tetrachloroethane	39.6		ug/L	50.0		79.2	75-129		2.07	30	
1,1,1-Trichloroethane	44.9		"	50.0		89.8	71-137		0.178	30	
1,1,2,2-Tetrachloroethane	43.3		"	50.0		86.5	79-129		0.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.2		"	50.0		80.3	58-146		1.41	30	
1,1,2-Trichloroethane	44.2		"	50.0		88.4	83-123		1.21	30	
1,1-Dichloroethane	42.5		"	50.0		84.9	75-130		0.681	30	
1,1-Dichloroethylene	38.6		"	50.0		77.1	64-137		1.70	30	
1,2,3-Trichlorobenzene	56.2		"	50.0		112	81-140		1.45	30	
1,2,3-Trichloropropane	42.8		"	50.0		85.7	81-126		1.03	30	
1,2,4-Trichlorobenzene	57.7		"	50.0		115	80-141		2.08	30	
1,2,4-Trimethylbenzene	42.0		"	50.0		84.0	84-125		1.63	30	
1,2-Dibromo-3-chloropropane	42.4		"	50.0		84.7	74-142		1.02	30	
1,2-Dibromoethane	46.2		"	50.0		92.3	86-123		0.0217	30	
1,2-Dichlorobenzene	45.0		"	50.0		89.9	85-122		1.68	30	
1,2-Dichloroethane	42.8		"	50.0		85.7	71-133		0.210	30	
1,2-Dichloropropane	44.1		"	50.0		88.2	81-122		2.35	30	
1,3,5-Trimethylbenzene	42.8		"	50.0		85.7	82-126		2.90	30	
1,3-Dichlorobenzene	42.1		"	50.0		84.3	84-124		1.44	30	
1,4-Dichlorobenzene	49.6		"	50.0		99.2	84-124		1.02	30	
1,4-Dioxane	987		"	1050		94.0	10-228		1.41	30	
2-Butanone	43.2		"	50.0		86.4	58-147		0.604	30	
2-Hexanone	44.0		"	50.0		88.0	70-139		1.23	30	
4-Methyl-2-pentanone	43.2		"	50.0		86.5	72-132		2.39	30	
Acetone	38.0		"	50.0		75.9	36-155		8.60	30	
Acrolein	82.8		"	50.0		166	10-238		3.64	30	
Acrylonitrile	46.7		"	50.0		93.5	66-141		2.58	30	
Benzene	43.7		"	50.0		87.4	77-127		0.0229	30	
Bromochloromethane	46.5		"	50.0		93.0	74-129		0.194	30	
Bromodichloromethane	41.3		"	50.0		82.6	81-124		2.01	30	
Bromoform	46.2		"	50.0		92.5	80-136		0.968	30	
Bromomethane	34.2		"	50.0		68.4	32-177		3.65	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50816 - EPA 5035A											
LCS Dup (BE50816-BSD1)								Prepared & Analyzed: 05/11/2025			
Carbon disulfide	39.1		ug/L	50.0		78.1	10-136		0.358	30	
Carbon tetrachloride	44.9		"	50.0		89.9	66-143		0.952	30	
Chlorobenzene	44.2		"	50.0		88.5	86-120		2.39	30	
Chloroethane	37.1		"	50.0		74.2	51-142		2.61	30	
Chloroform	42.7		"	50.0		85.5	76-131		0.862	30	
Chloromethane	37.2		"	50.0		74.4	49-132		0.884	30	
cis-1,2-Dichloroethylene	43.3		"	50.0		86.6	74-132		0.645	30	
cis-1,3-Dichloropropylene	41.9		"	50.0		83.9	81-129		1.51	30	
Cyclohexane	46.5		"	50.0		93.1	70-130		3.88	30	
Dibromochloromethane	44.8		"	50.0		89.6	10-200		1.13	30	
Dibromomethane	43.3		"	50.0		86.7	83-124		0.834	30	
Dichlorodifluoromethane	38.4		"	50.0		76.7	28-158		0.468	30	
Ethyl Benzene	41.5		"	50.0		83.0	84-125	Low Bias	2.24	30	
Hexachlorobutadiene	54.4		"	50.0		109	83-133		4.04	30	
Isopropylbenzene	42.5		"	50.0		85.1	81-127		0.936	30	
Methyl acetate	44.5		"	50.0		89.1	41-143		1.61	30	
Methyl tert-butyl ether (MTBE)	41.7		"	50.0		83.4	74-131		3.44	30	
Methylcyclohexane	45.4		"	50.0		90.8	70-130		1.68	30	
Methylene chloride	42.3		"	50.0		84.7	57-141		0.0945	30	
n-Butylbenzene	41.7		"	50.0		83.4	80-130		2.70	30	
n-Propylbenzene	42.4		"	50.0		84.9	74-136		1.64	30	
o-Xylene	42.0		"	50.0		84.1	83-123		1.96	30	
p- & m- Xylenes	86.0		"	100		86.0	82-128		3.04	30	
p-Isopropyltoluene	40.7		"	50.0		81.3	85-125	Low Bias	2.26	30	
sec-Butylbenzene	42.9		"	50.0		85.8	83-125		1.55	30	
Styrene	41.5		"	50.0		83.0	86-126	Low Bias	1.63	30	
tert-Butyl alcohol (TBA)	213		"	250		85.2	70-130		5.66	30	
tert-Butylbenzene	42.5		"	50.0		85.1	80-127		0.866	30	
Tetrachloroethylene	41.3		"	50.0		82.6	80-129		3.22	30	
Toluene	43.0		"	50.0		86.0	85-121		1.91	30	
trans-1,2-Dichloroethylene	43.5		"	50.0		87.0	72-132		0.0230	30	
trans-1,3-Dichloropropylene	39.9		"	50.0		79.8	78-132		1.27	30	
Trichloroethylene	44.2		"	50.0		88.4	84-123		1.39	30	
Trichlorofluoromethane	35.8		"	50.0		71.6	62-140		1.00	30	
Vinyl Chloride	35.8		"	50.0		71.6	52-130		1.99	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50816 - EPA 5035A											
Matrix Spike (BE50816-MS1)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared & Analyzed: 05/11/2025			
1,1,1,2-Tetrachloroethane	34.9		ug/L	50.0	0.00	69.7	15-161				
1,1,1-Trichloroethane	37.0		"	50.0	0.00	74.0	42-145				
1,1,2,2-Tetrachloroethane	43.0		"	50.0	0.00	86.1	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	32.1		"	50.0	0.00	64.2	11-160				
1,1,2-Trichloroethane	44.9		"	50.0	0.00	89.8	44-145				
1,1-Dichloroethane	37.8		"	50.0	0.00	75.7	46-142				
1,1-Dichloroethylene	31.9		"	50.0	0.00	63.9	30-153				
1,2,3-Trichlorobenzene	24.0		"	50.0	0.00	48.1	10-157				
1,2,3-Trichloropropane	44.0		"	50.0	0.00	87.9	38-155				
1,2,4-Trichlorobenzene	23.9		"	50.0	0.00	47.8	10-151				
1,2,4-Trimethylbenzene	27.5		"	50.0	0.00	55.0	10-170				
1,2-Dibromo-3-chloropropane	41.2		"	50.0	0.00	82.4	36-138				
1,2-Dibromoethane	44.8		"	50.0	0.00	89.6	40-142				
1,2-Dichlorobenzene	29.8		"	50.0	0.00	59.5	10-147				
1,2-Dichloroethane	44.1		"	50.0	0.00	88.2	48-133				
1,2-Dichloropropane	41.9		"	50.0	0.00	83.9	47-141				
1,3,5-Trimethylbenzene	28.2		"	50.0	0.00	56.5	10-150				
1,3-Dichlorobenzene	26.5		"	50.0	0.00	52.9	10-144				
1,4-Dichlorobenzene	31.3		"	50.0	0.00	62.6	10-160				
1,4-Dioxane	1120		"	1050	0.00	107	10-191				
2-Butanone	45.8		"	50.0	0.00	91.6	10-189				
2-Hexanone	48.4		"	50.0	0.00	96.8	10-181				
4-Methyl-2-pentanone	48.0		"	50.0	0.00	96.1	10-166				
Acetone	41.2		"	50.0	1.47	79.4	10-196				
Acrolein	34.9		"	50.0	0.00	69.8	10-192				
Acrylonitrile	52.0		"	50.0	0.00	104	13-161				
Benzene	38.6		"	50.0	0.00	77.3	43-139				
Bromochloromethane	46.6		"	50.0	0.00	93.1	38-145				
Bromodichloromethane	39.1		"	50.0	0.00	78.2	38-147				
Bromoform	43.7		"	50.0	0.00	87.3	29-156				
Bromomethane	30.2		"	50.0	0.00	60.5	10-166				
Carbon disulfide	26.7		"	50.0	0.00	53.3	10-131				
Carbon tetrachloride	37.0		"	50.0	0.00	74.0	35-145				
Chlorobenzene	35.8		"	50.0	0.00	71.7	21-154				
Chloroethane	33.3		"	50.0	0.00	66.6	15-160				
Chloroform	39.8		"	50.0	0.00	79.7	47-142				
Chloromethane	25.4		"	50.0	0.00	50.9	10-159				
cis-1,2-Dichloroethylene	38.2		"	50.0	0.00	76.3	42-144				
cis-1,3-Dichloropropylene	37.3		"	50.0	0.00	74.5	18-159				
Cyclohexane	30.6		"	50.0	0.00	61.1	70-130	Low Bias			
Dibromochloromethane	42.7		"	50.0	0.00	85.4	10-179				
Dibromomethane	44.0		"	50.0	0.00	88.1	47-143				
Dichlorodifluoromethane	13.5		"	50.0	0.00	27.1	10-145				
Ethyl Benzene	32.6		"	50.0	0.00	65.3	11-158				
Hexachlorobutadiene	22.4		"	50.0	0.00	44.8	10-158				
Isopropylbenzene	28.7		"	50.0	0.00	57.4	10-162				
Methyl acetate	85.2		"	50.0	0.00	170	10-149	High Bias			
Methyl tert-butyl ether (MTBE)	39.0		"	50.0	0.00	78.1	42-152				
Methylcyclohexane	26.2		"	50.0	0.00	52.5	70-130	Low Bias			
Methylene chloride	38.3		"	50.0	0.00	76.6	28-151				
n-Butylbenzene	22.0		"	50.0	0.00	44.1	10-162				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50816 - EPA 5035A											
Matrix Spike (BE50816-MS1)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared & Analyzed: 05/11/2025			
n-Propylbenzene	28.2		ug/L	50.0	0.00	56.4	10-155				
o-Xylene	32.2		"	50.0	0.00	64.3	10-158				
p- & m- Xylenes	67.2		"	100	0.00	67.2	10-156				
p-Isopropyltoluene	23.6		"	50.0	0.00	47.2	10-147				
sec-Butylbenzene	24.8		"	50.0	0.00	49.6	10-157				
Styrene	31.7		"	50.0	0.00	63.3	13-171				
tert-Butyl alcohol (TBA)	216		"	250	0.00	86.4	34-179				
tert-Butylbenzene	25.8		"	50.0	0.00	51.7	10-160				
Tetrachloroethylene	30.2		"	50.0	0.00	60.5	30-167				
Toluene	36.5		"	50.0	0.00	73.1	21-160				
trans-1,2-Dichloroethylene	35.5		"	50.0	0.00	71.0	29-153				
trans-1,3-Dichloropropylene	36.4		"	50.0	0.00	72.7	18-155				
Trichloroethylene	36.0		"	50.0	0.00	71.9	24-169				
Trichlorofluoromethane	30.3		"	50.0	0.00	60.6	35-142				
Vinyl Chloride	26.5		"	50.0	0.00	53.0	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.7*		*"*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*97.9*	*76-130*				
Matrix Spike Dup (BE50816-MSD1)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared & Analyzed: 05/11/2025			
1,1,1,2-Tetrachloroethane	39.9		ug/L	50.0	0.00	79.8	15-161		13.5	33	
1,1,1-Trichloroethane	46.1		"	50.0	0.00	92.3	42-145		21.9	30	
1,1,2,2-Tetrachloroethane	37.1		"	50.0	0.00	74.1	16-167		15.0	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39.3		"	50.0	0.00	78.6	11-160		20.3	31	
1,1,2-Trichloroethane	39.3		"	50.0	0.00	78.6	44-145		13.3	40	
1,1-Dichloroethane	43.5		"	50.0	0.00	87.0	46-142		13.9	36	
1,1-Dichloroethylene	40.0		"	50.0	0.00	79.9	30-153		22.3	31	
1,2,3-Trichlorobenzene	41.1		"	50.0	0.00	82.2	10-157		52.4	47	Non-dir.
1,2,3-Trichloropropane	35.8		"	50.0	0.00	71.6	38-155		20.5	48	
1,2,4-Trichlorobenzene	44.6		"	50.0	0.00	89.2	10-151		60.4	52	Non-dir.
1,2,4-Trimethylbenzene	44.2		"	50.0	0.00	88.4	10-170		46.5	242	
1,2-Dibromo-3-chloropropane	31.8		"	50.0	0.00	63.5	36-138		25.8	54	
1,2-Dibromoethane	37.9		"	50.0	0.00	75.8	40-142		16.6	39	
1,2-Dichlorobenzene	42.3		"	50.0	0.00	84.6	10-147		34.9	52	
1,2-Dichloroethane	38.4		"	50.0	0.00	76.8	48-133		13.8	32	
1,2-Dichloropropane	46.6		"	50.0	0.00	93.2	47-141		10.5	37	
1,3,5-Trimethylbenzene	45.7		"	50.0	0.00	91.5	10-150		47.3	62	
1,3-Dichlorobenzene	41.6		"	50.0	0.00	83.1	10-144		44.4	51	
1,4-Dichlorobenzene	48.7		"	50.0	0.00	97.4	10-160		43.5	52	
1,4-Dioxane	668		"	1050	0.00	63.6	10-191		50.7	196	
2-Butanone	30.2		"	50.0	0.00	60.4	10-189		41.1	67	
2-Hexanone	29.1		"	50.0	0.00	58.3	10-181		49.7	60	
4-Methyl-2-pentanone	29.9		"	50.0	0.00	59.8	10-166		46.5	47	
Acetone	26.2		"	50.0	2.03	48.4	10-196		44.5	150	
Acrolein	22.1		"	50.0	0.00	44.2	10-192		44.8	128	
Acrylonitrile	33.5		"	50.0	0.00	67.0	13-161		43.4	48	
Benzene	44.6		"	50.0	0.00	89.3	43-139		14.4	64	
Bromochloromethane	42.2		"	50.0	0.00	84.5	38-145		9.73	30	
Bromodichloromethane	42.0		"	50.0	0.00	83.9	38-147		7.06	37	
Bromoform	36.3		"	50.0	0.00	72.6	29-156		18.5	51	
Bromomethane	36.9		"	50.0	0.00	73.7	10-166		19.8	42	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50816 - EPA 5035A											
Matrix Spike Dup (BE50816-MSD1)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared & Analyzed: 05/11/2025			
Carbon disulfide	34.4		ug/L	50.0	0.00	68.8	10-131		25.3	36	
Carbon tetrachloride	45.6		"	50.0	0.00	91.3	35-145		20.9	31	
Chlorobenzene	45.2		"	50.0	0.00	90.3	21-154		23.1	32	
Chloroethane	38.7		"	50.0	0.00	77.3	15-160		14.9	40	
Chloroform	44.0		"	50.0	0.00	88.1	47-142		9.99	29	
Chloromethane	29.8		"	50.0	0.00	59.6	10-159		15.9	31	
cis-1,2-Dichloroethylene	43.9		"	50.0	0.00	87.8	42-144		14.1	30	
cis-1,3-Dichloropropylene	40.5		"	50.0	0.00	81.0	18-159		8.31	39	
Cyclohexane	39.7		"	50.0	0.00	79.4	70-130		26.0	30	
Dibromochloromethane	39.6		"	50.0	0.00	79.2	10-179		7.51	41	
Dibromomethane	38.6		"	50.0	0.00	77.2	47-143		13.2	41	
Dichlorodifluoromethane	16.9		"	50.0	0.00	33.7	10-145		21.9	34	
Ethyl Benzene	43.2		"	50.0	0.00	86.3	11-158		27.8	42	
Hexachlorobutadiene	36.7		"	50.0	0.00	73.4	10-158		48.4	45	Non-dir.
Isopropylbenzene	45.8		"	50.0	0.00	91.6	10-162		46.0	57	
Methyl acetate	50.2		"	50.0	0.00	100	10-149		51.8	64	
Methyl tert-butyl ether (MTBE)	31.9		"	50.0	0.00	63.8	42-152		20.1	47	
Methylcyclohexane	38.3		"	50.0	0.00	76.7	70-130		37.5	30	Non-dir.
Methylene chloride	41.2		"	50.0	0.00	82.5	28-151		7.39	49	
n-Butylbenzene	39.2		"	50.0	0.00	78.3	10-162		56.0	96	
n-Propylbenzene	45.6		"	50.0	0.00	91.2	10-155		47.2	56	
o-Xylene	42.7		"	50.0	0.00	85.4	10-158		28.1	51	
p- & m- Xylenes	89.3		"	100	0.00	89.3	10-156		28.3	47	
p-Isopropyltoluene	40.6		"	50.0	0.00	81.2	10-147		53.0	60	
sec-Butylbenzene	42.4		"	50.0	0.00	84.9	10-157		52.5	56	
Styrene	40.8		"	50.0	0.00	81.6	13-171		25.2	39	
tert-Butyl alcohol (TBA)	126		"	250	0.00	50.2	34-179		52.9	35	Non-dir.
tert-Butylbenzene	43.6		"	50.0	0.00	87.3	10-160		51.2	79	
Tetrachloroethylene	41.6		"	50.0	0.00	83.1	30-167		31.6	33	
Toluene	46.2		"	50.0	0.00	92.5	21-160		23.5	50	
trans-1,2-Dichloroethylene	43.9		"	50.0	0.00	87.8	29-153		21.1	30	
trans-1,3-Dichloropropylene	35.8		"	50.0	0.00	71.6	18-155		1.58	30	
Trichloroethylene	47.2		"	50.0	0.00	94.5	24-169		27.1	30	
Trichlorofluoromethane	35.7		"	50.0	0.00	71.5	35-142		16.4	30	
Vinyl Chloride	32.5		"	50.0	0.00	65.0	12-160		20.2	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*41.4*		*"*	*50.0*		*82.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.8*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51092 - EPA 5030B											
Blank (BE51092-BLK1)											
Prepared & Analyzed: 05/13/2025											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	0.810	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Diisopropyl ether (DIPE)	ND	0.800	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51092 - EPA 5030B											
Blank (BE51092-BLK1)											Prepared & Analyzed: 05/13/2025
Ethyl Benzene	ND	0.500	ug/L								
Ethyl tert-butyl ether (ETBE)	ND	0.800	"								
Hexachlorobutadiene	ND	0.500	"								
Iodomethane	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Amyl alcohol (TAA)	ND	8.00	"								
tert-Amyl methyl ether (TAME)	ND	0.800	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.67*		*"*	*10.0*		*96.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51092 - EPA 5030B											
LCS (BE51092-BS1)								Prepared & Analyzed: 05/13/2025			
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82-126				
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165				
1,1,2-Trichloroethane	9.96		"	10.0		99.6	82-123				
1,1-Dichloroethane	11.4		"	10.0		114	82-129				
1,1-Dichloroethylene	12.2		"	10.0		122	68-138				
1,1-Dichloropropylene	11.7		"	10.0		117	83-133				
1,2,3-Trichlorobenzene	6.20		"	10.0		62.0	76-136	Low Bias			
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4,5-Tetramethylbenzene	9.97		"	10.0		99.7	85-140				
1,2,4-Trichlorobenzene	7.24		"	10.0		72.4	76-137	Low Bias			
1,2,4-Trimethylbenzene	11.6		"	10.0		116	82-132				
1,2-Dibromo-3-chloropropane	9.20		"	10.0		92.0	45-147				
1,2-Dibromoethane	9.87		"	10.0		98.7	83-124				
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	11.0		"	10.0		110	78-126				
1,3,5-Trimethylbenzene	14.6		"	10.0		146	80-131	High Bias			
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	10.2		"	10.0		102	81-125				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	0.00		"	210			10-349	Low Bias			
2,2-Dichloropropane	10.4		"	10.0		104	56-150				
2-Butanone	11.0		"	10.0		110	49-152				
2-Chlorotoluene	11.5		"	10.0		115	79-130				
2-Hexanone	9.27		"	10.0		92.7	51-146				
4-Chlorotoluene	11.6		"	10.0		116	79-128				
4-Methyl-2-pentanone	10.0		"	10.0		100	57-145				
Acetone	8.25		"	10.0		82.5	14-150				
Acrolein	9.27		"	10.0		92.7	10-153				
Acrylonitrile	11.2		"	10.0		112	51-150				
Benzene	11.6		"	10.0		116	85-126				
Bromobenzene	11.2		"	10.0		112	78-129				
Bromochloromethane	11.3		"	10.0		113	77-128				
Bromodichloromethane	10.7		"	10.0		107	79-128				
Bromoform	8.08		"	10.0		80.8	78-133				
Bromomethane	8.75		"	10.0		87.5	43-168				
Carbon disulfide	12.1		"	10.0		121	68-146				
Carbon tetrachloride	11.7		"	10.0		117	77-141				
Chlorobenzene	10.6		"	10.0		106	88-120				
Chloroethane	7.99		"	10.0		79.9	65-136				
Chloroform	11.0		"	10.0		110	82-128				
Chloromethane	7.42		"	10.0		74.2	43-155				
cis-1,2-Dichloroethylene	11.3		"	10.0		113	83-129				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131				
Cyclohexane	6.10		"	10.0		61.0	63-149	Low Bias			
Dibromochloromethane	10.1		"	10.0		101	80-130				
Dibromomethane	9.75		"	10.0		97.5	72-134				
Dichlorodifluoromethane	4.84		"	10.0		48.4	44-144				
Diisopropyl ether (DIPE)	11.4		"	10.0		114	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51092 - EPA 5030B											
LCS (BE51092-BS1)								Prepared & Analyzed: 05/13/2025			
Ethyl Benzene	11.4		ug/L	10.0		114	80-131				
Ethyl tert-butyl ether (ETBE)	10.4		"	10.0		104	70-130				
Hexachlorobutadiene	8.18		"	10.0		81.8	67-146				
Iodomethane	12.0		"	10.0		120	70-130				
Isopropylbenzene	12.0		"	10.0		120	76-140				
Methyl acetate	7.08		"	10.0		70.8	51-139				
Methyl Methacrylate	9.55		"	10.0		95.5	72-132				
Methyl tert-butyl ether (MTBE)	9.68		"	10.0		96.8	76-135				
Methylcyclohexane	10.8		"	10.0		108	72-143				
Methylene chloride	11.2		"	10.0		112	55-137				
Naphthalene	6.88		"	10.0		68.8	70-147	Low Bias			
n-Butylbenzene	11.8		"	10.0		118	79-132				
n-Propylbenzene	12.1		"	10.0		121	78-133				
o-Xylene	11.2		"	10.0		112	78-130				
p- & m- Xylenes	22.8		"	20.0		114	77-133				
p-Diethylbenzene	11.9		"	10.0		119	84-134				
p-Ethyltoluene	14.6		"	10.0		146	88-129	High Bias			
p-Isopropyltoluene	12.3		"	10.0		123	81-136				
sec-Butylbenzene	11.7		"	10.0		117	79-137				
Styrene	11.8		"	10.0		118	67-132				
tert-Amyl alcohol (TAA)	110		"	100		110	70-130				
tert-Amyl methyl ether (TAME)	9.99		"	10.0		99.9	70-130				
tert-Butyl alcohol (TBA)	41.3		"	50.0		82.7	25-162				
tert-Butylbenzene	10.4		"	10.0		104	77-138				
Tetrachloroethylene	9.79		"	10.0		97.9	82-131				
Tetrahydrofuran	9.77		"	10.0		97.7	36-166				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	11.6		"	10.0		116	80-132				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131				
trans-1,4-dichloro-2-butene	10.2		"	10.0		102	63-141				
Trichloroethylene	10.8		"	10.0		108	82-128				
Trichlorofluoromethane	8.09		"	10.0		80.9	67-139				
Vinyl acetate	8.33		"	10.0		83.3	21-90				
Vinyl Chloride	7.20		"	10.0		72.0	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

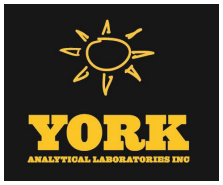
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51092 - EPA 5030B											
LCS Dup (BE51092-BSD1)								Prepared & Analyzed: 05/13/2025			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		1.22	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136		7.53	30	
1,1,2,2-Tetrachloroethane	11.7		"	10.0		117	76-129		8.35	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165		6.92	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		7.26	30	
1,1-Dichloroethane	10.8		"	10.0		108	82-129		5.51	30	
1,1-Dichloroethylene	11.4		"	10.0		114	68-138		7.12	30	
1,1-Dichloropropylene	10.9		"	10.0		109	83-133		6.65	30	
1,2,3-Trichlorobenzene	8.15		"	10.0		81.5	76-136		27.2	30	
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128		8.22	30	
1,2,4,5-Tetramethylbenzene	9.70		"	10.0		97.0	85-140		2.75	30	
1,2,4-Trichlorobenzene	8.34		"	10.0		83.4	76-137		14.1	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		14.0	30	
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147		13.7	30	
1,2-Dibromoethane	10.8		"	10.0		108	83-124		8.91	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		1.09	30	
1,2-Dichloroethane	11.8		"	10.0		118	73-132		8.76	30	
1,2-Dichloropropane	10.5		"	10.0		105	78-126		4.56	30	
1,3,5-Trimethylbenzene	12.3		"	10.0		123	80-131		17.4	30	
1,3-Dichlorobenzene	9.75		"	10.0		97.5	86-122		8.17	30	
1,3-Dichloropropane	11.0		"	10.0		110	81-125		7.74	30	
1,4-Dichlorobenzene	9.63		"	10.0		96.3	85-124		6.92	30	
1,4-Dioxane	0.00		"	210			10-349	Low Bias		30	
2,2-Dichloropropane	9.65		"	10.0		96.5	56-150		7.86	30	
2-Butanone	13.6		"	10.0		136	49-152		21.5	30	
2-Chlorotoluene	9.91		"	10.0		99.1	79-130		15.0	30	
2-Hexanone	12.0		"	10.0		120	51-146		26.1	30	
4-Chlorotoluene	10.0		"	10.0		100	79-128		14.3	30	
4-Methyl-2-pentanone	12.7		"	10.0		127	57-145		23.6	30	
Acetone	10.4		"	10.0		104	14-150		23.1	30	
Acrolein	10.7		"	10.0		107	10-153		14.4	30	
Acrylonitrile	13.0		"	10.0		130	51-150		15.0	30	
Benzene	11.1		"	10.0		111	85-126		4.50	30	
Bromobenzene	10.6		"	10.0		106	78-129		5.69	30	
Bromochloromethane	12.0		"	10.0		120	77-128		6.09	30	
Bromodichloromethane	10.7		"	10.0		107	79-128		0.280	30	
Bromoform	9.26		"	10.0		92.6	78-133		13.6	30	
Bromomethane	7.55		"	10.0		75.5	43-168		14.7	30	
Carbon disulfide	11.1		"	10.0		111	68-146		8.96	30	
Carbon tetrachloride	10.9		"	10.0		109	77-141		6.55	30	
Chlorobenzene	10.1		"	10.0		101	88-120		5.13	30	
Chloroethane	7.10		"	10.0		71.0	65-136		11.8	30	
Chloroform	10.8		"	10.0		108	82-128		2.30	30	
Chloromethane	6.35		"	10.0		63.5	43-155		15.5	30	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129		3.41	30	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131		1.17	30	
Cyclohexane	5.78		"	10.0		57.8	63-149	Low Bias	5.39	30	
Dibromochloromethane	10.9		"	10.0		109	80-130		7.81	30	
Dibromomethane	10.4		"	10.0		104	72-134		6.55	30	
Dichlorodifluoromethane	4.41		"	10.0		44.1	44-144		9.30	30	
Diisopropyl ether (DIPE)	12.4		"	10.0		124	70-130		8.08	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51092 - EPA 5030B											
LCS Dup (BE51092-BSD1)								Prepared & Analyzed: 05/13/2025			
Ethyl Benzene	10.4		ug/L	10.0		104	80-131		9.55	30	
Ethyl tert-butyl ether (ETBE)	12.1		"	10.0		121	70-130		15.0	30	
Hexachlorobutadiene	8.08		"	10.0		80.8	67-146		1.23	30	
Iodomethane	10.4		"	10.0		104	70-130		14.1	30	
Isopropylbenzene	9.96		"	10.0		99.6	76-140		18.3	30	
Methyl acetate	8.41		"	10.0		84.1	51-139		17.2	30	
Methyl Methacrylate	11.3		"	10.0		113	72-132		16.7	30	
Methyl tert-butyl ether (MTBE)	11.6		"	10.0		116	76-135		18.4	30	
Methylcyclohexane	9.69		"	10.0		96.9	72-143		10.4	30	
Methylene chloride	11.4		"	10.0		114	55-137		1.33	30	
Naphthalene	8.93		"	10.0		89.3	70-147		25.9	30	
n-Butylbenzene	10.2		"	10.0		102	79-132		14.6	30	
n-Propylbenzene	10.2		"	10.0		102	78-133		17.0	30	
o-Xylene	10.5		"	10.0		105	78-130		7.09	30	
p- & m- Xylenes	20.8		"	20.0		104	77-133		9.55	30	
p-Diethylbenzene	10.3		"	10.0		103	84-134		14.7	30	
p-Ethyltoluene	12.3		"	10.0		123	88-129		17.4	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		16.5	30	
sec-Butylbenzene	10.0		"	10.0		100	79-137		15.8	30	
Styrene	11.5		"	10.0		115	67-132		2.49	30	
tert-Amyl alcohol (TAA)	166		"	100		166	70-130	High Bias	40.9	30	Non-dir.
tert-Amyl methyl ether (TAME)	12.0		"	10.0		120	70-130		17.9	30	
tert-Butyl alcohol (TBA)	59.9		"	50.0		120	25-162		36.7	30	Non-dir.
tert-Butylbenzene	8.82		"	10.0		88.2	77-138		16.7	30	
Tetrachloroethylene	8.73		"	10.0		87.3	82-131		11.4	30	
Tetrahydrofuran	12.0		"	10.0		120	36-166		20.8	30	
Toluene	9.58		"	10.0		95.8	80-127		9.07	30	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132		6.65	30	
trans-1,3-Dichloropropylene	11.0		"	10.0		110	78-131		6.79	30	
trans-1,4-dichloro-2-butene	11.5		"	10.0		115	63-141		11.8	30	
Trichloroethylene	9.64		"	10.0		96.4	82-128		11.2	30	
Trichlorofluoromethane	7.30		"	10.0		73.0	67-139		10.3	30	
Vinyl acetate	9.88		"	10.0		98.8	21-90	High Bias	17.0	30	
Vinyl Chloride	6.38		"	10.0		63.8	58-145		12.1	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.2*		*"*	*10.0*		*112*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BE50953 - EPA 3550C

Blank (BE50953-BLK1) Prepared: 05/13/2025 Analyzed: 05/14/2025

1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50953 - EPA 3550C											
Blank (BE50953-BLK1)											
Prepared: 05/13/2025 Analyzed: 05/14/2025											
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.52*		"	*1.66*		*91.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.14*		"	*1.66*		*68.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.628*		"	*0.831*		*75.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.697*		"	*0.831*		*84.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.98*		"	*1.66*		*119*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.857*		"	*0.831*		*103*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50953 - EPA 3550C											
LCS (BE50953-BS1)								Prepared: 05/13/2025 Analyzed: 05/14/2025			
1,1-Biphenyl	0.557	0.0416	mg/kg wet	0.831		67.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.486	0.0830	"	0.831		58.6	21-131				
1,2,4-Trichlorobenzene	0.641	0.0416	"	0.831		77.2	10-140				
1,2-Dichlorobenzene	0.550	0.0416	"	0.831		66.3	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.464	0.0416	"	0.831		55.8	17-137				
1,3-Dichlorobenzene	0.565	0.0416	"	0.831		68.0	33-110				
1,4-Dichlorobenzene	0.563	0.0416	"	0.831		67.8	32-104				
2,3,4,6-Tetrachlorophenol	0.600	0.0830	"	0.831		72.2	30-130				
2,4,5-Trichlorophenol	0.571	0.0416	"	0.831		68.8	27-118				
2,4,6-Trichlorophenol	0.660	0.0416	"	0.831		79.4	31-120				
2,4-Dichlorophenol	0.643	0.0416	"	0.831		77.4	20-127				
2,4-Dimethylphenol	0.564	0.0416	"	0.831		68.0	14-132				
2,4-Dinitrophenol	0.0904	0.0830	"	0.831		10.9	10-171				
2,4-Dinitrotoluene	0.533	0.0416	"	0.831		64.2	34-131				
2,6-Dinitrotoluene	0.555	0.0416	"	0.831		66.8	31-128				
2-Chloronaphthalene	0.556	0.0416	"	0.831		67.0	31-117				
2-Chlorophenol	0.593	0.0416	"	0.831		71.4	33-113				
2-Methylnaphthalene	0.544	0.0416	"	0.831		65.5	12-138				
2-Methylphenol	0.576	0.0416	"	0.831		69.3	10-136				
2-Nitroaniline	0.588	0.0830	"	0.831		70.8	27-132				
2-Nitrophenol	0.616	0.0416	"	0.831		74.1	17-129				
3- & 4-Methylphenols	0.500	0.0416	"	0.831		60.2	29-103				
3,3-Dichlorobenzidine	1.21	0.0416	"	0.831		145	22-149				
3-Nitroaniline	0.588	0.0830	"	0.831		70.8	20-133				
4,6-Dinitro-2-methylphenol	0.155	0.0830	"	0.831		18.7	10-143				
4-Bromophenyl phenyl ether	0.642	0.0416	"	0.831		77.3	29-120				
4-Chloro-3-methylphenol	0.615	0.0416	"	0.831		74.1	24-129				
4-Chloroaniline	0.474	0.0416	"	0.831		57.1	10-132				
4-Chlorophenyl phenyl ether	0.572	0.0416	"	0.831		68.9	27-124				
4-Nitroaniline	ND	0.0830	"	0.831			16-128	Low Bias			
4-Nitrophenol	0.328	0.0830	"	0.831		39.4	10-141				
Acenaphthene	0.506	0.0416	"	0.831		60.9	30-121				
Acenaphthylene	0.560	0.0416	"	0.831		67.4	30-115				
Acetophenone	0.436	0.0416	"	0.831		52.5	20-112				
Aniline	0.551	0.166	"	0.831		66.4	10-119				
Anthracene	0.572	0.0416	"	0.831		68.8	34-118				
Atrazine	0.457	0.0416	"	0.831		55.0	26-112				
Benzaldehyde	0.456	0.0416	"	0.831		55.0	21-100				
Benzo(a)anthracene	0.601	0.0416	"	0.831		72.4	32-122				
Benzo(a)pyrene	0.578	0.0416	"	0.831		69.6	29-133				
Benzo(b)fluoranthene	0.579	0.0416	"	0.831		69.7	25-133				
Benzo(g,h,i)perylene	0.618	0.0416	"	0.831		74.4	10-143				
Benzo(k)fluoranthene	0.659	0.0416	"	0.831		79.4	25-128				
Benzoic acid	0.314	0.0416	"	0.831		37.8	10-140				
Benzyl alcohol	0.563	0.0416	"	0.831		67.8	30-115				
Benzyl butyl phthalate	0.598	0.0416	"	0.831		72.0	26-126				
Bis(2-chloroethoxy)methane	0.556	0.0416	"	0.831		67.0	19-132				
Bis(2-chloroethyl)ether	0.508	0.0416	"	0.831		61.2	19-125				
Bis(2-chloroisopropyl)ether	0.441	0.0416	"	0.831		53.1	20-135				
Bis(2-ethylhexyl)phthalate	0.646	0.0416	"	0.831		77.7	10-155				
Caprolactam	0.489	0.0830	"	0.831		58.8	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50953 - EPA 3550C											
LCS (BE50953-BS1)									Prepared: 05/13/2025 Analyzed: 05/14/2025		
Carbazole	0.520	0.0416	mg/kg wet	0.831		62.6	35-123				
Chrysene	0.578	0.0416	"	0.831		69.6	32-123				
Dibenzo(a,h)anthracene	0.586	0.0416	"	0.831		70.6	10-136				
Dibenzofuran	0.553	0.0416	"	0.831		66.6	29-121				
Diethyl phthalate	0.534	0.0416	"	0.831		64.2	34-116				
Dimethyl phthalate	0.554	0.0416	"	0.831		66.8	35-124				
Di-n-butyl phthalate	0.566	0.0416	"	0.831		68.1	31-116				
Di-n-octyl phthalate	0.726	0.0416	"	0.831		87.4	26-136				
Fluoranthene	0.611	0.0416	"	0.831		73.6	33-122				
Fluorene	0.570	0.0416	"	0.831		68.6	29-123				
Hexachlorobenzene	0.531	0.0416	"	0.831		63.9	21-124				
Hexachlorobutadiene	0.675	0.0416	"	0.831		81.3	10-149				
Hexachlorocyclopentadiene	0.143	0.0416	"	0.831		17.2	10-129				
Hexachloroethane	0.449	0.0416	"	0.831		54.0	28-108				
Indeno(1,2,3-cd)pyrene	0.799	0.0416	"	0.831		96.2	10-135				
Isophorone	0.541	0.0416	"	0.831		65.1	20-132				
Naphthalene	0.576	0.0416	"	0.831		69.3	23-124				
Nitrobenzene	0.516	0.0416	"	0.831		62.1	13-132				
N-Nitrosodimethylamine	0.621	0.0416	"	0.831		74.8	11-129				
N-nitroso-di-n-propylamine	0.472	0.0416	"	0.831		56.8	24-119				
N-Nitrosodiphenylamine	0.634	0.0416	"	0.831		76.4	22-152				
Pentachlorophenol	0.494	0.0416	"	0.831		59.5	10-139				
Phenanthrene	0.567	0.0416	"	0.831		68.3	33-123				
Phenol	0.582	0.0416	"	0.831		70.0	23-115				
Pyrene	0.611	0.0416	"	0.831		73.5	24-130				
Pyridine	0.526	0.166	"	0.831		63.3	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.38*		"	*1.66*		*83.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.04*		"	*1.66*		*62.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.543*		"	*0.831*		*65.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.595*		"	*0.831*		*71.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.69*		"	*1.66*		*101*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.654*		"	*0.831*		*78.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50953 - EPA 3550C											
Matrix Spike (BE50953-MS1)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared: 05/13/2025 Analyzed: 05/15/2025			
1,1-Biphenyl	0.587	0.0862	mg/kg dry	0.862	ND	68.2	10-130				
1,2,4,5-Tetrachlorobenzene	0.512	0.172	"	0.862	ND	59.4	10-133				
1,2,4-Trichlorobenzene	0.483	0.0862	"	0.862	ND	56.1	10-127				
1,2-Dichlorobenzene	0.516	0.0862	"	0.862	ND	59.9	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.531	0.0862	"	0.862	ND	61.6	10-144				
1,3-Dichlorobenzene	0.505	0.0862	"	0.862	ND	58.6	11-111				
1,4-Dichlorobenzene	0.512	0.0862	"	0.862	ND	59.4	10-106				
2,3,4,6-Tetrachlorophenol	0.452	0.172	"	0.862	ND	52.4	30-130				
2,4,5-Trichlorophenol	0.489	0.0862	"	0.862	ND	56.8	10-127				
2,4,6-Trichlorophenol	0.538	0.0862	"	0.862	ND	62.4	10-132				
2,4-Dichlorophenol	0.503	0.0862	"	0.862	ND	58.3	10-128				
2,4-Dimethylphenol	0.589	0.0862	"	0.862	ND	68.3	10-137				
2,4-Dinitrophenol	ND	0.172	"	0.862	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.379	0.0862	"	0.862	ND	44.0	16-135				
2,6-Dinitrotoluene	0.463	0.0862	"	0.862	ND	53.7	18-131				
2-Chloronaphthalene	0.595	0.0862	"	0.862	ND	69.0	10-129				
2-Chlorophenol	0.562	0.0862	"	0.862	ND	65.2	15-116				
2-Methylnaphthalene	0.438	0.0862	"	0.862	ND	50.8	10-147				
2-Methylphenol	0.508	0.0862	"	0.862	ND	59.0	10-136				
2-Nitroaniline	0.623	0.172	"	0.862	ND	72.3	10-137				
2-Nitrophenol	0.288	0.0862	"	0.862	ND	33.4	10-129				
3- & 4-Methylphenols	0.456	0.0862	"	0.862	ND	52.9	10-123				
3,3-Dichlorobenzidine	0.330	0.0862	"	0.862	ND	38.3	10-155				
3-Nitroaniline	0.616	0.172	"	0.862	ND	71.5	12-133				
4,6-Dinitro-2-methylphenol	ND	0.172	"	0.862	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.634	0.0862	"	0.862	ND	73.5	14-128				
4-Chloro-3-methylphenol	0.447	0.0862	"	0.862	ND	51.9	10-134				
4-Chloroaniline	0.485	0.0862	"	0.862	ND	56.2	10-145				
4-Chlorophenyl phenyl ether	0.452	0.0862	"	0.862	ND	52.5	14-130				
4-Nitroaniline	0.604	0.172	"	0.862	ND	70.1	10-147				
4-Nitrophenol	0.288	0.172	"	0.862	ND	33.4	10-137				
Acenaphthene	0.494	0.0862	"	0.862	ND	57.3	10-146				
Acenaphthylene	0.603	0.0862	"	0.862	ND	70.0	10-134				
Acetophenone	0.493	0.0862	"	0.862	ND	57.2	10-116				
Aniline	0.428	0.345	"	0.862	ND	49.7	10-123				
Anthracene	0.595	0.0862	"	0.862	ND	69.0	10-142				
Atrazine	0.529	0.0862	"	0.862	ND	61.4	19-115				
Benzaldehyde	0.480	0.0862	"	0.862	ND	55.7	10-125				
Benzo(a)anthracene	0.569	0.0862	"	0.862	0.0948	55.0	10-158				
Benzo(a)pyrene	0.791	0.0862	"	0.862	0.0996	80.2	10-180				
Benzo(b)fluoranthene	0.747	0.0862	"	0.862	0.129	71.7	10-200				
Benzo(g,h,i)perylene	0.768	0.0862	"	0.862	0.0639	81.7	10-138				
Benzo(k)fluoranthene	0.728	0.0862	"	0.862	0.0515	78.5	10-197				
Benzoic acid	0.172	0.0862	"	0.862	ND	20.0	10-166				
Benzyl alcohol	0.523	0.0862	"	0.862	ND	60.7	12-124				
Benzyl butyl phthalate	0.595	0.0862	"	0.862	ND	69.0	10-154				
Bis(2-chloroethoxy)methane	0.456	0.0862	"	0.862	ND	53.0	10-132				
Bis(2-chloroethyl)ether	0.456	0.0862	"	0.862	ND	53.0	10-119				
Bis(2-chloroisopropyl)ether	0.587	0.0862	"	0.862	ND	68.2	10-139				
Bis(2-ethylhexyl)phthalate	0.674	0.0862	"	0.862	ND	78.2	10-167				
Caprolactam	0.484	0.172	"	0.862	ND	56.2	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50953 - EPA 3550C											
Matrix Spike (BE50953-MS1)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared: 05/13/2025 Analyzed: 05/15/2025			
Carbazole	0.598	0.0862	mg/kg dry	0.862	ND	69.4	10-167				
Chrysene	0.569	0.0862	"	0.862	0.0996	54.4	10-156				
Dibenzo(a,h)anthracene	0.719	0.0862	"	0.862	ND	83.4	10-137				
Dibenzofuran	0.523	0.0862	"	0.862	ND	60.7	10-147				
Diethyl phthalate	0.509	0.0862	"	0.862	ND	59.1	20-120				
Dimethyl phthalate	0.591	0.0862	"	0.862	ND	68.6	18-131				
Di-n-butyl phthalate	0.631	0.0862	"	0.862	ND	73.2	10-137				
Di-n-octyl phthalate	0.709	0.0862	"	0.862	ND	82.2	10-180				
Fluoranthene	0.512	0.0862	"	0.862	0.217	34.2	10-160				
Fluorene	0.486	0.0862	"	0.862	ND	56.4	10-157				
Hexachlorobenzene	0.565	0.0862	"	0.862	ND	65.6	10-137				
Hexachlorobutadiene	0.386	0.0862	"	0.862	ND	44.8	10-132				
Hexachlorocyclopentadiene	ND	0.0862	"	0.862	ND		10-106	Low Bias			
Hexachloroethane	0.383	0.0862	"	0.862	ND	44.5	10-110				
Indeno(1,2,3-cd)pyrene	0.757	0.0862	"	0.862	0.0818	78.4	10-144				
Isophorone	0.401	0.0862	"	0.862	ND	46.5	10-132				
Naphthalene	0.547	0.0862	"	0.862	ND	63.4	10-141				
Nitrobenzene	0.334	0.0862	"	0.862	ND	38.7	10-131				
N-Nitrosodimethylamine	0.308	0.0862	"	0.862	ND	35.8	10-126				
N-nitroso-di-n-propylamine	0.362	0.0862	"	0.862	ND	42.0	10-125				
N-Nitrosodiphenylamine	0.805	0.0862	"	0.862	ND	93.4	10-177				
Pentachlorophenol	0.508	0.0862	"	0.862	ND	59.0	10-153				
Phenanthrene	0.586	0.0862	"	0.862	0.180	47.1	10-148				
Phenol	0.461	0.0862	"	0.862	ND	53.5	10-126				
Pyrene	0.500	0.0862	"	0.862	0.255	28.5	10-165				
Pyridine	0.259	0.345	"	0.862	ND	30.0	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.01*		"	*1.72*		*58.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.872*		"	*1.72*		*50.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.362*		"	*0.862*		*42.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.583*		"	*0.862*		*67.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.55*		"	*1.72*		*90.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.468*		"	*0.862*		*54.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50953 - EPA 3550C											
Matrix Spike Dup (BE50953-MSD1)	*Source sample: 25E0288-04 (25SB-1 (0-2))								Prepared: 05/13/2025 Analyzed: 05/15/2025		
1,1-Biphenyl	0.536	0.0862	mg/kg dry	0.862	ND	62.2	10-130		9.21	30	
1,2,4,5-Tetrachlorobenzene	0.446	0.172	"	0.862	ND	51.8	10-133		13.7	30	
1,2,4-Trichlorobenzene	0.463	0.0862	"	0.862	ND	53.7	10-127		4.37	30	
1,2-Dichlorobenzene	0.496	0.0862	"	0.862	ND	57.5	14-111		4.09	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.427	0.0862	"	0.862	ND	49.5	10-144		21.7	30	
1,3-Dichlorobenzene	0.480	0.0862	"	0.862	ND	55.8	11-111		4.90	30	
1,4-Dichlorobenzene	0.487	0.0862	"	0.862	ND	56.5	10-106		5.11	30	
2,3,4,6-Tetrachlorophenol	0.583	0.172	"	0.862	ND	67.7	30-130		25.4	30	
2,4,5-Trichlorophenol	0.470	0.0862	"	0.862	ND	54.6	10-127		4.02	30	
2,4,6-Trichlorophenol	0.516	0.0862	"	0.862	ND	59.9	10-132		4.05	30	
2,4-Dichlorophenol	0.505	0.0862	"	0.862	ND	58.6	10-128		0.547	30	
2,4-Dimethylphenol	0.550	0.0862	"	0.862	ND	63.8	10-137		6.78	30	
2,4-Dinitrophenol	ND	0.172	"	0.862	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.365	0.0862	"	0.862	ND	42.3	16-135		3.89	30	
2,6-Dinitrotoluene	0.424	0.0862	"	0.862	ND	49.2	18-131		8.71	30	
2-Chloronaphthalene	0.537	0.0862	"	0.862	ND	62.3	10-129		10.2	30	
2-Chlorophenol	0.517	0.0862	"	0.862	ND	60.0	15-116		8.31	30	
2-Methylnaphthalene	0.436	0.0862	"	0.862	ND	50.6	10-147		0.474	30	
2-Methylphenol	0.492	0.0862	"	0.862	ND	57.0	10-136		3.31	30	
2-Nitroaniline	0.569	0.172	"	0.862	ND	66.1	10-137		9.02	30	
2-Nitrophenol	0.274	0.0862	"	0.862	ND	31.8	10-129		5.15	30	
3- & 4-Methylphenols	0.436	0.0862	"	0.862	ND	50.6	10-123		4.49	30	
3,3-Dichlorobenzidine	0.389	0.0862	"	0.862	ND	45.2	10-155		16.5	30	
3-Nitroaniline	0.616	0.172	"	0.862	ND	71.4	12-133		0.112	30	
4,6-Dinitro-2-methylphenol	ND	0.172	"	0.862	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.531	0.0862	"	0.862	ND	61.7	14-128		17.5	30	
4-Chloro-3-methylphenol	0.475	0.0862	"	0.862	ND	55.1	10-134		5.98	30	
4-Chloroaniline	0.511	0.0862	"	0.862	ND	59.3	10-145		5.26	30	
4-Chlorophenyl phenyl ether	0.454	0.0862	"	0.862	ND	52.6	14-130		0.304	30	
4-Nitroaniline	0.552	0.172	"	0.862	ND	64.1	10-147		8.94	30	
4-Nitrophenol	0.296	0.172	"	0.862	ND	34.4	10-137		2.83	30	
Acenaphthene	0.475	0.0862	"	0.862	ND	55.1	10-146		3.84	30	
Acenaphthylene	0.567	0.0862	"	0.862	ND	65.8	10-134		6.12	30	
Acetophenone	0.453	0.0862	"	0.862	ND	52.6	10-116		8.45	30	
Aniline	0.407	0.345	"	0.862	ND	47.2	10-123		5.12	30	
Anthracene	0.585	0.0862	"	0.862	ND	67.9	10-142		1.64	30	
Atrazine	0.483	0.0862	"	0.862	ND	56.0	19-115		9.26	30	
Benzaldehyde	0.472	0.0862	"	0.862	ND	54.7	10-125		1.74	30	
Benzo(a)anthracene	0.575	0.0862	"	0.862	0.0948	55.7	10-158		1.08	30	
Benzo(a)pyrene	0.754	0.0862	"	0.862	0.0996	76.0	10-180		4.73	30	
Benzo(b)fluoranthene	0.709	0.0862	"	0.862	0.129	67.3	10-200		5.21	30	
Benzo(g,h,i)perylene	0.758	0.0862	"	0.862	0.0639	80.6	10-138		1.26	30	
Benzo(k)fluoranthene	0.697	0.0862	"	0.862	0.0515	74.9	10-197		4.35	30	
Benzoic acid	0.185	0.0862	"	0.862	ND	21.4	10-166		6.95	30	
Benzyl alcohol	0.485	0.0862	"	0.862	ND	56.2	12-124		7.66	30	
Benzyl butyl phthalate	0.563	0.0862	"	0.862	ND	65.4	10-154		5.48	30	
Bis(2-chloroethoxy)methane	0.448	0.0862	"	0.862	ND	52.0	10-132		1.83	30	
Bis(2-chloroethyl)ether	0.434	0.0862	"	0.862	ND	50.4	10-119		4.95	30	
Bis(2-chloroisopropyl)ether	0.551	0.0862	"	0.862	ND	64.0	10-139		6.30	30	
Bis(2-ethylhexyl)phthalate	0.618	0.0862	"	0.862	ND	71.8	10-167		8.54	30	
Caprolactam	0.496	0.172	"	0.862	ND	57.5	10-132		2.39	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50953 - EPA 3550C											
Matrix Spike Dup (BE50953-MSD1)	*Source sample: 25E0288-04 (25SB-1 (0-2))								Prepared: 05/13/2025 Analyzed: 05/15/2025		
Carbazole	0.616	0.0862	mg/kg dry	0.862	ND	71.4	10-167		2.84	30	
Chrysene	0.576	0.0862	"	0.862	0.0996	55.3	10-156		1.32	30	
Dibenzo(a,h)anthracene	0.690	0.0862	"	0.862	ND	80.1	10-137		4.11	30	
Dibenzofuran	0.523	0.0862	"	0.862	ND	60.7	10-147		0.00	30	
Diethyl phthalate	0.507	0.0862	"	0.862	ND	58.8	20-120		0.543	30	
Dimethyl phthalate	0.556	0.0862	"	0.862	ND	64.6	18-131		6.13	30	
Di-n-butyl phthalate	0.591	0.0862	"	0.862	ND	68.6	10-137		6.43	30	
Di-n-octyl phthalate	0.698	0.0862	"	0.862	ND	81.0	10-180		1.57	30	
Fluoranthene	0.500	0.0862	"	0.862	0.217	32.9	10-160		2.31	30	
Fluorene	0.509	0.0862	"	0.862	ND	59.1	10-157		4.71	30	
Hexachlorobenzene	0.484	0.0862	"	0.862	ND	56.2	10-137		15.5	30	
Hexachlorobutadiene	0.370	0.0862	"	0.862	ND	43.0	10-132		4.19	30	
Hexachlorocyclopentadiene	ND	0.0862	"	0.862	ND		10-106	Low Bias		30	
Hexachloroethane	0.361	0.0862	"	0.862	ND	41.9	10-110		5.93	30	
Indeno(1,2,3-cd)pyrene	0.719	0.0862	"	0.862	0.0818	74.0	10-144		5.14	30	
Isophorone	0.387	0.0862	"	0.862	ND	44.9	10-132		3.50	30	
Naphthalene	0.531	0.0862	"	0.862	ND	61.6	10-141		2.94	30	
Nitrobenzene	0.324	0.0862	"	0.862	ND	37.6	10-131		2.94	30	
N-Nitrosodimethylamine	0.314	0.0862	"	0.862	ND	36.4	10-126		1.77	30	
N-nitroso-di-n-propylamine	0.330	0.0862	"	0.862	ND	38.3	10-125		9.16	30	
N-Nitrosodiphenylamine	0.679	0.0862	"	0.862	ND	78.8	10-177		17.0	30	
Pentachlorophenol	0.455	0.0862	"	0.862	ND	52.8	10-153		11.0	30	
Phenanthrene	0.589	0.0862	"	0.862	0.180	47.5	10-148		0.587	30	
Phenol	0.440	0.0862	"	0.862	ND	51.1	10-126		4.59	30	
Pyrene	0.521	0.0862	"	0.862	0.255	30.9	10-165		4.05	30	
Pyridine	0.269	0.345	"	0.862	ND	31.2	10-83		3.92	30	
Surrogate: SURR: 2-Fluorophenol	*0.958*		"	*1.72*		*55.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.821*		"	*1.72*		*47.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.345*		"	*0.862*		*40.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.509*		"	*0.862*		*59.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.52*		"	*1.72*		*88.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.434*		"	*0.862*		*50.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50975 - EPA 3550C											
Blank (BE50975-BLK1)											
Prepared: 05/13/2025 Analyzed: 05/14/2025											
1,1-Biphenyl	ND	0.0414	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0827	"								
1,2,4-Trichlorobenzene	ND	0.0414	"								
1,2-Dichlorobenzene	ND	0.0414	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0414	"								
1,3-Dichlorobenzene	ND	0.0414	"								
1,4-Dichlorobenzene	ND	0.0414	"								
2,3,4,6-Tetrachlorophenol	ND	0.0827	"								
2,4,5-Trichlorophenol	ND	0.0414	"								
2,4,6-Trichlorophenol	ND	0.0414	"								
2,4-Dichlorophenol	ND	0.0414	"								
2,4-Dimethylphenol	ND	0.0414	"								
2,4-Dinitrophenol	ND	0.0827	"								
2,4-Dinitrotoluene	0.455	0.0414	"								
2,6-Dinitrotoluene	0.649	0.0414	"								
2-Chloronaphthalene	ND	0.0414	"								
2-Chlorophenol	ND	0.0414	"								
2-Methylnaphthalene	ND	0.0414	"								
2-Methylphenol	ND	0.0414	"								
2-Nitroaniline	ND	0.0827	"								
2-Nitrophenol	ND	0.0414	"								
3- & 4-Methylphenols	ND	0.0414	"								
3,3-Dichlorobenzidine	ND	0.0414	"								
3-Nitroaniline	ND	0.0827	"								
4,6-Dinitro-2-methylphenol	ND	0.0827	"								
4-Bromophenyl phenyl ether	ND	0.0414	"								
4-Chloro-3-methylphenol	ND	0.0414	"								
4-Chloroaniline	ND	0.0414	"								
4-Chlorophenyl phenyl ether	ND	0.0414	"								
4-Nitroaniline	ND	0.0827	"								
4-Nitrophenol	ND	0.0827	"								
Acenaphthene	ND	0.0414	"								
Acenaphthylene	ND	0.0414	"								
Acetophenone	ND	0.0414	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0414	"								
Atrazine	ND	0.0414	"								
Benzaldehyde	ND	0.0414	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0414	"								
Benzo(a)pyrene	ND	0.0414	"								
Benzo(b)fluoranthene	ND	0.0414	"								
Benzo(g,h,i)perylene	ND	0.0414	"								
Benzo(k)fluoranthene	ND	0.0414	"								
Benzoic acid	ND	0.0414	"								
Benzyl alcohol	ND	0.0414	"								
Benzyl butyl phthalate	ND	0.0414	"								
Bis(2-chloroethoxy)methane	ND	0.0414	"								
Bis(2-chloroethyl)ether	ND	0.0414	"								
Bis(2-chloroisopropyl)ether	ND	0.0414	"								
Bis(2-ethylhexyl)phthalate	ND	0.0414	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50975 - EPA 3550C											
Blank (BE50975-BLK1)											Prepared: 05/13/2025 Analyzed: 05/14/2025
Caprolactam	ND	0.0827	mg/kg wet								
Carbazole	ND	0.0414	"								
Chrysene	ND	0.0414	"								
Dibenzo(a,h)anthracene	ND	0.0414	"								
Dibenzofuran	ND	0.0414	"								
Diethyl phthalate	ND	0.0414	"								
Dimethyl phthalate	0.176	0.0414	"								
Di-n-butyl phthalate	ND	0.0414	"								
Di-n-octyl phthalate	ND	0.0414	"								
Fluoranthene	ND	0.0414	"								
Fluorene	ND	0.0414	"								
Hexachlorobenzene	0.0361	0.0414	"								
Hexachlorobutadiene	ND	0.0414	"								
Hexachlorocyclopentadiene	ND	0.0414	"								
Hexachloroethane	0.415	0.0414	"								
Indeno(1,2,3-cd)pyrene	ND	0.0414	"								
Isophorone	0.125	0.0414	"								
Naphthalene	ND	0.0414	"								
Nitrobenzene	0.0354	0.0414	"								
N-Nitrosodimethylamine	ND	0.0414	"								
N-nitroso-di-n-propylamine	0.0384	0.0414	"								
N-Nitrosodiphenylamine	ND	0.0414	"								
Pentachlorophenol	ND	0.0414	"								
Phenanthrene	ND	0.0414	"								
Phenol	ND	0.0414	"								
Pyrene	ND	0.0414	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.532*		"	*1.66*		*32.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.400*		"	*1.66*		*24.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.235*		"	*0.828*		*28.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.246*		"	*0.828*		*29.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.651*		"	*1.66*		*39.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.255*		"	*0.828*		*30.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE50975 - EPA 3550C

LCS (BE50975-BS1) Prepared: 05/13/2025 Analyzed: 05/14/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.320	0.0414	mg/kg wet	0.828		38.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.272	0.0827	"	0.828		32.8	21-131				
1,2,4-Trichlorobenzene	0.365	0.0414	"	0.828		44.1	10-140				
1,2-Dichlorobenzene	0.308	0.0414	"	0.828		37.2	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.289	0.0414	"	0.828		34.9	17-137				
1,3-Dichlorobenzene	0.313	0.0414	"	0.828		37.8	33-110				
1,4-Dichlorobenzene	0.317	0.0414	"	0.828		38.3	32-104				
2,3,4,6-Tetrachlorophenol	0.385	0.0827	"	0.828		46.6	30-130				
2,4,5-Trichlorophenol	0.317	0.0414	"	0.828		38.2	27-118				
2,4,6-Trichlorophenol	0.365	0.0414	"	0.828		44.1	31-120				
2,4-Dichlorophenol	0.351	0.0414	"	0.828		42.4	20-127				
2,4-Dimethylphenol	0.343	0.0414	"	0.828		41.4	14-132				
2,4-Dinitrophenol	0.238	0.0827	"	0.828		28.7	10-171				
2,4-Dinitrotoluene	0.349	0.0414	"	0.828		42.2	34-131				
2,6-Dinitrotoluene	0.361	0.0414	"	0.828		43.6	31-128				
2-Chloronaphthalene	0.320	0.0414	"	0.828		38.6	31-117				
2-Chlorophenol	0.332	0.0414	"	0.828		40.2	33-113				
2-Methylnaphthalene	0.311	0.0414	"	0.828		37.6	12-138				
2-Methylphenol	0.323	0.0414	"	0.828		39.0	10-136				
2-Nitroaniline	0.341	0.0827	"	0.828		41.2	27-132				
2-Nitrophenol	0.399	0.0414	"	0.828		48.2	17-129				
3- & 4-Methylphenols	0.285	0.0414	"	0.828		34.4	29-103				
3,3-Dichlorobenzidine	0.604	0.0414	"	0.828		72.9	22-149				
3-Nitroaniline	0.341	0.0827	"	0.828		41.2	20-133				
4,6-Dinitro-2-methylphenol	0.435	0.0827	"	0.828		52.6	10-143				
4-Bromophenyl phenyl ether	0.391	0.0414	"	0.828		47.2	29-120				
4-Chloro-3-methylphenol	0.364	0.0414	"	0.828		44.0	24-129				
4-Chloroaniline	0.286	0.0414	"	0.828		34.5	10-132				
4-Chlorophenyl phenyl ether	0.346	0.0414	"	0.828		41.8	27-124				
4-Nitroaniline	0.244	0.0827	"	0.828		29.4	16-128				
4-Nitrophenol	0.167	0.0827	"	0.828		20.1	10-141				
Acenaphthene	0.298	0.0414	"	0.828		36.0	30-121				
Acenaphthylene	0.328	0.0414	"	0.828		39.7	30-115				
Acetophenone	0.239	0.0414	"	0.828		28.8	20-112				
Aniline	0.316	0.166	"	0.828		38.2	10-119				
Anthracene	0.350	0.0414	"	0.828		42.2	34-118				
Atrazine	0.290	0.0414	"	0.828		35.0	26-112				
Benzaldehyde	0.252	0.0414	"	0.828		30.4	21-100				
Benzo(a)anthracene	0.370	0.0414	"	0.828		44.7	32-122				
Benzo(a)pyrene	0.417	0.0414	"	0.828		50.4	29-133				
Benzo(b)fluoranthene	0.404	0.0414	"	0.828		48.8	25-133				
Benzo(g,h,i)perylene	0.432	0.0414	"	0.828		52.2	10-143				
Benzo(k)fluoranthene	0.434	0.0414	"	0.828		52.4	25-128				
Benzoic acid	0.104	0.0414	"	0.828		12.6	10-140				
Benzyl alcohol	0.321	0.0414	"	0.828		38.8	30-115				
Benzyl butyl phthalate	0.337	0.0414	"	0.828		40.7	26-126				
Bis(2-chloroethoxy)methane	0.317	0.0414	"	0.828		38.3	19-132				
Bis(2-chloroethyl)ether	0.292	0.0414	"	0.828		35.3	19-125				
Bis(2-chloroisopropyl)ether	0.257	0.0414	"	0.828		31.0	20-135				
Bis(2-ethylhexyl)phthalate	0.406	0.0414	"	0.828		49.0	10-155				
Caprolactam	0.279	0.0827	"	0.828		33.7	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50975 - EPA 3550C											
LCS (BE50975-BS1)									Prepared: 05/13/2025 Analyzed: 05/14/2025		
Carbazole	0.295	0.0414	mg/kg wet	0.828		35.7	35-123				
Chrysene	0.363	0.0414	"	0.828		43.8	32-123				
Dibenzo(a,h)anthracene	0.375	0.0414	"	0.828		45.3	10-136				
Dibenzofuran	0.326	0.0414	"	0.828		39.4	29-121				
Diethyl phthalate	0.325	0.0414	"	0.828		39.3	34-116				
Dimethyl phthalate	0.331	0.0414	"	0.828		40.0	35-124				
Di-n-butyl phthalate	0.337	0.0414	"	0.828		40.7	31-116				
Di-n-octyl phthalate	0.462	0.0414	"	0.828		55.8	26-136				
Fluoranthene	0.325	0.0414	"	0.828		39.2	33-122				
Fluorene	0.328	0.0414	"	0.828		39.6	29-123				
Hexachlorobenzene	0.316	0.0414	"	0.828		38.1	21-124				
Hexachlorobutadiene	0.380	0.0414	"	0.828		46.0	10-149				
Hexachlorocyclopentadiene	0.236	0.0414	"	0.828		28.6	10-129				
Hexachloroethane	0.301	0.0414	"	0.828		36.4	28-108				
Indeno(1,2,3-cd)pyrene	0.396	0.0414	"	0.828		47.9	10-135				
Isophorone	0.308	0.0414	"	0.828		37.2	20-132				
Naphthalene	0.324	0.0414	"	0.828		39.1	23-124				
Nitrobenzene	0.301	0.0414	"	0.828		36.4	13-132				
N-Nitrosodimethylamine	0.340	0.0414	"	0.828		41.1	11-129				
N-nitroso-di-n-propylamine	0.283	0.0414	"	0.828		34.2	24-119				
N-Nitrosodiphenylamine	0.401	0.0414	"	0.828		48.5	22-152				
Pentachlorophenol	0.240	0.0414	"	0.828		29.0	10-139				
Phenanthrene	0.331	0.0414	"	0.828		40.0	33-123				
Phenol	0.330	0.0414	"	0.828		39.9	23-115				
Pyrene	0.332	0.0414	"	0.828		40.1	24-130				
Pyridine	0.302	0.166	"	0.828		36.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.548*		*"*	*1.66*		*33.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.446*		*"*	*1.66*		*26.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.238*		*"*	*0.828*		*28.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.246*		*"*	*0.828*		*29.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.702*		*"*	*1.66*		*42.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.271*		*"*	*0.828*		*32.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50975 - EPA 3550C											
Matrix Spike (BE50975-MS1)	*Source sample: 25E0288-18 (25SB-8 (0-2))							Prepared: 05/13/2025 Analyzed: 05/15/2025			
1,1-Biphenyl	0.319	0.0852	mg/kg dry	0.851	ND	37.5	10-130				
1,2,4,5-Tetrachlorobenzene	0.271	0.170	"	0.851	ND	31.8	10-133				
1,2,4-Trichlorobenzene	0.385	0.0852	"	0.851	ND	45.3	10-127				
1,2-Dichlorobenzene	0.336	0.0852	"	0.851	ND	39.4	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.256	0.0852	"	0.851	ND	30.1	10-144				
1,3-Dichlorobenzene	0.335	0.0852	"	0.851	ND	39.4	11-111				
1,4-Dichlorobenzene	0.341	0.0852	"	0.851	ND	40.1	10-106				
2,3,4,6-Tetrachlorophenol	0.315	0.170	"	0.851	ND	37.0	30-130				
2,4,5-Trichlorophenol	0.257	0.0852	"	0.851	ND	30.2	10-127				
2,4,6-Trichlorophenol	0.299	0.0852	"	0.851	ND	35.1	10-132				
2,4-Dichlorophenol	0.321	0.0852	"	0.851	ND	37.7	10-128				
2,4-Dimethylphenol	0.178	0.0852	"	0.851	ND	20.9	10-137				
2,4-Dinitrophenol	ND	0.170	"	0.851	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.312	0.0852	"	0.851	ND	36.6	16-135				
2,6-Dinitrotoluene	0.330	0.0852	"	0.851	ND	38.8	18-131				
2-Chloronaphthalene	0.302	0.0852	"	0.851	ND	35.4	10-129				
2-Chlorophenol	0.321	0.0852	"	0.851	ND	37.7	15-116				
2-Methylnaphthalene	0.317	0.0852	"	0.851	ND	37.2	10-147				
2-Methylphenol	0.275	0.0852	"	0.851	ND	32.3	10-136				
2-Nitroaniline	0.327	0.170	"	0.851	ND	38.4	10-137				
2-Nitrophenol	0.372	0.0852	"	0.851	ND	43.7	10-129				
3- & 4-Methylphenols	0.251	0.0852	"	0.851	ND	29.4	10-123				
3,3-Dichlorobenzidine	0.419	0.0852	"	0.851	ND	49.3	10-155				
3-Nitroaniline	0.327	0.170	"	0.851	ND	38.4	12-133				
4,6-Dinitro-2-methylphenol	ND	0.170	"	0.851	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.347	0.0852	"	0.851	ND	40.7	14-128				
4-Chloro-3-methylphenol	0.321	0.0852	"	0.851	ND	37.8	10-134				
4-Chloroaniline	0.272	0.0852	"	0.851	ND	31.9	10-145				
4-Chlorophenyl phenyl ether	0.325	0.0852	"	0.851	ND	38.2	14-130				
4-Nitroaniline	0.183	0.170	"	0.851	ND	21.5	10-147				
4-Nitrophenol	0.124	0.170	"	0.851	ND	14.6	10-137				
Acenaphthene	0.293	0.0852	"	0.851	ND	34.5	10-146				
Acenaphthylene	0.316	0.0852	"	0.851	ND	37.1	10-134				
Acetophenone	0.253	0.0852	"	0.851	ND	29.8	10-116				
Aniline	0.255	0.341	"	0.851	ND	29.9	10-123				
Anthracene	0.308	0.0852	"	0.851	ND	36.2	10-142				
Atrazine	0.263	0.0852	"	0.851	ND	31.0	19-115				
Benzaldehyde	0.280	0.0852	"	0.851	ND	32.9	10-125				
Benzo(a)anthracene	0.336	0.0852	"	0.851	ND	39.5	10-158				
Benzo(a)pyrene	0.304	0.0852	"	0.851	ND	35.7	10-180				
Benzo(b)fluoranthene	0.326	0.0852	"	0.851	ND	38.3	10-200				
Benzo(g,h,i)perylene	0.346	0.0852	"	0.851	ND	40.6	10-138				
Benzo(k)fluoranthene	0.336	0.0852	"	0.851	ND	39.5	10-197				
Benzoic acid	ND	0.0852	"	0.851	ND		10-166	Low Bias			
Benzyl alcohol	0.323	0.0852	"	0.851	ND	38.0	12-124				
Benzyl butyl phthalate	0.366	0.0852	"	0.851	ND	43.0	10-154				
Bis(2-chloroethoxy)methane	0.312	0.0852	"	0.851	ND	36.7	10-132				
Bis(2-chloroethyl)ether	0.309	0.0852	"	0.851	ND	36.3	10-119				
Bis(2-chloroisopropyl)ether	0.267	0.0852	"	0.851	ND	31.4	10-139				
Bis(2-ethylhexyl)phthalate	0.470	0.0852	"	0.851	0.161	36.3	10-167				
Caprolactam	0.291	0.170	"	0.851	ND	34.2	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50975 - EPA 3550C											
Matrix Spike (BE50975-MS1)	*Source sample: 25E0288-18 (25SB-8 (0-2))							Prepared: 05/13/2025 Analyzed: 05/15/2025			
Carbazole	0.261	0.0852	mg/kg dry	0.851	ND	30.6	10-167				
Chrysene	0.334	0.0852	"	0.851	ND	39.2	10-156				
Dibenzo(a,h)anthracene	0.274	0.0852	"	0.851	ND	32.2	10-137				
Dibenzofuran	0.313	0.0852	"	0.851	ND	36.8	10-147				
Diethyl phthalate	0.297	0.0852	"	0.851	ND	35.0	20-120				
Dimethyl phthalate	0.300	0.0852	"	0.851	ND	35.2	18-131				
Di-n-butyl phthalate	0.303	0.0852	"	0.851	ND	35.6	10-137				
Di-n-octyl phthalate	0.383	0.0852	"	0.851	ND	45.0	10-180				
Fluoranthene	0.314	0.0852	"	0.851	0.0430	31.8	10-160				
Fluorene	0.325	0.0852	"	0.851	ND	38.2	10-157				
Hexachlorobenzene	0.297	0.0852	"	0.851	ND	35.0	10-137				
Hexachlorobutadiene	0.395	0.0852	"	0.851	ND	46.4	10-132				
Hexachlorocyclopentadiene	0.0776	0.0852	"	0.851	ND	9.12	10-106	Low Bias			
Hexachloroethane	0.334	0.0852	"	0.851	ND	39.3	10-110				
Indeno(1,2,3-cd)pyrene	0.295	0.0852	"	0.851	ND	34.7	10-144				
Isophorone	0.304	0.0852	"	0.851	ND	35.7	10-132				
Naphthalene	0.338	0.0852	"	0.851	ND	39.8	10-141				
Nitrobenzene	0.323	0.0852	"	0.851	ND	37.9	10-131				
N-Nitrosodimethylamine	0.378	0.0852	"	0.851	ND	44.4	10-126				
N-nitroso-di-n-propylamine	0.281	0.0852	"	0.851	ND	33.0	10-125				
N-Nitrosodiphenylamine	0.331	0.0852	"	0.851	ND	38.9	10-177				
Pentachlorophenol	0.148	0.0852	"	0.851	ND	17.4	10-153				
Phenanthrene	0.327	0.0852	"	0.851	ND	38.4	10-148				
Phenol	0.323	0.0852	"	0.851	ND	37.9	10-126				
Pyrene	0.374	0.0852	"	0.851	ND	44.0	10-165				
Pyridine	0.287	0.341	"	0.851	ND	33.8	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.608*		"	*1.70*		*35.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.562*		"	*1.70*		*33.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.310*		"	*0.851*		*36.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.309*		"	*0.851*		*36.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.743*		"	*1.70*		*43.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.371*		"	*0.851*		*43.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE50975 - EPA 3550C

Matrix Spike Dup (BE50975-MSD1) *Source sample: 25E0288-18 (25SB-8 (0-2)) Prepared: 05/13/2025 Analyzed: 05/15/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.413	0.0852	mg/kg dry	0.851	ND	48.5	10-130		25.5	30	
1,2,4,5-Tetrachlorobenzene	0.364	0.170	"	0.851	ND	42.8	10-133		29.4	30	
1,2,4-Trichlorobenzene	0.483	0.0852	"	0.851	ND	56.8	10-127		22.6	30	
1,2-Dichlorobenzene	0.394	0.0852	"	0.851	ND	46.3	14-111		16.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.369	0.0852	"	0.851	ND	43.4	10-144		36.2	30	Non-dir.
1,3-Dichlorobenzene	0.399	0.0852	"	0.851	ND	46.9	11-111		17.4	30	
1,4-Dichlorobenzene	0.402	0.0852	"	0.851	ND	47.2	10-106		16.3	30	
2,3,4,6-Tetrachlorophenol	0.321	0.170	"	0.851	ND	37.8	30-130		2.14	30	
2,4,5-Trichlorophenol	0.329	0.0852	"	0.851	ND	38.7	10-127		24.6	30	
2,4,6-Trichlorophenol	0.380	0.0852	"	0.851	ND	44.6	10-132		23.9	30	
2,4-Dichlorophenol	0.430	0.0852	"	0.851	ND	50.6	10-128		29.2	30	
2,4-Dimethylphenol	0.192	0.0852	"	0.851	ND	22.6	10-137		7.73	30	
2,4-Dinitrophenol	ND	0.170	"	0.851	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.420	0.0852	"	0.851	ND	49.4	16-135		29.6	30	
2,6-Dinitrotoluene	0.467	0.0852	"	0.851	ND	54.9	18-131		34.3	30	Non-dir.
2-Chloronaphthalene	0.430	0.0852	"	0.851	ND	50.6	10-129		35.2	30	Non-dir.
2-Chlorophenol	0.364	0.0852	"	0.851	ND	42.7	15-116		12.5	30	
2-Methylnaphthalene	0.424	0.0852	"	0.851	ND	49.8	10-147		29.0	30	
2-Methylphenol	0.306	0.0852	"	0.851	ND	36.0	10-136		10.8	30	
2-Nitroaniline	0.427	0.170	"	0.851	ND	50.2	10-137		26.6	30	
2-Nitrophenol	0.436	0.0852	"	0.851	ND	51.3	10-129		16.0	30	
3- & 4-Methylphenols	0.269	0.0852	"	0.851	ND	31.6	10-123		7.08	30	
3,3-Dichlorobenzidine	0.601	0.0852	"	0.851	ND	70.6	10-155		35.6	30	Non-dir.
3-Nitroaniline	0.427	0.170	"	0.851	ND	50.2	12-133		26.6	30	
4,6-Dinitro-2-methylphenol	ND	0.170	"	0.851	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.464	0.0852	"	0.851	ND	54.6	14-128		29.1	30	
4-Chloro-3-methylphenol	0.438	0.0852	"	0.851	ND	51.4	10-134		30.7	30	Non-dir.
4-Chloroaniline	0.379	0.0852	"	0.851	ND	44.5	10-145		32.9	30	Non-dir.
4-Chlorophenyl phenyl ether	0.438	0.0852	"	0.851	ND	51.4	14-130		29.6	30	
4-Nitroaniline	0.243	0.170	"	0.851	ND	28.6	10-147		28.1	30	
4-Nitrophenol	0.135	0.170	"	0.851	ND	15.8	10-137		8.42	30	
Acenaphthene	0.414	0.0852	"	0.851	ND	48.6	10-146		34.1	30	Non-dir.
Acenaphthylene	0.422	0.0852	"	0.851	ND	49.6	10-134		28.8	30	
Acetophenone	0.304	0.0852	"	0.851	ND	35.8	10-116		18.3	30	
Aniline	0.293	0.341	"	0.851	ND	34.5	10-123		14.2	30	
Anthracene	0.426	0.0852	"	0.851	ND	50.1	10-142		32.1	30	Non-dir.
Atrazine	0.360	0.0852	"	0.851	ND	42.3	19-115		31.0	30	Non-dir.
Benzaldehyde	0.285	0.0852	"	0.851	ND	33.4	10-125		1.69	30	
Benzo(a)anthracene	0.480	0.0852	"	0.851	ND	56.4	10-158		35.2	30	Non-dir.
Benzo(a)pyrene	0.462	0.0852	"	0.851	ND	54.3	10-180		41.4	30	Non-dir.
Benzo(b)fluoranthene	0.468	0.0852	"	0.851	ND	55.0	10-200		35.8	30	Non-dir.
Benzo(g,h,i)perylene	0.498	0.0852	"	0.851	ND	58.6	10-138		36.1	30	Non-dir.
Benzo(k)fluoranthene	0.465	0.0852	"	0.851	ND	54.6	10-197		32.1	30	Non-dir.
Benzoic acid	ND	0.0852	"	0.851	ND		10-166	Low Bias		30	
Benzyl alcohol	0.359	0.0852	"	0.851	ND	42.2	12-124		10.6	30	
Benzyl butyl phthalate	0.494	0.0852	"	0.851	ND	58.1	10-154		29.7	30	
Bis(2-chloroethoxy)methane	0.406	0.0852	"	0.851	ND	47.8	10-132		26.1	30	
Bis(2-chloroethyl)ether	0.352	0.0852	"	0.851	ND	41.4	10-119		13.0	30	
Bis(2-chloroisopropyl)ether	0.327	0.0852	"	0.851	ND	38.4	10-139		20.2	30	
Bis(2-ethylhexyl)phthalate	0.702	0.0852	"	0.851	0.161	63.6	10-167		39.6	30	Non-dir.
Caprolactam	0.345	0.170	"	0.851	ND	40.6	10-132		16.9	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50975 - EPA 3550C											
Matrix Spike Dup (BE50975-MSD1)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/13/2025 Analyzed: 05/15/2025		
Carbazole	0.382	0.0852	mg/kg dry	0.851	ND	44.9	10-167		37.7	30	Non-dir.
Chrysene	0.467	0.0852	"	0.851	ND	54.9	10-156		33.3	30	Non-dir.
Dibenzo(a,h)anthracene	0.401	0.0852	"	0.851	ND	47.1	10-137		37.5	30	Non-dir.
Dibenzofuran	0.438	0.0852	"	0.851	ND	51.5	10-147		33.3	30	Non-dir.
Diethyl phthalate	0.413	0.0852	"	0.851	ND	48.5	20-120		32.4	30	Non-dir.
Dimethyl phthalate	0.414	0.0852	"	0.851	ND	48.6	18-131		32.1	30	Non-dir.
Di-n-butyl phthalate	0.419	0.0852	"	0.851	ND	49.3	10-137		32.2	30	Non-dir.
Di-n-octyl phthalate	0.548	0.0852	"	0.851	ND	64.4	10-180		35.4	30	Non-dir.
Fluoranthene	0.489	0.0852	"	0.851	0.0430	52.5	10-160		43.7	30	Non-dir.
Fluorene	0.437	0.0852	"	0.851	ND	51.4	10-157		29.5	30	
Hexachlorobenzene	0.400	0.0852	"	0.851	ND	47.0	10-137		29.5	30	
Hexachlorobutadiene	0.508	0.0852	"	0.851	ND	59.7	10-132		25.0	30	
Hexachlorocyclopentadiene	0.110	0.0852	"	0.851	ND	12.9	10-106		34.2	30	Non-dir.
Hexachloroethane	0.391	0.0852	"	0.851	ND	46.0	10-110		15.8	30	
Indeno(1,2,3-cd)pyrene	0.432	0.0852	"	0.851	ND	50.7	10-144		37.5	30	Non-dir.
Isophorone	0.401	0.0852	"	0.851	ND	47.1	10-132		27.6	30	
Naphthalene	0.445	0.0852	"	0.851	ND	52.3	10-141		27.3	30	
Nitrobenzene	0.395	0.0852	"	0.851	ND	46.4	10-131		20.1	30	
N-Nitrosodimethylamine	0.0483	0.0852	"	0.851	ND	5.68	10-126	Low Bias	155	30	Non-dir.
N-nitroso-di-n-propylamine	0.351	0.0852	"	0.851	ND	41.3	10-125		22.2	30	
N-Nitrosodiphenylamine	0.470	0.0852	"	0.851	ND	55.3	10-177		34.8	30	Non-dir.
Pentachlorophenol	0.110	0.0852	"	0.851	ND	13.0	10-153		29.5	30	
Phenanthrene	0.478	0.0852	"	0.851	ND	56.2	10-148		37.6	30	Non-dir.
Phenol	0.310	0.0852	"	0.851	ND	36.5	10-126		3.87	30	
Pyrene	0.539	0.0852	"	0.851	ND	63.4	10-165		36.1	30	Non-dir.
Pyridine	ND	0.341	"	0.851	ND		10-83	Low Bias		30	
Surrogate: SURR: 2-Fluorophenol	*0.403*		"	*1.70*		*23.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.434*		"	*1.70*		*25.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.302*		"	*0.851*		*35.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.338*		"	*0.851*		*39.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.762*		"	*1.70*		*44.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.419*		"	*0.851*		*49.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51032 - EPA 3510C											
Blank (BE51032-BLK1)											Prepared & Analyzed: 05/14/2025
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*16.5*		*"*	*50.0*		*33.1*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.56*		*"*	*50.0*		*19.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.7*		*"*	*25.0*		*62.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.7*		*"*	*25.0*		*50.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*34.0*		*"*	*50.0*		*68.0*	*39.3-151*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51032 - EPA 3510C											
Blank (BE51032-BLK1)								Prepared & Analyzed: 05/14/2025			
Surrogate: SURR: Terphenyl-d14	*20.4*		*ug/L*	*25.0*		*81.4*	*30.7-106*				
LCS (BE51032-BS1)								Prepared & Analyzed: 05/14/2025			
1,1-Biphenyl	13.2	5.00	ug/L	25.0		53.0	33-95				
1,2,4,5-Tetrachlorobenzene	11.0	5.00	"	25.0		44.2	26-120				
2,3,4,6-Tetrachlorophenol	12.3	5.00	"	25.0		49.1	30-130				
2,4,5-Trichlorophenol	13.0	5.00	"	25.0		51.8	32-114				
2,4,6-Trichlorophenol	14.1	5.00	"	25.0		56.4	35-118				
2,4-Dichlorophenol	15.7	5.00	"	25.0		62.8	25-116				
2,4-Dimethylphenol	14.1	5.00	"	25.0		56.5	15-116				
2,4-Dinitrophenol	ND	5.00	"	25.0			10-170	Low Bias			
2,4-Dinitrotoluene	17.7	5.00	"	25.0		70.9	41-128				
2,6-Dinitrotoluene	17.8	5.00	"	25.0		71.4	45-116				
2-Chloronaphthalene	12.8	5.00	"	25.0		51.4	33-112				
2-Chlorophenol	12.5	5.00	"	25.0		49.8	15-120				
2-Methylnaphthalene	11.3	5.00	"	25.0		45.2	24-118				
2-Methylphenol	7.49	5.00	"	25.0		30.0	10-110				
2-Nitroaniline	18.4	5.00	"	25.0		73.5	34-129				
2-Nitrophenol	12.5	5.00	"	25.0		50.0	28-118				
3- & 4-Methylphenols	8.62	5.00	"	25.0		34.5	10-107				
3,3-Dichlorobenzidine	12.3	5.00	"	25.0		49.2	15-187				
3-Nitroaniline	17.9	5.00	"	25.0		71.4	24-134				
4,6-Dinitro-2-methylphenol	ND	5.00	"	25.0			10-153	Low Bias			
4-Bromophenyl phenyl ether	15.8	5.00	"	25.0		63.2	34-120				
4-Chloro-3-methylphenol	17.4	5.00	"	25.0		69.8	20-120				
4-Chloroaniline	13.1	5.00	"	25.0		52.4	10-147				
4-Chlorophenyl phenyl ether	16.1	5.00	"	25.0		64.3	27-121				
4-Nitroaniline	19.5	5.00	"	25.0		77.8	13-134				
4-Nitrophenol	30.1	5.00	"	25.0		121	10-131				
Acetophenone	13.6	5.00	"	25.0		54.3	25-110				
Benzaldehyde	13.3	5.00	"	25.0		53.1	29-117				
Benzyl butyl phthalate	16.5	5.00	"	25.0		65.8	29-133				
Bis(2-chloroethoxy)methane	13.4	5.00	"	25.0		53.8	10-154				
Bis(2-chloroethyl)ether	21.1	5.00	"	25.0		84.4	17-125				
Bis(2-chloroisopropyl)ether	12.8	5.00	"	25.0		51.4	10-139				
Caprolactam	3.88	5.00	"	25.0		15.5	10-137				
Carbazole	15.0	5.00	"	25.0		59.9	42-126				
Dibenzofuran	13.7	5.00	"	25.0		54.6	36-113				
Diethyl phthalate	16.4	5.00	"	25.0		65.4	38-115				
Dimethyl phthalate	15.5	5.00	"	25.0		61.9	38-129				
Di-n-butyl phthalate	16.3	5.00	"	25.0		65.1	31-120				
Di-n-octyl phthalate	18.7	5.00	"	25.0		74.8	21-149				
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Isophorone	14.4	5.00	"	25.0		57.8	25-127				
N-nitroso-di-n-propylamine	13.5	5.00	"	25.0		53.8	26-122				
N-Nitrosodiphenylamine	20.1	5.00	"	25.0		80.4	23-149				
Phenol	0.950	5.00	"	25.0		3.80	10-110	Low Bias			
Pyridine	3.74	5.00	"	35.0		10.7	10-90				
Surrogate: SURR: 2-Fluorophenol	*14.3*		*"*	*50.0*		*28.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*0.770*		*"*	*50.0*		*1.54*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*13.9*		*"*	*25.0*		*55.7*	*50.2-113*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51032 - EPA 3510C											
LCS (BE51032-BS1)							Prepared & Analyzed: 05/14/2025				
Surrogate: SURR: 2-Fluorobiphenyl	*12.5*		*ug/L*	*25.0*		*50.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*33.9*		*"*	*50.0*		*67.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.1*		*"*	*25.0*		*64.4*	*30.7-106*				
LCS Dup (BE51032-BSD1)							Prepared & Analyzed: 05/14/2025				
1,1-Biphenyl	12.1	5.00	ug/L	25.0		48.4	33-95		9.00	20	
1,2,4,5-Tetrachlorobenzene	10.0	5.00	"	25.0		40.0	26-120		9.98	20	
2,3,4,6-Tetrachlorophenol	12.2	5.00	"	25.0		48.8	30-130		0.572	20	
2,4,5-Trichlorophenol	11.9	5.00	"	25.0		47.6	32-114		8.53	20	
2,4,6-Trichlorophenol	13.6	5.00	"	25.0		54.5	35-118		3.46	20	
2,4-Dichlorophenol	14.7	5.00	"	25.0		58.8	25-116		6.52	20	
2,4-Dimethylphenol	13.4	5.00	"	25.0		53.5	15-116		5.53	20	
2,4-Dinitrophenol	ND	5.00	"	25.0			10-170	Low Bias		20	
2,4-Dinitrotoluene	16.9	5.00	"	25.0		67.7	41-128		4.62	20	
2,6-Dinitrotoluene	16.6	5.00	"	25.0		66.3	45-116		7.44	20	
2-Chloronaphthalene	11.6	5.00	"	25.0		46.3	33-112		10.4	20	
2-Chlorophenol	11.2	5.00	"	25.0		44.8	15-120		10.7	20	
2-Methylnaphthalene	15.7	5.00	"	25.0		62.8	24-118		32.6	20	Non-dir.
2-Methylphenol	6.34	5.00	"	25.0		25.4	10-110		16.6	20	
2-Nitroaniline	17.3	5.00	"	25.0		69.4	34-129		5.82	20	
2-Nitrophenol	11.3	5.00	"	25.0		45.1	28-118		10.2	20	
3- & 4-Methylphenols	7.87	5.00	"	25.0		31.5	10-107		9.10	20	
3,3-Dichlorobenzidine	10.5	5.00	"	25.0		41.8	15-187		16.2	20	
3-Nitroaniline	15.6	5.00	"	25.0		62.3	24-134		13.6	20	
4,6-Dinitro-2-methylphenol	ND	5.00	"	25.0			10-153	Low Bias		20	
4-Bromophenyl phenyl ether	14.8	5.00	"	25.0		59.2	34-120		6.47	20	
4-Chloro-3-methylphenol	17.0	5.00	"	25.0		68.2	20-120		2.32	20	
4-Chloroaniline	11.7	5.00	"	25.0		47.0	10-147		10.9	20	
4-Chlorophenyl phenyl ether	14.9	5.00	"	25.0		59.6	27-121		7.56	20	
4-Nitroaniline	18.3	5.00	"	25.0		73.3	13-134		6.03	20	
4-Nitrophenol	29.2	5.00	"	25.0		117	10-131		3.27	20	
Acetophenone	12.0	5.00	"	25.0		47.8	25-110		12.8	20	
Benzaldehyde	11.4	5.00	"	25.0		45.5	29-117		15.5	20	
Benzyl butyl phthalate	14.9	5.00	"	25.0		59.7	29-133		9.75	20	
Bis(2-chloroethoxy)methane	12.0	5.00	"	25.0		47.8	10-154		11.7	20	
Bis(2-chloroethyl)ether	18.0	5.00	"	25.0		72.0	17-125		15.9	20	
Bis(2-chloroisopropyl)ether	11.0	5.00	"	25.0		44.0	10-139		15.4	20	
Caprolactam	3.60	5.00	"	25.0		14.4	10-137		7.49	20	
Carbazole	13.6	5.00	"	25.0		54.6	42-126		9.36	20	
Dibenzofuran	12.8	5.00	"	25.0		51.2	36-113		6.58	20	
Diethyl phthalate	15.8	5.00	"	25.0		63.4	38-115		3.23	20	
Dimethyl phthalate	14.6	5.00	"	25.0		58.2	38-129		6.19	20	
Di-n-butyl phthalate	15.4	5.00	"	25.0		61.5	31-120		5.69	20	
Di-n-octyl phthalate	16.9	5.00	"	25.0		67.6	21-149		10.1	20	
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias		20	
Isophorone	13.5	5.00	"	25.0		53.8	25-127		7.03	20	
N-nitroso-di-n-propylamine	11.7	5.00	"	25.0		47.0	26-122		13.7	20	
N-Nitrosodiphenylamine	18.2	5.00	"	25.0		72.8	23-149		9.93	20	
Phenol	ND	5.00	"	25.0			10-110	Low Bias		20	
Pyridine	ND	5.00	"	35.0			10-90	Low Bias		20	
Surrogate: SURR: 2-Fluorophenol	*13.3*		*"*	*50.0*		*26.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51032 - EPA 3510C											
LCS Dup (BE51032-BSD1)											Prepared & Analyzed: 05/14/2025
Surrogate: SURR: Phenol-d6	*9.58*		*ug/L*	*50.0*		*19.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.4*		*"*	*25.0*		*49.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.0*		*"*	*25.0*		*44.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*30.3*		*"*	*50.0*		*60.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.9*		*"*	*25.0*		*59.5*	*30.7-106*				
Batch BE51033 - EPA 3510C											
Blank (BE51033-BLK2)											Prepared: 05/14/2025 Analyzed: 05/16/2025
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51033 - EPA 3510C											
LCS (BE51033-BS2)								Prepared: 05/14/2025 Analyzed: 05/16/2025			
Acenaphthene	0.610	0.0500	ug/L	1.00		61.0	25-116				
Acenaphthylene	0.650	0.0500	"	1.00		65.0	26-116				
Anthracene	0.630	0.0500	"	1.00		63.0	25-123				
Benzo(a)anthracene	0.750	0.0500	"	1.00		75.0	33-125				
Benzo(a)pyrene	0.740	0.0500	"	1.00		74.0	32-132				
Benzo(b)fluoranthene	0.770	0.0500	"	1.00		77.0	22-137				
Benzo(g,h,i)perylene	0.850	0.0500	"	1.00		85.0	10-138				
Benzo(k)fluoranthene	0.770	0.0500	"	1.00		77.0	20-137				
Bis(2-ethylhexyl)phthalate	0.780	0.500	"	1.00		78.0	10-189				
Chrysene	0.790	0.0500	"	1.00		79.0	32-124				
Dibenzo(a,h)anthracene	0.820	0.0500	"	1.00		82.0	16-133				
Fluoranthene	0.780	0.0500	"	1.00		78.0	32-121				
Fluorene	0.660	0.0500	"	1.00		66.0	28-118				
Hexachlorobenzene	0.670	0.0200	"	1.00		67.0	23-124				
Hexachlorobutadiene	0.460	0.500	"	1.00		46.0	15-123				
Hexachloroethane	2.65	0.500	"	1.00		265	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.820	0.0500	"	1.00		82.0	15-135				
Naphthalene	0.590	0.0500	"	1.00		59.0	18-120				
Nitrobenzene	0.330	0.250	"	1.00		33.0	21-121				
N-Nitrosodimethylamine	0.250	0.500	"	1.00		25.0	10-124				
Pentachlorophenol	0.700	0.250	"	1.00		70.0	10-156				
Phenanthrene	0.680	0.0500	"	1.00		68.0	24-127				
Pyrene	0.730	0.0500	"	1.00		73.0	31-132				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

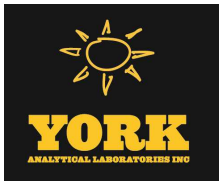
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50818 - EPA 3550C											
Blank (BE50818-BLK1)								Prepared: 05/12/2025 Analyzed: 05/13/2025			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*713*		*"*	*495*		*144*	*39-127.5*				
LCS (BE50818-BS1)								Prepared: 05/12/2025 Analyzed: 05/13/2025			
1,4-Dioxane	557	19.8	ug/kg	495		113	40-130				
Surrogate: 1,4-Dioxane-d8	*554*		*"*	*495*		*112*	*39-127.5*				
Batch BE50933 - EPA 3550C											
Blank (BE50933-BLK1)								Prepared: 05/13/2025 Analyzed: 05/14/2025			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*703*		*"*	*495*		*142*	*39-127.5*				
LCS (BE50933-BS1)								Prepared: 05/13/2025 Analyzed: 05/14/2025			
1,4-Dioxane	475	19.8	ug/kg	495		96.0	40-130				
Surrogate: 1,4-Dioxane-d8	*515*		*"*	*495*		*104*	*39-127.5*				
Matrix Spike (BE50933-MS2)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared: 05/13/2025 Analyzed: 05/14/2025			
1,4-Dioxane	537	19.8	ug/kg	495	ND	108	40-130				
Surrogate: 1,4-Dioxane-d8	*317*		*"*	*495*		*64.0*	*40-130*				
Matrix Spike Dup (BE50933-MSD2)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared: 05/13/2025 Analyzed: 05/14/2025			
1,4-Dioxane	449	19.8	ug/kg	495	ND	90.6	40-130		17.9	30	
Surrogate: 1,4-Dioxane-d8	*396*		*"*	*495*		*80.0*	*40-130*				
Batch BE51061 - EPA 3550C											
Blank (BE51061-BLK1)								Prepared & Analyzed: 05/14/2025			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*663*		*"*	*495*		*134*	*39-127.5*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51061 - EPA 3550C											
LCS (BE51061-BS1)								Prepared: 05/14/2025 Analyzed: 05/15/2025			
1,4-Dioxane	441	19.8	ug/kg	495		89.0	40-130				
Surrogate: 1,4-Dioxane-d8	*525*		*"*	*495*		*106*	*39-127.5*				
Matrix Spike (BE51061-MS1)	*Source sample: 25E0288-18 (25SB-8 (0-2))							Prepared: 05/14/2025 Analyzed: 05/15/2025			
1,4-Dioxane	504	19.8	ug/kg	495	ND	102	40-130				
Surrogate: 1,4-Dioxane-d8	*465*		*"*	*495*		*94.0*	*40-130*				
Matrix Spike Dup (BE51061-MSD1)	*Source sample: 25E0288-18 (25SB-8 (0-2))							Prepared: 05/14/2025 Analyzed: 05/15/2025			
1,4-Dioxane	511	19.8	ug/kg	495	ND	103	40-130		1.37	30	
Surrogate: 1,4-Dioxane-d8	*376*		*"*	*495*		*76.0*	*40-130*				
Batch BE51509 - EPA 3535A											
Blank (BE51509-BLK1)								Prepared & Analyzed: 05/20/2025			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*5.12*		*"*	*4.00*		*128*	*36.6-118*				
LCS (BE51509-BS1)								Prepared & Analyzed: 05/20/2025			
1,4-Dioxane	3.81	0.300	ug/L	4.00		95.2	50-130				
Surrogate: 1,4-Dioxane-d8	*3.84*		*"*	*4.00*		*96.0*	*36.6-118*				

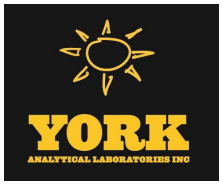


PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
Blank (BE50530-BLK1)											
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*32.9*		*"*	*23.3*		*141*	*25-150*				
Surrogate: M5PFHxA	*36.4*		*"*	*25.0*		*146*	*25-150*				
Surrogate: M4PFHpA	*28.9*		*"*	*25.0*		*116*	*25-150*				
Surrogate: M3PFHxS	*34.2*		*"*	*23.7*		*144*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*39.0*		*"*	*25.0*		*156*	*25-150*				
Surrogate: M6PFDA	*17.3*		*"*	*12.5*		*138*	*25-150*				
Surrogate: M7PFUdA	*16.6*		*"*	*12.5*		*133*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.5*		*"*	*12.5*		*100*	*25-150*				
Surrogate: M2PFTeDA	*9.96*		*"*	*12.5*		*79.7*	*10-150*				

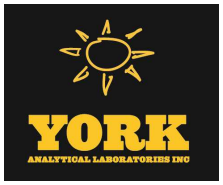
Prepared: 05/07/2025 Analyzed: 05/08/2025



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

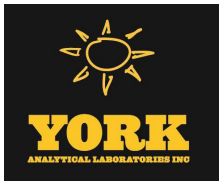
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
Blank (BE50530-BLK1)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.04*		*ng/L*	*100*		*5.04*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*40.7*		*"*	*24.0*		*170*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*40.2*		*"*	*50.0*		*80.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*38.3*		*"*	*25.0*		*153*	*10-150*				
Surrogate: d3-N-MeFOSAA	*53.3*		*"*	*50.0*		*107*	*25-150*				
Surrogate: d5-N-EtFOSAA	*55.1*		*"*	*50.0*		*110*	*25-150*				
Surrogate: M2-6:2 FTS	*59.2*		*"*	*47.6*		*125*	*25-200*				
Surrogate: M2-8:2 FTS	*43.5*		*"*	*48.0*		*90.7*	*25-200*				
Surrogate: M9PFNA	*18.4*		*"*	*12.5*		*147*	*25-150*				
Surrogate: M2-4:2 FTS	*62.8*		*"*	*46.9*		*134*	*25-150*				
Surrogate: d-N-MeFOSA	*27.9*		*"*	*25.0*		*111*	*25-150*				
Surrogate: d-N-EtFOSA	*26.9*		*"*	*25.0*		*108*	*25-150*				
Surrogate: M3HFPO-DA	*141*		*"*	*100*		*141*	*25-150*				
Surrogate: d9-N-EtFOSE	*212*		*"*	*250*		*84.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*297*		*"*	*250*		*119*	*25-150*				
LCS (BE50530-BS1)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Perfluorobutanesulfonic acid (PFBS)	30.7	1.77	ng/L	35.4		86.8	50-150				
Perfluorohexanoic acid (PFHxA)	35.0	2.00	"	40.0		87.6	50-150				
Perfluoroheptanoic acid (PFHpA)	45.4	2.00	"	40.0		113	50-150				
Perfluorohexanesulfonic acid (PFHxS)	31.7	1.83	"	36.6		86.5	50-150				
Perfluorooctanoic acid (PFOA)	33.0	2.00	"	40.0		82.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	29.6	1.86	"	37.2		79.6	50-150				
Perfluorononanoic acid (PFNA)	33.8	2.00	"	40.0		84.5	50-150				
Perfluorodecanoic acid (PFDA)	34.6	2.00	"	40.0		86.5	50-150				
Perfluoroundecanoic acid (PFUnA)	38.3	2.00	"	40.0		95.7	50-150				
Perfluorododecanoic acid (PFDoA)	33.8	2.00	"	40.0		84.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	43.7	2.00	"	40.0		109	50-150				
Perfluorotetradecanoic acid (PFTA)	34.4	2.00	"	40.0		86.1	50-150				
N-MeFOSAA	38.9	2.00	"	40.0		97.3	50-150				
N-EtFOSAA	37.9	2.00	"	40.0		94.6	50-150				
Perfluoropentanoic acid (PFPeA)	70.0	4.00	"	80.0		87.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	28.1	2.00	"	40.0		70.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	30.3	1.91	"	38.2		79.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	27.0	1.93	"	38.6		69.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	120	7.60	"	152		78.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	142	7.68	"	154		92.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	104	8.00	"	160		65.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	65.1	3.56	"	71.2		91.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	59.2	4.00	"	80.0		74.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.29	4.00	"	80.0		11.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	106	4.00	"	80.0		132	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	34.1	1.88	"	37.6		90.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	121	7.50	"	150		80.7	50-150				
HFPO-DA (Gen-X)	72.7	8.00	"	80.0		90.9	50-150				
11CL-PF3OUdS	48.7	7.56	"	75.6		64.5	50-150				
9CL-PF3ONS	55.7	7.48	"	74.8		74.5	50-150				
ADONA	68.9	7.56	"	75.6		91.1	50-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

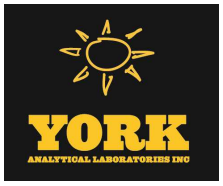
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
LCS (BE50530-BS1)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Perfluorododecanesulfonic acid (PFDoS)	15.0	1.94	ng/L	38.8		38.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	24.2	1.92	"	38.4		63.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	102	5.00	"	160		63.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	869	25.0	"	800		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	864	25.0	"	800		108	50-150				
N-MeFOSE	365	20.0	"	400		91.2	50-150				
N-MeFOSA	37.1	2.00	"	40.0		92.7	50-150				
N-EtFOSE	386	20.0	"	400		96.4	50-150				
N-EtFOSA	40.2	2.00	"	40.0		101	50-150				
Surrogate: M3PFBS	*29.8*		*"*	*23.3*		*128*	*25-150*				
Surrogate: M5PFHxA	*32.1*		*"*	*25.0*		*128*	*25-150*				
Surrogate: M4PFHpA	*25.5*		*"*	*25.0*		*102*	*25-150*				
Surrogate: M3PFHxS	*32.6*		*"*	*23.7*		*138*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*36.0*		*"*	*25.0*		*144*	*25-150*				
Surrogate: M6PFDA	*16.5*		*"*	*12.5*		*132*	*25-150*				
Surrogate: M7PFUdA	*12.6*		*"*	*12.5*		*101*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.7*		*"*	*12.5*		*93.4*	*25-150*				
Surrogate: M2PFTeDA	*8.18*		*"*	*12.5*		*65.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.91*		*"*	*100*		*2.91*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*40.5*		*"*	*24.0*		*169*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*30.7*		*"*	*50.0*		*61.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*36.4*		*"*	*25.0*		*146*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.2*		*"*	*50.0*		*96.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*49.3*		*"*	*50.0*		*98.6*	*25-150*				
Surrogate: M2-6:2 FTS	*55.7*		*"*	*47.6*		*117*	*25-200*				
Surrogate: M2-8:2 FTS	*45.8*		*"*	*48.0*		*95.4*	*25-200*				
Surrogate: M9PFNA	*16.3*		*"*	*12.5*		*130*	*25-150*				
Surrogate: M2-4:2 FTS	*55.8*		*"*	*46.9*		*119*	*25-150*				
Surrogate: d-N-MeFOSA	*26.5*		*"*	*25.0*		*106*	*25-150*				
Surrogate: d-N-EtFOSA	*19.6*		*"*	*25.0*		*78.4*	*25-150*				
Surrogate: M3HFPO-DA	*129*		*"*	*100*		*129*	*25-150*				
Surrogate: d9-N-EtFOSE	*186*		*"*	*250*		*74.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*242*		*"*	*250*		*96.7*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

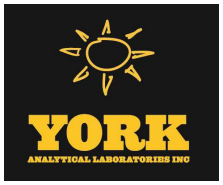
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
LCS (BE50530-BS2)								Prepared: 05/07/2025 Analyzed: 05/08/2025			
Perfluorobutanesulfonic acid (PFBS)	2.64	1.77	ng/L	3.54		74.6	50-150				
Perfluorohexanoic acid (PFHxA)	3.12	2.00	"	4.00		77.9	50-150				
Perfluoroheptanoic acid (PFHpA)	4.13	2.00	"	4.00		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	2.56	1.83	"	3.66		69.9	50-150				
Perfluorooctanoic acid (PFOA)	2.81	2.00	"	4.00		70.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	2.35	1.86	"	3.72		63.2	50-150				
Perfluorononanoic acid (PFNA)	3.33	2.00	"	4.00		83.3	50-150				
Perfluorodecanoic acid (PFDA)	2.86	2.00	"	4.00		71.4	50-150				
Perfluoroundecanoic acid (PFUnA)	3.58	2.00	"	4.00		89.4	50-150				
Perfluorododecanoic acid (PFDoA)	3.37	2.00	"	4.00		84.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	2.95	2.00	"	4.00		73.7	50-150				
Perfluorotetradecanoic acid (PFTA)	2.95	2.00	"	4.00		73.8	50-150				
N-MeFOSAA	3.03	2.00	"	4.00		75.9	50-150				
N-EtFOSAA	2.82	2.00	"	4.00		70.4	50-150				
Perfluoropentanoic acid (PFPeA)	6.20	4.00	"	8.00		77.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.33	2.00	"	4.00		58.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.89	1.91	"	3.82		75.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	1.81	1.93	"	3.86		47.0	50-150	Low Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	9.02	7.60	"	15.2		59.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	12.1	7.68	"	15.4		78.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	9.31	8.00	"	16.0		58.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.03	3.56	"	7.12		70.7	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.1	4.00	"	8.00		126	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.997	4.00	"	8.00		12.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.72	4.00	"	8.00		109	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.00	1.88	"	3.76		79.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	10.3	7.50	"	15.0		68.7	50-150				
HFPO-DA (Gen-X)	6.63	8.00	"	8.00		82.8	50-150				
11CL-PF3OUdS	3.93	7.56	"	7.56		52.0	50-150				
9CL-PF3ONS	3.66	7.48	"	7.48		49.0	50-150	Low Bias			
ADONA	5.25	7.56	"	7.56		69.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	1.20	1.94	"	3.88		30.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	2.42	1.92	"	3.84		62.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	10.4	5.00	"	16.0		65.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	73.6	25.0	"	80.0		92.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	73.4	25.0	"	80.0		91.7	50-150				
N-MeFOSE	29.2	20.0	"	40.0		72.9	50-150				
N-MeFOSA	3.58	2.00	"	4.00		89.5	50-150				
N-EtFOSE	32.9	20.0	"	40.0		82.3	50-150				
N-EtFOSA	2.93	2.00	"	4.00		73.1	50-150				
Surrogate: M3PFBS	*30.7*		"	*23.3*		*132*	*25-150*				
Surrogate: M5PFHxA	*33.8*		"	*25.0*		*135*	*25-150*				
Surrogate: M4PFHpA	*26.6*		"	*25.0*		*106*	*25-150*				
Surrogate: M3PFHxS	*32.1*		"	*23.7*		*135*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*37.2*		"	*25.0*		*149*	*25-150*				
Surrogate: M6PFDA	*17.1*		"	*12.5*		*136*	*25-150*				
Surrogate: M7PFUdA	*14.8*		"	*12.5*		*118*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.9*		"	*12.5*		*95.1*	*25-150*				
Surrogate: M2PFTeDA	*11.9*		"	*12.5*		*95.5*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

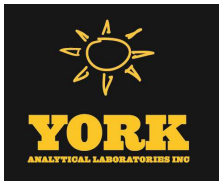
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50530 - EPA 1633 Prep											
LCS (BE50530-BS2)											
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.80*		*ng/L*	*100*		*3.80*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*40.2*		*"*	*24.0*		*168*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*36.8*		*"*	*50.0*		*73.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*37.2*		*"*	*25.0*		*149*	*10-150*				
Surrogate: d3-N-MeFOSAA	*49.9*		*"*	*50.0*		*99.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*53.7*		*"*	*50.0*		*107*	*25-150*				
Surrogate: M2-6:2 FTS	*55.2*		*"*	*47.6*		*116*	*25-200*				
Surrogate: M2-8:2 FTS	*42.1*		*"*	*48.0*		*87.7*	*25-200*				
Surrogate: M9PFNA	*16.8*		*"*	*12.5*		*134*	*25-150*				
Surrogate: M2-4:2 FTS	*57.6*		*"*	*46.9*		*123*	*25-150*				
Surrogate: d-N-MeFOSA	*25.9*		*"*	*25.0*		*104*	*25-150*				
Surrogate: d-N-EtFOSA	*25.1*		*"*	*25.0*		*100*	*25-150*				
Surrogate: M3HFPO-DA	*133*		*"*	*100*		*133*	*25-150*				
Surrogate: d9-N-EtFOSE	*270*		*"*	*250*		*108*	*25-150*				
Surrogate: d7-N-MeFOSE	*310*		*"*	*250*		*124*	*25-150*				
Batch BE50657 - EPA 1633 Prep											
Blank (BE50657-BLK1)											
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	0.227	0.199	"								
Perfluorotetradecanoic acid (PFTA)	0.209	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.757	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.765	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.797	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.747	"								
HFPO-DA (Gen-X)	ND	0.797	"								
11CL-PF3OUdS	ND	0.753	"								



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50657 - EPA 1633 Prep											
Blank (BE50657-BLK1)											
Prepared: 05/08/2025 Analyzed: 05/12/2025											
9CL-PF3ONS	ND	0.745	ug/kg wet								
ADONA	ND	0.753	"								
Perfluorododecanesulfonic acid (PFDoS)	0.196	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.98	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.98	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*3.01*		"	*2.32*		*130*	*25-150*				
Surrogate: M5PFHxA	*3.46*		"	*2.49*		*139*	*25-150*				
Surrogate: M4PFHpA	*2.41*		"	*2.49*		*96.8*	*25-150*				
Surrogate: M3PFHxS	*2.46*		"	*2.36*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		"	*2.49*		*122*	*25-150*				
Surrogate: M6PFDA	*1.04*		"	*1.25*		*83.4*	*25-150*				
Surrogate: M7PFUdA	*0.841*		"	*1.25*		*67.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.797*		"	*1.25*		*64.0*	*25-150*				
Surrogate: M2PFTeDA	*0.946*		"	*1.25*		*76.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.575*		"	*9.96*		*5.77*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.19*		"	*2.39*		*92.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.38*		"	*4.98*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.82*		"	*2.49*		*73.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.93*		"	*4.98*		*58.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.12*		"	*4.98*		*62.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.14*		"	*4.74*		*87.5*	*25-200*				
Surrogate: M2-8:2 FTS	*2.77*		"	*4.78*		*58.0*	*25-200*				
Surrogate: M9PFNA	*1.14*		"	*1.25*		*91.5*	*25-150*				
Surrogate: M2-4:2 FTS	*5.51*		"	*4.67*		*118*	*25-150*				
Surrogate: d-N-MeFOSA	*1.15*		"	*2.49*		*46.1*	*25-150*				
Surrogate: d-N-EtFOSA	*0.879*		"	*2.49*		*35.3*	*25-150*				
Surrogate: M3HFPO-DA	*13.6*		"	*9.96*		*137*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.1*		"	*24.9*		*44.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.8*		"	*24.9*		*51.4*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50657 - EPA 1633 Prep											
LCS (BE50657-BS1)								Prepared: 05/08/2025 Analyzed: 05/12/2025			
Perfluorobutanesulfonic acid (PFBS)	2.79	0.177	ug/kg wet	3.53		79.1	50-150				
Perfluorohexanoic acid (PFHxA)	3.24	0.200	"	3.99		81.2	50-150				
Perfluoroheptanoic acid (PFHpA)	3.55	0.200	"	3.99		89.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.00	0.183	"	3.65		82.2	50-150				
Perfluorooctanoic acid (PFOA)	2.73	0.200	"	3.99		68.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	2.73	0.186	"	3.71		73.6	50-150				
Perfluorononanoic acid (PFNA)	3.31	0.200	"	3.99		82.8	50-150				
Perfluorodecanoic acid (PFDA)	3.34	0.200	"	3.99		83.8	50-150				
Perfluoroundecanoic acid (PFUnA)	3.42	0.200	"	3.99		85.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.22	0.200	"	3.99		80.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.32	0.200	"	3.99		83.3	50-150				
Perfluorotetradecanoic acid (PFTA)	3.19	0.200	"	3.99		79.9	50-150				
N-MeFOSAA	3.41	0.200	"	3.99		85.3	50-150				
N-EtFOSAA	3.29	0.200	"	3.99		82.3	50-150				
Perfluoropentanoic acid (PFPeA)	6.46	0.399	"	7.98		80.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.59	0.200	"	3.99		64.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.94	0.200	"	3.81		77.2	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.70	0.193	"	3.85		70.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	11.6	0.758	"	15.2		76.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.1	0.766	"	15.3		91.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	10.7	0.798	"	16.0		67.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.83	0.355	"	7.11		82.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.00	0.399	"	7.98		75.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.493	0.399	"	7.98		6.18	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.34	0.399	"	7.98		105	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.17	0.188	"	3.75		84.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.6	0.749	"	15.0		77.8	50-150				
HFPO-DA (Gen-X)	7.55	0.798	"	7.98		94.6	50-150				
11CL-PF3OUdS	3.99	0.754	"	7.54		52.9	50-150				
9CL-PF3ONS	4.11	0.747	"	7.47		55.1	50-150				
ADONA	6.07	0.754	"	7.54		80.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.27	0.194	"	3.87		58.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.35	0.192	"	3.83		61.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.10	0.998	"	16.0		57.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	59.3	4.99	"	79.8		74.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	57.6	4.99	"	79.8		72.2	50-150				
N-MeFOSE	29.4	2.00	"	39.9		73.5	50-150				
N-MeFOSA	3.77	0.200	"	3.99		94.4	50-150				
N-EtFOSE	33.8	2.00	"	39.9		84.7	50-150				
N-EtFOSA	4.21	0.200	"	3.99		105	50-150				
Surrogate: M3PFBS	*3.05*		*"*	*2.33*		*131*	*25-150*				
Surrogate: M5PFHxA	*3.45*		*"*	*2.50*		*138*	*25-150*				
Surrogate: M4PFHpA	*2.79*		*"*	*2.50*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.87*		*"*	*2.37*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.45*		*"*	*2.50*		*138*	*25-150*				
Surrogate: M6PFDA	*1.42*		*"*	*1.25*		*114*	*25-150*				
Surrogate: M7PFUdA	*1.39*		*"*	*1.25*		*111*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.25*		*"*	*1.25*		*100*	*25-150*				
Surrogate: M2PFTeDA	*1.23*		*"*	*1.25*		*98.3*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50657 - EPA 1633 Prep											
LCS (BE50657-BS1)								Prepared: 05/08/2025 Analyzed: 05/12/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.484*		*ug/kg wet*	*9.98*		*4.85*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.21*		*"*	*2.39*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.69*		*"*	*4.99*		*94.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.53*		*"*	*2.50*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.19*		*"*	*4.99*		*84.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.36*		*"*	*4.99*		*87.4*	*25-150*				
Surrogate: M2-6:2 FTS	*5.05*		*"*	*4.75*		*106*	*25-200*				
Surrogate: M2-8:2 FTS	*3.98*		*"*	*4.79*		*83.1*	*25-200*				
Surrogate: M9PFNA	*1.43*		*"*	*1.25*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*5.68*		*"*	*4.68*		*121*	*25-150*				
Surrogate: d-N-MeFOSA	*1.57*		*"*	*2.50*		*63.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.10*		*"*	*2.50*		*43.9*	*25-150*				
Surrogate: M3HFPO-DA	*13.8*		*"*	*9.98*		*138*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.2*		*"*	*25.0*		*60.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.5*		*"*	*25.0*		*70.3*	*25-150*				
LCS (BE50657-BS2)								Prepared: 05/08/2025 Analyzed: 05/12/2025			
Perfluorobutanesulfonic acid (PFBS)	0.273	0.176	ug/kg wet	0.352		77.6	50-150				
Perfluorohexanoic acid (PFHxA)	0.297	0.199	"	0.398		74.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.419	0.199	"	0.398		105	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.295	0.182	"	0.364		81.2	50-150				
Perfluorooctanoic acid (PFOA)	0.279	0.199	"	0.398		70.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.205	0.185	"	0.370		55.3	50-150				
Perfluorononanoic acid (PFNA)	0.272	0.199	"	0.398		68.3	50-150				
Perfluorodecanoic acid (PFDA)	0.259	0.199	"	0.398		65.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.337	0.199	"	0.398		84.7	50-150				
Perfluorododecanoic acid (PFDoA)	0.349	0.199	"	0.398		87.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.302	0.199	"	0.398		76.1	50-150				
Perfluorotetradecanoic acid (PFTA)	0.324	0.199	"	0.398		81.5	50-150				
N-MeFOSAA	0.362	0.199	"	0.398		91.0	50-150				
N-EtFOSAA	0.246	0.199	"	0.398		62.0	50-150				
Perfluoropentanoic acid (PFPeA)	0.624	0.398	"	0.795		78.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.211	0.199	"	0.398		53.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.292	0.199	"	0.380		77.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.228	0.192	"	0.384		59.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	0.964	0.755	"	1.51		63.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.21	0.763	"	1.53		79.3	50-150				
Perfluoro-n-butanoic acid (PFBA)	0.934	0.795	"	1.59		58.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.466	0.354	"	0.708		65.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.722	0.398	"	0.795		90.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.0430	0.398	"	0.795		5.41	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.860	0.398	"	0.795		108	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.362	0.187	"	0.374		96.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.05	0.746	"	1.49		70.3	50-150				
HFPO-DA (Gen-X)	0.511	0.795	"	0.795		64.3	50-150				
11CL-PF3OUdS	0.198	0.751	"	0.751		26.3	50-150	Low Bias			
9CL-PF3ONS	0.137	0.744	"	0.744		18.4	50-150	Low Bias			
ADONA	0.480	0.751	"	0.751		63.9	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

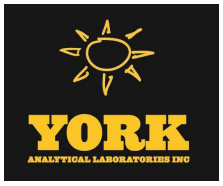
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50657 - EPA 1633 Prep											
LCS (BE50657-BS2)								Prepared: 05/08/2025 Analyzed: 05/12/2025			
Perfluorododecanesulfonic acid (PFDoS)	0.0852	0.193	ug/kg wet	0.386		22.1	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.156	0.191	"	0.382		40.8	50-150	Low Bias			
3-Perfluoropropyl propanoic acid (FPrPA)	0.818	0.994	"	1.59		51.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	5.24	4.97	"	7.95		65.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	5.36	4.97	"	7.95		67.4	50-150				
N-MeFOSE	2.61	1.99	"	3.98		65.6	50-150				
N-MeFOSA	0.360	0.199	"	0.398		90.6	50-150				
N-EtFOSE	2.95	1.99	"	3.98		74.2	50-150				
N-EtFOSA	0.258	0.199	"	0.398		64.9	50-150				
Surrogate: M3PFBS	*2.93*		*"*	*2.32*		*127*	*25-150*				
Surrogate: M5PFHxA	*3.40*		*"*	*2.49*		*137*	*25-150*				
Surrogate: M4PFHpA	*2.48*		*"*	*2.49*		*99.8*	*25-150*				
Surrogate: M3PFHxS	*2.59*		*"*	*2.36*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.02*		*"*	*2.49*		*121*	*25-150*				
Surrogate: M6PFDA	*1.02*		*"*	*1.24*		*82.2*	*25-150*				
Surrogate: M7PFUdA	*0.884*		*"*	*1.24*		*71.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.795*		*"*	*1.24*		*64.0*	*25-150*				
Surrogate: M2PFTeDA	*0.832*		*"*	*1.24*		*66.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.359*		*"*	*9.94*		*3.61*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.61*		*"*	*2.38*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.37*		*"*	*4.97*		*67.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.05*		*"*	*2.49*		*82.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.01*		*"*	*4.97*		*80.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.97*		*"*	*4.97*		*79.8*	*25-150*				
Surrogate: M2-6:2 FTS	*5.51*		*"*	*4.73*		*117*	*25-200*				
Surrogate: M2-8:2 FTS	*5.99*		*"*	*4.77*		*125*	*25-200*				
Surrogate: M9PFNA	*1.22*		*"*	*1.24*		*98.3*	*25-150*				
Surrogate: M2-4:2 FTS	*5.65*		*"*	*4.66*		*121*	*25-150*				
Surrogate: d-N-MeFOSA	*1.12*		*"*	*2.49*		*44.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.918*		*"*	*2.49*		*36.9*	*25-150*				
Surrogate: M3HFPO-DA	*13.4*		*"*	*9.94*		*135*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.5*		*"*	*24.9*		*42.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*11.1*		*"*	*24.9*		*44.6*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

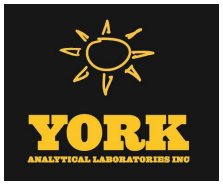
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50727 - EPA 1633 Prep											
Blank (BE50727-BLK1)											
Prepared: 05/09/2025 Analyzed: 05/13/2025											
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.17*		"	*2.33*		*93.2*	*25-150*				
Surrogate: M5PFHxA	*2.60*		"	*2.50*		*104*	*25-150*				
Surrogate: M4PFHpA	*2.14*		"	*2.50*		*85.6*	*25-150*				
Surrogate: M3PFHxS	*2.55*		"	*2.37*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.70*		"	*2.50*		*108*	*25-150*				
Surrogate: M6PFDA	*1.22*		"	*1.25*		*97.8*	*25-150*				
Surrogate: M7PFUdA	*0.777*		"	*1.25*		*62.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.795*		"	*1.25*		*63.6*	*25-150*				
Surrogate: M2PFTeDA	*0.709*		"	*1.25*		*56.7*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50727 - EPA 1633 Prep											
Blank (BE50727-BLK1)								Prepared: 05/09/2025 Analyzed: 05/13/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.177*		*ug/kg wet*	*10.0*		*1.77*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.37*		*"*	*2.40*		*99.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.749*		*"*	*5.00*		*15.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.23*		*"*	*2.50*		*89.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.30*		*"*	*5.00*		*66.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.38*		*"*	*5.00*		*67.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.03*		*"*	*4.76*		*84.7*	*25-200*				
Surrogate: M2-8:2 FTS	*3.07*		*"*	*4.80*		*63.9*	*25-200*				
Surrogate: M9PFNA	*1.14*		*"*	*1.25*		*91.2*	*25-150*				
Surrogate: M2-4:2 FTS	*4.30*		*"*	*4.69*		*91.6*	*25-150*				
Surrogate: d-N-MeFOSA	*1.39*		*"*	*2.50*		*55.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.16*		*"*	*2.50*		*46.5*	*25-150*				
Surrogate: M3HFPO-DA	*9.27*		*"*	*10.0*		*92.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.1*		*"*	*25.0*		*44.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.0*		*"*	*25.0*		*47.9*	*25-150*				
LCS (BE50727-BS1)								Prepared: 05/09/2025 Analyzed: 05/13/2025			
Perfluorobutanesulfonic acid (PFBS)	3.29	0.177	ug/kg wet	3.54		93.1	50-150				
Perfluorohexanoic acid (PFHxA)	3.80	0.200	"	4.00		94.9	50-150				
Perfluoroheptanoic acid (PFHpA)	4.83	0.200	"	4.00		121	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.62	0.183	"	3.66		99.0	50-150				
Perfluorooctanoic acid (PFOA)	3.51	0.200	"	4.00		87.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.67	0.186	"	3.72		98.6	50-150				
Perfluorononanoic acid (PFNA)	4.11	0.200	"	4.00		103	50-150				
Perfluorodecanoic acid (PFDA)	3.80	0.200	"	4.00		95.0	50-150				
Perfluoroundecanoic acid (PFUnA)	4.58	0.200	"	4.00		114	50-150				
Perfluorododecanoic acid (PFDoA)	4.16	0.200	"	4.00		104	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.02	0.200	"	4.00		101	50-150				
Perfluorotetradecanoic acid (PFTA)	3.41	0.200	"	4.00		85.2	50-150				
N-MeFOSAA	4.01	0.200	"	4.00		100	50-150				
N-EtFOSAA	4.07	0.200	"	4.00		102	50-150				
Perfluoropentanoic acid (PFPeA)	7.52	0.400	"	8.00		94.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.32	0.200	"	4.00		83.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.83	0.200	"	3.82		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.05	0.193	"	3.86		79.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.0	0.760	"	15.2		85.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.0	0.768	"	15.4		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	12.3	0.800	"	16.0		76.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.08	0.356	"	7.12		99.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.18	0.400	"	8.00		77.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.05	0.400	"	8.00		13.1	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	15.7	0.400	"	8.00		196	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	3.80	0.188	"	3.76		101	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.7	0.750	"	15.0		91.6	50-150				
HFPO-DA (Gen-X)	8.34	0.800	"	8.00		104	50-150				
11CL-PF3OUdS	4.78	0.756	"	7.56		63.3	50-150				
9CL-PF3ONS	5.71	0.748	"	7.48		76.3	50-150				
ADONA	7.15	0.756	"	7.56		94.6	50-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

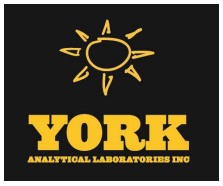
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50727 - EPA 1633 Prep											
LCS (BE50727-BS1)								Prepared: 05/09/2025 Analyzed: 05/13/2025			
Perfluorododecanesulfonic acid (PFDoS)	2.28	0.194	ug/kg wet	3.88		58.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.90	0.192	"	3.84		75.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	7.99	1.00	"	16.0		49.9	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	73.7	5.00	"	80.0		92.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	77.7	5.00	"	80.0		97.2	50-150				
N-MeFOSE	40.3	2.00	"	40.0		101	50-150				
N-MeFOSA	4.05	0.200	"	4.00		101	50-150				
N-EtFOSE	46.3	2.00	"	40.0		116	50-150				
N-EtFOSA	4.41	0.200	"	4.00		110	50-150				
Surrogate: M3PFBS	*2.41*		"	*2.33*		*104*	*25-150*				
Surrogate: M5PFHxA	*2.75*		"	*2.50*		*110*	*25-150*				
Surrogate: M4PFHpA	*1.89*		"	*2.50*		*75.5*	*25-150*				
Surrogate: M3PFHxS	*2.30*		"	*2.37*		*97.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.69*		"	*2.50*		*108*	*25-150*				
Surrogate: M6PFDA	*1.16*		"	*1.25*		*92.5*	*25-150*				
Surrogate: M7PFUdA	*0.897*		"	*1.25*		*71.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.795*		"	*1.25*		*63.6*	*25-150*				
Surrogate: M2PFTeDA	*0.797*		"	*1.25*		*63.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.453*		"	*10.0*		*4.53*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.52*		"	*2.40*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*1.41*		"	*5.00*		*28.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.30*		"	*2.50*		*92.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.32*		"	*5.00*		*66.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.41*		"	*5.00*		*68.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.29*		"	*4.76*		*90.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.49*		"	*4.80*		*72.6*	*25-200*				
Surrogate: M9PFNA	*1.11*		"	*1.25*		*88.8*	*25-150*				
Surrogate: M2-4:2 FTS	*4.26*		"	*4.69*		*90.9*	*25-150*				
Surrogate: d-N-MeFOSA	*1.51*		"	*2.50*		*60.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.20*		"	*2.50*		*48.1*	*25-150*				
Surrogate: M3HFPO-DA	*10.8*		"	*10.0*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.5*		"	*25.0*		*46.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.5*		"	*25.0*		*53.9*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50727 - EPA 1633 Prep											
LCS (BE50727-BS2)								Prepared: 05/09/2025 Analyzed: 05/13/2025			
Perfluorobutanesulfonic acid (PFBS)	0.301	0.177	ug/kg wet	0.353		85.2	50-150				
Perfluorohexanoic acid (PFHxA)	0.334	0.200	"	0.399		83.6	50-150				
Perfluoroheptanoic acid (PFHpA)	0.511	0.200	"	0.399		128	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.315	0.183	"	0.365		86.2	50-150				
Perfluorooctanoic acid (PFOA)	0.333	0.200	"	0.399		83.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.256	0.186	"	0.371		69.0	50-150				
Perfluorononanoic acid (PFNA)	0.367	0.200	"	0.399		92.0	50-150				
Perfluorodecanoic acid (PFDA)	0.357	0.200	"	0.399		89.4	50-150				
Perfluoroundecanoic acid (PFUnA)	0.410	0.200	"	0.399		103	50-150				
Perfluorododecanoic acid (PFDoA)	0.397	0.200	"	0.399		99.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.357	0.200	"	0.399		89.4	50-150				
Perfluorotetradecanoic acid (PFTA)	0.405	0.200	"	0.399		101	50-150				
N-MeFOSAA	0.379	0.200	"	0.399		94.8	50-150				
N-EtFOSAA	0.329	0.200	"	0.399		82.4	50-150				
Perfluoropentanoic acid (PFPeA)	0.725	0.399	"	0.798		90.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.268	0.200	"	0.399		67.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.334	0.200	"	0.381		87.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.351	0.193	"	0.385		91.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.13	0.758	"	1.52		74.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	1.35	0.766	"	1.53		88.3	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.20	0.798	"	1.60		75.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.615	0.355	"	0.711		86.6	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.783	0.399	"	0.798		98.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.0653	0.399	"	0.798		8.18	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.15	0.399	"	0.798		144	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.370	0.188	"	0.375		98.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	1.31	0.749	"	1.50		87.6	50-150				
HFPO-DA (Gen-X)	0.703	0.798	"	0.798		88.1	50-150				
11CL-PF3OUdS	0.399	0.754	"	0.754		52.9	50-150				
9CL-PF3ONS	0.411	0.747	"	0.747		55.1	50-150				
ADONA	0.634	0.754	"	0.754		84.1	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.196	0.194	"	0.387		50.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.319	0.192	"	0.383		83.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	0.776	0.998	"	1.60		48.6	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	6.79	4.99	"	7.98		85.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	7.01	4.99	"	7.98		87.8	50-150				
N-MeFOSE	3.23	2.00	"	3.99		80.9	50-150				
N-MeFOSA	0.369	0.200	"	0.399		92.4	50-150				
N-EtFOSE	3.22	2.00	"	3.99		80.6	50-150				
N-EtFOSA	0.531	0.200	"	0.399		133	50-150				
Surrogate: M3PFBS	*2.55*		"	*2.33*		*109*	*25-150*				
Surrogate: M5PFHxA	*2.83*		"	*2.50*		*113*	*25-150*				
Surrogate: M4PFHpA	*2.11*		"	*2.50*		*84.6*	*25-150*				
Surrogate: M3PFHxS	*2.55*		"	*2.37*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.71*		"	*2.50*		*108*	*25-150*				
Surrogate: M6PFDA	*1.27*		"	*1.25*		*102*	*25-150*				
Surrogate: M7PFUdA	*1.09*		"	*1.25*		*87.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.848*		"	*1.25*		*67.9*	*25-150*				
Surrogate: M2PFTeDA	*0.824*		"	*1.25*		*66.1*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

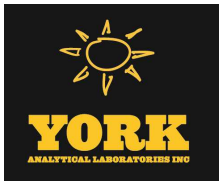
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50727 - EPA 1633 Prep											
LCS (BE50727-BS2)								Prepared: 05/09/2025 Analyzed: 05/13/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.476*		*ug/kg wet*	*9.98*		*4.77*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.62*		*"*	*2.39*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.80*		*"*	*4.99*		*56.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.49*		*"*	*2.50*		*100*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.73*		*"*	*4.99*		*74.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.85*		*"*	*4.99*		*77.2*	*25-150*				
Surrogate: M2-6:2 FTS	*3.92*		*"*	*4.75*		*82.7*	*25-200*				
Surrogate: M2-8:2 FTS	*3.15*		*"*	*4.79*		*65.7*	*25-200*				
Surrogate: M9PFNA	*1.16*		*"*	*1.25*		*93.0*	*25-150*				
Surrogate: M2-4:2 FTS	*4.18*		*"*	*4.68*		*89.4*	*25-150*				
Surrogate: d-N-MeFOSA	*1.47*		*"*	*2.50*		*58.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.875*		*"*	*2.50*		*35.1*	*25-150*				
Surrogate: M3HFPO-DA	*10.9*		*"*	*9.98*		*110*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.9*		*"*	*25.0*		*51.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.5*		*"*	*25.0*		*54.2*	*25-150*				
Matrix Spike (BE50727-MS1)	*Source sample: 25E0288-04 (25SB-1 (0-2))*							Prepared: 05/09/2025 Analyzed: 05/13/2025			
Perfluorobutanesulfonic acid (PFBS)	3.41	0.184	ug/kg dry	3.67	ND	92.8	25-150				
Perfluorohexanoic acid (PFHxA)	4.25	0.207	"	4.15	ND	102	25-150				
Perfluoroheptanoic acid (PFHpA)	4.31	0.207	"	4.15	ND	104	25-150				
Perfluorohexanesulfonic acid (PFHxS)	3.79	0.190	"	3.80	ND	99.7	25-150				
Perfluorooctanoic acid (PFOA)	3.44	0.207	"	4.15	ND	82.9	25-150				
Perfluorooctanesulfonic acid (PFOS)	3.46	0.193	"	3.86	ND	89.7	25-150				
Perfluorononanoic acid (PFNA)	3.69	0.207	"	4.15	ND	89.0	25-150				
Perfluorodecanoic acid (PFDA)	3.55	0.207	"	4.15	ND	85.7	25-150				
Perfluoroundecanoic acid (PFUnA)	3.89	0.207	"	4.15	ND	93.8	25-150				
Perfluorododecanoic acid (PFDoA)	4.02	0.207	"	4.15	ND	96.8	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.55	0.207	"	4.15	ND	110	25-150				
Perfluorotetradecanoic acid (PFTA)	4.09	0.207	"	4.15	ND	98.6	25-150				
N-MeFOSAA	4.16	0.207	"	4.15	ND	100	25-150				
N-EtFOSAA	4.18	0.207	"	4.15	ND	101	25-150				
Perfluoropentanoic acid (PFPeA)	7.92	0.415	"	8.30	ND	95.5	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.39	0.207	"	4.15	ND	81.7	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.53	0.207	"	3.96	ND	89.1	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.00	0.200	"	4.00	ND	74.8	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.0	0.788	"	15.8	ND	82.4	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.3	0.797	"	15.9	ND	102	25-150				
Perfluoro-n-butanoic acid (PFBA)	11.5	0.830	"	16.6	ND	69.2	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.12	0.369	"	7.39	ND	110	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.64	0.415	"	8.30	ND	80.0	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.12	0.415	"	8.30	ND	13.5	25-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	19.7	0.415	"	8.30	ND	237	25-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	3.93	0.195	"	3.90	ND	101	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.9	0.778	"	15.6	ND	89.5	25-150				
HFPO-DA (Gen-X)	8.50	0.830	"	8.30	ND	102	25-150				
11CL-PF3OUdS	5.59	0.784	"	7.84	ND	71.3	25-150				
9CL-PF3ONS	6.44	0.776	"	7.76	ND	83.0	25-150				
ADONA	7.52	0.784	"	7.84	ND	95.9	25-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

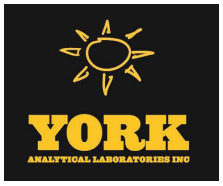
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50727 - EPA 1633 Prep											
Matrix Spike (BE50727-MS1)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared: 05/09/2025 Analyzed: 05/13/2025			
Perfluorododecanesulfonic acid (PFDoS)	2.05	0.201	ug/kg dry	4.03	ND	50.8	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.85	0.199	"	3.98	ND	71.4	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	7.00	1.04	"	16.6	ND	42.2	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	68.4	5.19	"	83.0	ND	82.4	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	76.3	5.19	"	83.0	ND	91.9	25-150				
N-MeFOSE	39.4	2.07	"	41.5	ND	94.9	25-150				
N-MeFOSA	4.31	0.207	"	4.15	ND	104	25-150				
N-EtFOSE	47.4	2.07	"	41.5	ND	114	25-150				
N-EtFOSA	3.96	0.207	"	4.15	ND	95.4	25-150				
Surrogate: M3PFBS	*2.43*		"	*2.42*		*101*	*25-150*				
Surrogate: M5PFHxA	*2.52*		"	*2.59*		*97.0*	*25-150*				
Surrogate: M4PFHpA	*2.15*		"	*2.59*		*83.0*	*25-150*				
Surrogate: M3PFHxS	*2.42*		"	*2.46*		*98.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.68*		"	*2.59*		*104*	*25-150*				
Surrogate: M6PFDA	*1.27*		"	*1.30*		*97.8*	*25-150*				
Surrogate: M7PFUdA	*1.03*		"	*1.30*		*79.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.860*		"	*1.30*		*66.3*	*25-150*				
Surrogate: M2PFTeDA	*0.630*		"	*1.30*		*48.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.322*		"	*10.4*		*3.10*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.84*		"	*2.48*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.790*		"	*5.19*		*15.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.08*		"	*2.59*		*80.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.33*		"	*5.19*		*64.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.34*		"	*5.19*		*64.4*	*25-150*				
Surrogate: M2-6:2 FTS	*4.55*		"	*4.93*		*92.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.56*		"	*4.98*		*71.4*	*25-200*				
Surrogate: M9PFNA	*1.10*		"	*1.30*		*85.1*	*25-150*				
Surrogate: M2-4:2 FTS	*4.53*		"	*4.87*		*93.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.29*		"	*2.59*		*49.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.11*		"	*2.59*		*42.7*	*25-150*				
Surrogate: M3HFPO-DA	*10.4*		"	*10.4*		*99.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.36*		"	*25.9*		*36.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.9*		"	*25.9*		*42.1*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50727 - EPA 1633 Prep											
Matrix Spike (BE50727-MS2)	*Source sample: 25E0288-18 (25SB-8 (0-2))							Prepared: 05/09/2025 Analyzed: 05/13/2025			
Perfluorobutanesulfonic acid (PFBS)	3.39	0.184	ug/kg dry	3.68	ND	92.0	25-150				
Perfluorohexanoic acid (PFHxA)	3.86	0.208	"	4.16	ND	92.6	25-150				
Perfluoroheptanoic acid (PFHpA)	4.52	0.208	"	4.16	ND	108	25-150				
Perfluorohexanesulfonic acid (PFHxS)	3.71	0.190	"	3.81	ND	97.4	25-150				
Perfluorooctanoic acid (PFOA)	3.78	0.208	"	4.16	ND	90.8	25-150				
Perfluorooctanesulfonic acid (PFOS)	3.39	0.194	"	3.87	ND	87.6	25-150				
Perfluorononanoic acid (PFNA)	3.18	0.208	"	4.16	ND	76.3	25-150				
Perfluorodecanoic acid (PFDA)	3.71	0.208	"	4.16	ND	89.1	25-150				
Perfluoroundecanoic acid (PFUnA)	3.98	0.208	"	4.16	ND	95.5	25-150				
Perfluorododecanoic acid (PFDoA)	3.84	0.208	"	4.16	ND	92.3	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.38	0.208	"	4.16	ND	105	25-150				
Perfluorotetradecanoic acid (PFTA)	3.89	0.208	"	4.16	ND	93.4	25-150				
N-MeFOSAA	4.58	0.208	"	4.16	ND	110	25-150				
N-EtFOSAA	3.97	0.208	"	4.16	ND	95.4	25-150				
Perfluoropentanoic acid (PFPeA)	8.15	0.416	"	8.33	ND	97.9	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.35	0.208	"	4.16	ND	80.5	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.47	0.208	"	3.98	ND	87.4	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.65	0.201	"	4.02	ND	66.0	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.6	0.791	"	15.8	ND	85.9	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.7	0.799	"	16.0	ND	98.5	25-150				
Perfluoro-n-butanoic acid (PFBA)	10.9	0.833	"	16.7	ND	65.4	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.47	0.371	"	7.41	ND	101	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.53	0.416	"	8.33	ND	66.4	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.11	0.416	"	8.33	ND	13.3	25-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	16.7	0.416	"	8.33	ND	201	25-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	3.80	0.196	"	3.91	ND	97.1	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.8	0.781	"	15.6	ND	88.5	25-150				
HFPO-DA (Gen-X)	9.44	0.833	"	8.33	ND	113	25-150				
11CL-PF3OUdS	5.31	0.787	"	7.87	ND	67.4	25-150				
9CL-PF3ONS	6.34	0.779	"	7.79	ND	81.4	25-150				
ADONA	8.04	0.787	"	7.87	ND	102	25-150				
Perfluorododecanesulfonic acid (PFDoS)	2.29	0.202	"	4.04	ND	56.7	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.75	0.200	"	4.00	ND	68.7	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.32	1.04	"	16.7	ND	50.0	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	74.8	5.20	"	83.3	ND	89.9	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	80.9	5.20	"	83.3	ND	97.1	25-150				
N-MeFOSE	45.6	2.08	"	41.6	ND	109	25-150				
N-MeFOSA	3.95	0.208	"	4.16	ND	95.0	25-150				
N-EtFOSE	48.6	2.08	"	41.6	ND	117	25-150				
N-EtFOSA	4.01	0.208	"	4.16	ND	96.3	25-150				
Surrogate: M3PFBS	*2.30*		"	*2.43*		*95.0*	*25-150*				
Surrogate: M5PFHxA	*2.62*		"	*2.60*		*101*	*25-150*				
Surrogate: M4PFHpA	*2.05*		"	*2.60*		*78.8*	*25-150*				
Surrogate: M3PFHxS	*2.47*		"	*2.47*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.44*		"	*2.60*		*93.8*	*25-150*				
Surrogate: M6PFDA	*1.29*		"	*1.30*		*99.3*	*25-150*				
Surrogate: M7PFUdA	*1.15*		"	*1.30*		*88.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.940*		"	*1.30*		*72.3*	*25-150*				
Surrogate: M2PFTeDA	*0.847*		"	*1.30*		*65.1*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

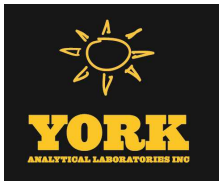
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50727 - EPA 1633 Prep											
Matrix Spike (BE50727-MS2)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/09/2025 Analyzed: 05/13/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.325*		*ug/kg dry*	*10.4*		*3.12*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.11*		*"*	*2.49*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.989*		*"*	*5.20*		*19.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.65*		*"*	*2.60*		*102*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.49*		*"*	*5.20*		*67.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.82*		*"*	*5.20*		*73.4*	*25-150*				
Surrogate: M2-6:2 FTS	*4.72*		*"*	*4.95*		*95.4*	*25-200*				
Surrogate: M2-8:2 FTS	*4.20*		*"*	*5.00*		*84.1*	*25-200*				
Surrogate: M9PFNA	*1.23*		*"*	*1.30*		*94.7*	*25-150*				
Surrogate: M2-4:2 FTS	*4.75*		*"*	*4.88*		*97.2*	*25-150*				
Surrogate: d-N-MeFOSA	*1.77*		*"*	*2.60*		*67.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.29*		*"*	*2.60*		*49.7*	*25-150*				
Surrogate: M3HFPO-DA	*10.1*		*"*	*10.4*		*96.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.8*		*"*	*26.0*		*53.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.6*		*"*	*26.0*		*56.1*	*25-150*				
Matrix Spike Dup (BE50727-MSD1)	*Source sample: 25E0288-04 (25SB-1 (0-2))								Prepared: 05/09/2025 Analyzed: 05/13/2025		
Perfluorobutanesulfonic acid (PFBS)	3.46	0.184	ug/kg dry	3.67	ND	94.2	25-150		1.47	35	
Perfluorohexanoic acid (PFHxA)	3.90	0.207	"	4.15	ND	93.9	25-150		8.66	35	
Perfluoroheptanoic acid (PFHpA)	4.33	0.207	"	4.15	ND	104	25-150		0.379	35	
Perfluorohexanesulfonic acid (PFHxS)	3.62	0.190	"	3.80	ND	95.3	25-150		4.60	35	
Perfluorooctanoic acid (PFOA)	3.54	0.207	"	4.15	ND	85.4	25-150		3.00	35	
Perfluorooctanesulfonic acid (PFOS)	3.92	0.193	"	3.86	ND	102	25-150		12.4	35	
Perfluorononanoic acid (PFNA)	3.97	0.207	"	4.15	ND	95.8	25-150		7.31	35	
Perfluorodecanoic acid (PFDA)	4.15	0.207	"	4.15	ND	100	25-150		15.5	35	
Perfluoroundecanoic acid (PFUnA)	3.99	0.207	"	4.15	ND	96.1	25-150		2.35	35	
Perfluorododecanoic acid (PFDoA)	3.79	0.207	"	4.15	ND	91.4	25-150		5.70	35	
Perfluorotridecanoic acid (PFTrDA)	4.06	0.207	"	4.15	ND	97.8	25-150		11.3	35	
Perfluorotetradecanoic acid (PFTA)	3.83	0.207	"	4.15	ND	92.4	25-150		6.57	35	
N-MeFOSAA	4.17	0.207	"	4.15	ND	100	25-150		0.0338	35	
N-EtFOSAA	3.88	0.207	"	4.15	ND	93.4	25-150		7.56	35	
Perfluoropentanoic acid (PFPeA)	7.72	0.415	"	8.30	ND	93.0	25-150		2.57	35	
Perfluoro-1-octanesulfonamide (FOSA)	3.36	0.207	"	4.15	ND	81.0	25-150		0.818	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.86	0.207	"	3.96	ND	97.4	25-150		8.89	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.50	0.200	"	4.00	ND	87.4	25-150		15.5	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.2	0.788	"	15.8	ND	83.8	25-150		1.76	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.8	0.797	"	15.9	ND	106	25-150		3.40	35	
Perfluoro-n-butanoic acid (PFBA)	11.8	0.830	"	16.6	ND	71.3	25-150		2.95	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.69	0.369	"	7.39	ND	104	25-150		5.48	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.33	0.415	"	8.30	ND	76.3	25-150		4.73	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	0.638	0.415	"	8.30	ND	7.68	25-150	Low Bias	54.9	30	Non-dir.
Perfluoro-5-oxahexanoic acid (PFMBA)	16.5	0.415	"	8.30	ND	198	25-150	High Bias	18.0	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.86	0.195	"	3.90	ND	99.0	25-150		1.79	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.6	0.778	"	15.6	ND	87.1	25-150		2.70	30	
HFPO-DA (Gen-X)	8.59	0.830	"	8.30	ND	104	25-150		1.11	30	
11CL-PF3OUdS	5.98	0.784	"	7.84	ND	76.3	25-150		6.74	30	
9CL-PF3ONS	6.88	0.776	"	7.76	ND	88.7	25-150		6.57	30	
ADONA	7.67	0.784	"	7.84	ND	97.8	25-150		1.96	30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50727 - EPA 1633 Prep											
Matrix Spike Dup (BE50727-MSD1)	*Source sample: 25E0288-04 (25SB-1 (0-2))								Prepared: 05/09/2025 Analyzed: 05/13/2025		
Perfluorododecanesulfonic acid (PFDoS)	2.20	0.201	ug/kg dry	4.03	ND	54.6	25-150		7.27	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	3.16	0.199	"	3.98	ND	79.3	25-150		10.4	30	
3-Perfluoropropyl propanoic acid (FPrPA)	5.10	1.04	"	16.6	ND	30.7	25-150		31.4	30	Non-dir.
3-Perfluoropentyl propanoic acid (FPePA)	60.5	5.19	"	83.0	ND	72.9	25-150		12.2	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	69.6	5.19	"	83.0	ND	83.9	25-150		9.09	30	
N-MeFOSE	37.1	2.07	"	41.5	ND	89.5	25-150		5.94	30	
N-MeFOSA	4.41	0.207	"	4.15	ND	106	25-150		2.38	30	
N-EtFOSE	44.6	2.07	"	41.5	ND	108	25-150		5.94	30	
N-EtFOSA	3.72	0.207	"	4.15	ND	89.7	25-150		6.23	30	
Surrogate: M3PFBS	*2.44*		"	*2.42*		*101*	*25-150*				
Surrogate: M5PFHxA	*2.66*		"	*2.59*		*103*	*25-150*				
Surrogate: M4PFHpA	*2.23*		"	*2.59*		*85.9*	*25-150*				
Surrogate: M3PFHxS	*2.46*		"	*2.46*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.70*		"	*2.59*		*104*	*25-150*				
Surrogate: M6PFDA	*1.29*		"	*1.30*		*99.5*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.30*		*86.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.978*		"	*1.30*		*75.4*	*25-150*				
Surrogate: M2PFTeDA	*0.921*		"	*1.30*		*71.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.379*		"	*10.4*		*3.65*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.69*		"	*2.48*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*1.82*		"	*5.19*		*35.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.09*		"	*2.59*		*80.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.73*		"	*5.19*		*71.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.94*		"	*5.19*		*76.0*	*25-150*				
Surrogate: M2-6:2 FTS	*4.45*		"	*4.93*		*90.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.48*		"	*4.98*		*69.9*	*25-200*				
Surrogate: M9PFNA	*1.26*		"	*1.30*		*97.0*	*25-150*				
Surrogate: M2-4:2 FTS	*4.47*		"	*4.87*		*91.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.12*		"	*2.59*		*43.1*	*25-150*				
Surrogate: d-N-EtFOSA	*0.903*		"	*2.59*		*34.8*	*25-150*				
Surrogate: M3HFPO-DA	*10.2*		"	*10.4*		*98.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.7*		"	*25.9*		*41.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.6*		"	*25.9*		*48.7*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50727 - EPA 1633 Prep											
Matrix Spike Dup (BE50727-MSD2)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/09/2025 Analyzed: 05/13/2025		
Perfluorobutanesulfonic acid (PFBS)	3.50	0.185	ug/kg dry	3.70	ND	94.7	25-150		3.31	35	
Perfluorohexanoic acid (PFHxA)	3.87	0.209	"	4.18	ND	92.6	25-150		0.306	35	
Perfluoroheptanoic acid (PFHpA)	4.65	0.209	"	4.18	ND	111	25-150		2.90	35	
Perfluorohexanesulfonic acid (PFHxS)	3.57	0.191	"	3.82	ND	93.4	25-150		3.75	35	
Perfluorooctanoic acid (PFOA)	3.63	0.209	"	4.18	ND	86.8	25-150		4.05	35	
Perfluorooctanesulfonic acid (PFOS)	3.32	0.194	"	3.89	ND	85.5	25-150		2.02	35	
Perfluorononanoic acid (PFNA)	2.76	0.209	"	4.18	ND	66.1	25-150		13.9	35	
Perfluorodecanoic acid (PFDA)	4.23	0.209	"	4.18	ND	101	25-150		13.3	35	
Perfluoroundecanoic acid (PFUnA)	4.21	0.209	"	4.18	ND	101	25-150		5.66	35	
Perfluorododecanoic acid (PFDoA)	3.70	0.209	"	4.18	ND	88.6	25-150		3.72	35	
Perfluorotridecanoic acid (PFTrDA)	4.28	0.209	"	4.18	ND	102	25-150		2.36	35	
Perfluorotetradecanoic acid (PFTA)	3.93	0.209	"	4.18	ND	94.0	25-150		1.07	35	
N-MeFOSAA	4.41	0.209	"	4.18	ND	105	25-150		3.93	35	
N-EtFOSAA	4.22	0.209	"	4.18	ND	101	25-150		6.09	35	
Perfluoropentanoic acid (PFPeA)	7.86	0.418	"	8.36	ND	94.0	25-150		3.63	35	
Perfluoro-1-octanesulfonamide (FOSA)	3.15	0.209	"	4.18	ND	75.4	25-150		6.15	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.63	0.209	"	3.99	ND	91.0	25-150		4.44	35	
Perfluoro-1-decanesulfonic acid (PFDS)	2.84	0.202	"	4.03	ND	70.4	25-150		6.90	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.2	0.794	"	15.9	ND	89.2	25-150		4.19	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.0	0.803	"	16.1	ND	99.7	25-150		1.62	35	
Perfluoro-n-butanoic acid (PFBA)	13.1	0.836	"	16.7	ND	78.4	25-150		18.5	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.31	0.372	"	7.44	ND	98.2	25-150		2.14	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.84	0.418	"	8.36	ND	81.8	25-150		21.1	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	0.792	0.418	"	8.36	ND	9.48	25-150	Low Bias	33.4	30	Non-dir.
Perfluoro-5-oxahexanoic acid (PFMBA)	12.8	0.418	"	8.36	ND	153	25-150	High Bias	26.4	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.54	0.196	"	3.93	ND	90.2	25-150		6.96	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.3	0.784	"	15.7	ND	90.9	25-150		3.12	30	
HFPO-DA (Gen-X)	7.99	0.836	"	8.36	ND	95.6	25-150		16.6	30	
11CL-PF3OUdS	5.71	0.790	"	7.90	ND	72.2	25-150		7.30	30	
9CL-PF3ONS	6.48	0.782	"	7.82	ND	82.9	25-150		2.20	30	
ADONA	7.71	0.790	"	7.90	ND	97.6	25-150		4.22	30	
Perfluorododecanesulfonic acid (PFDoS)	2.40	0.203	"	4.05	ND	59.2	25-150		4.70	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	3.01	0.201	"	4.01	ND	75.1	25-150		9.28	30	
3-Perfluoropropyl propanoic acid (FPrPA)	9.46	1.04	"	16.7	ND	56.6	25-150		12.8	30	
3-Perfluoropentyl propanoic acid (FPePA)	71.7	5.22	"	83.6	ND	85.8	25-150		4.27	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	78.6	5.22	"	83.6	ND	94.0	25-150		2.92	30	
N-MeFOSE	38.4	2.09	"	41.8	ND	91.8	25-150		17.1	30	
N-MeFOSA	4.58	0.209	"	4.18	ND	109	25-150		14.6	30	
N-EtFOSE	47.7	2.09	"	41.8	ND	114	25-150		1.83	30	
N-EtFOSA	3.18	0.209	"	4.18	ND	76.0	25-150		23.2	30	
Surrogate: M3PFBS	*2.45*		"	*2.43*		*101*	*25-150*				
Surrogate: M5PFHxA	*2.85*		"	*2.61*		*109*	*25-150*				
Surrogate: M4PFHpA	*2.13*		"	*2.61*		*81.4*	*25-150*				
Surrogate: M3PFHxS	*2.59*		"	*2.48*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.69*		"	*2.61*		*103*	*25-150*				
Surrogate: M6PFDA	*1.16*		"	*1.31*		*88.9*	*25-150*				
Surrogate: M7PFUdA	*1.14*		"	*1.31*		*87.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.03*		"	*1.31*		*78.8*	*25-150*				
Surrogate: M2PFTeDA	*0.811*		"	*1.31*		*62.1*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50727 - EPA 1633 Prep											
Matrix Spike Dup (BE50727-MSD2)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/09/2025 Analyzed: 05/13/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.490*		*ug/kg dry*	*10.4*		*4.69*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.28*		*"*	*2.50*		*131*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.62*		*"*	*5.22*		*50.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.73*		*"*	*2.61*		*104*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.59*		*"*	*5.22*		*68.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.80*		*"*	*5.22*		*72.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.37*		*"*	*4.97*		*88.0*	*25-200*				
Surrogate: M2-8:2 FTS	*4.19*		*"*	*5.02*		*83.6*	*25-200*				
Surrogate: M9PFNA	*1.45*		*"*	*1.31*		*111*	*25-150*				
Surrogate: M2-4:2 FTS	*4.55*		*"*	*4.90*		*92.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.77*		*"*	*2.61*		*67.6*	*25-150*				
Surrogate: d-N-EtFOSA	*2.07*		*"*	*2.61*		*79.2*	*25-150*				
Surrogate: M3HFPO-DA	*10.9*		*"*	*10.4*		*104*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.2*		*"*	*26.1*		*50.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.7*		*"*	*26.1*		*67.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50836 - EPA SW846-3510C Low Level											
Blank (BE50836-BLK1)									Prepared: 05/12/2025 Analyzed: 05/13/2025		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0865*		*"*	*0.200*		*43.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0819*		*"*	*0.200*		*41.0*	*30-150*				
LCS (BE50836-BS1)									Prepared: 05/12/2025 Analyzed: 05/13/2025		
4,4'-DDD	0.0709	0.00400	ug/L	0.100		70.9	40-140			20	
4,4'-DDE	0.0638	0.00400	"	0.100		63.8	40-140			20	
4,4'-DDT	0.0783	0.00400	"	0.100		78.3	40-140			20	
Aldrin	0.0453	0.00400	"	0.100		45.3	40-140			20	
alpha-BHC	0.0546	0.00400	"	0.100		54.6	40-140			20	
alpha-Chlordane	0.0585	0.00400	"	0.100		58.5	40-140			20	
beta-BHC	0.0716	0.00400	"	0.100		71.6	40-140			20	
delta-BHC	0.0475	0.00400	"	0.100		47.5	40-140			20	
Dieldrin	0.0644	0.00200	"	0.100		64.4	40-140			20	
Endosulfan I	0.0628	0.00400	"	0.100		62.8	40-140			20	
Endosulfan II	0.0705	0.00400	"	0.100		70.5	40-140			20	
Endosulfan sulfate	0.0742	0.00400	"	0.100		74.2	40-140			20	
Endrin	0.0703	0.00400	"	0.100		70.3	40-140			20	
Endrin aldehyde	0.0749	0.0100	"	0.100		74.9	40-140			20	
Endrin ketone	0.0778	0.0100	"	0.100		77.8	40-140			20	
gamma-BHC (Lindane)	0.0578	0.00400	"	0.100		57.8	40-140			20	
gamma-Chlordane	0.0616	0.0100	"	0.100		61.6	40-140			20	
Heptachlor	0.0534	0.00400	"	0.100		53.4	40-140			20	
Heptachlor epoxide	0.0624	0.00400	"	0.100		62.4	40-140			20	
Methoxychlor	0.0908	0.00400	"	0.100		90.8	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0505*		*"*	*0.200*		*25.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0739*		*"*	*0.200*		*37.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50950 - EPA 3550C											
Blank (BE50950-BLK1)											Prepared: 05/13/2025 Analyzed: 05/14/2025
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0492*		*"*	*0.0664*		*74.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0464*		*"*	*0.0664*		*69.8*	*30-150*				
LCS (BE50950-BS1)											Prepared: 05/13/2025 Analyzed: 05/14/2025
4,4'-DDD	0.0270	0.00164	mg/kg wet	0.0332		81.2	40-140				
4,4'-DDE	0.0269	0.00164	"	0.0332		80.9	40-140				
4,4'-DDT	0.0275	0.00164	"	0.0332		82.9	40-140				
Aldrin	0.0270	0.00164	"	0.0332		81.2	40-140				
alpha-BHC	0.0277	0.00164	"	0.0332		83.4	40-140				
alpha-Chlordane	0.0273	0.00164	"	0.0332		82.2	40-140				
beta-BHC	0.0305	0.00164	"	0.0332		91.8	40-140				
delta-BHC	0.0266	0.00164	"	0.0332		79.9	40-140				
Dieldrin	0.0266	0.00164	"	0.0332		79.9	40-140				
Endosulfan I	0.0277	0.00164	"	0.0332		83.5	40-140				
Endosulfan II	0.0288	0.00164	"	0.0332		86.6	40-140				
Endosulfan sulfate	0.0278	0.00164	"	0.0332		83.7	40-140				
Endrin	0.0279	0.00164	"	0.0332		83.9	40-140				
Endrin aldehyde	0.0286	0.00164	"	0.0332		86.0	40-140				
Endrin ketone	0.0284	0.00164	"	0.0332		85.4	40-140				
gamma-BHC (Lindane)	0.0274	0.00164	"	0.0332		82.5	40-140				
gamma-Chlordane	0.0277	0.00164	"	0.0332		83.3	40-140				
Heptachlor	0.0284	0.00164	"	0.0332		85.5	40-140				
Heptachlor epoxide	0.0281	0.00164	"	0.0332		84.7	40-140				
Methoxychlor	0.0325	0.00164	"	0.0332		97.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0476*		*"*	*0.0664*		*71.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0459*		*"*	*0.0664*		*69.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50950 - EPA 3550C											
Matrix Spike (BE50950-MS1)	*Source sample: 25E0288-04 (25SB-1 (0-2))								Prepared: 05/13/2025 Analyzed: 05/14/2025		
4,4'-DDD	0.0293	0.00171	mg/kg dry	0.0345	ND	85.0	30-150				
4,4'-DDE	0.0289	0.00171	"	0.0345	ND	83.8	30-150				
4,4'-DDT	0.0307	0.00171	"	0.0345	ND	89.2	30-150				
Aldrin	0.0297	0.00171	"	0.0345	ND	86.3	30-150				
alpha-BHC	0.0310	0.00171	"	0.0345	ND	89.8	30-150				
alpha-Chlordane	0.0294	0.00171	"	0.0345	ND	85.3	30-150				
beta-BHC	0.0328	0.00171	"	0.0345	ND	95.0	30-150				
delta-BHC	0.0288	0.00171	"	0.0345	ND	83.5	30-150				
Dieldrin	0.0288	0.00171	"	0.0345	ND	83.7	30-150				
Endosulfan I	0.0301	0.00171	"	0.0345	ND	87.2	30-150				
Endosulfan II	0.0309	0.00171	"	0.0345	ND	89.6	30-150				
Endosulfan sulfate	0.0298	0.00171	"	0.0345	ND	86.4	30-150				
Endrin	0.0302	0.00171	"	0.0345	ND	87.5	30-150				
Endrin aldehyde	0.0305	0.00171	"	0.0345	ND	88.6	30-150				
Endrin ketone	0.0315	0.00171	"	0.0345	ND	91.5	30-150				
gamma-BHC (Lindane)	0.0303	0.00171	"	0.0345	ND	87.8	30-150				
gamma-Chlordane	0.0297	0.00171	"	0.0345	ND	86.2	30-150				
Heptachlor	0.0313	0.00171	"	0.0345	ND	90.8	30-150				
Heptachlor epoxide	0.0307	0.00171	"	0.0345	ND	89.1	30-150				
Methoxychlor	0.0365	0.00171	"	0.0345	ND	106	30-150				
Surrogate: Decachlorobiphenyl	*0.0598*		*"*	*0.0689*		*86.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0529*		*"*	*0.0689*		*76.7*	*30-150*				
Matrix Spike Dup (BE50950-MSD1)	*Source sample: 25E0288-04 (25SB-1 (0-2))								Prepared: 05/13/2025 Analyzed: 05/14/2025		
4,4'-DDD	0.0247	0.00171	mg/kg dry	0.0345	ND	71.6	30-150		17.1	30	
4,4'-DDE	0.0245	0.00171	"	0.0345	ND	71.0	30-150		16.6	30	
4,4'-DDT	0.0251	0.00171	"	0.0345	ND	72.7	30-150		20.4	30	
Aldrin	0.0246	0.00171	"	0.0345	ND	71.3	30-150		19.0	30	
alpha-BHC	0.0255	0.00171	"	0.0345	ND	74.0	30-150		19.3	30	
alpha-Chlordane	0.0248	0.00171	"	0.0345	ND	72.0	30-150		16.9	30	
beta-BHC	0.0279	0.00171	"	0.0345	ND	80.8	30-150		16.2	30	
delta-BHC	0.0241	0.00171	"	0.0345	ND	69.8	30-150		17.9	30	
Dieldrin	0.0242	0.00171	"	0.0345	ND	70.1	30-150		17.6	30	
Endosulfan I	0.0251	0.00171	"	0.0345	ND	73.0	30-150		17.8	30	
Endosulfan II	0.0263	0.00171	"	0.0345	ND	76.2	30-150		16.2	30	
Endosulfan sulfate	0.0254	0.00171	"	0.0345	ND	73.8	30-150		15.8	30	
Endrin	0.0253	0.00171	"	0.0345	ND	73.3	30-150		17.7	30	
Endrin aldehyde	0.0251	0.00171	"	0.0345	ND	72.9	30-150		19.5	30	
Endrin ketone	0.0269	0.00171	"	0.0345	ND	78.0	30-150		16.0	30	
gamma-BHC (Lindane)	0.0252	0.00171	"	0.0345	ND	73.1	30-150		18.3	30	
gamma-Chlordane	0.0249	0.00171	"	0.0345	ND	72.2	30-150		17.7	30	
Heptachlor	0.0261	0.00171	"	0.0345	ND	75.9	30-150		18.0	30	
Heptachlor epoxide	0.0255	0.00171	"	0.0345	ND	74.0	30-150		18.5	30	
Methoxychlor	0.0302	0.00171	"	0.0345	ND	87.6	30-150		18.9	30	
Surrogate: Decachlorobiphenyl	*0.0508*		*"*	*0.0689*		*73.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0442*		*"*	*0.0689*		*64.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51052 - EPA 3550C											
Blank (BE51052-BLK1)											Prepared: 05/14/2025 Analyzed: 05/15/2025
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0310*		*"*	*0.0664*		*46.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0735*		*"*	*0.0664*		*111*	*30-150*				
LCS (BE51052-BS1)											Prepared: 05/14/2025 Analyzed: 05/15/2025
4,4'-DDD	0.0283	0.00164	mg/kg wet	0.0332		85.1	40-140				
4,4'-DDE	0.0286	0.00164	"	0.0332		86.2	40-140				
4,4'-DDT	0.0298	0.00164	"	0.0332		89.6	40-140				
Aldrin	0.0294	0.00164	"	0.0332		88.5	40-140				
alpha-BHC	0.0307	0.00164	"	0.0332		92.4	40-140				
alpha-Chlordane	0.0294	0.00164	"	0.0332		88.6	40-140				
beta-BHC	0.0336	0.00164	"	0.0332		101	40-140				
delta-BHC	0.0297	0.00164	"	0.0332		89.4	40-140				
Dieldrin	0.0290	0.00164	"	0.0332		87.4	40-140				
Endosulfan I	0.0299	0.00164	"	0.0332		90.0	40-140				
Endosulfan II	0.0306	0.00164	"	0.0332		92.1	40-140				
Endosulfan sulfate	0.0302	0.00164	"	0.0332		90.8	40-140				
Endrin	0.0301	0.00164	"	0.0332		90.5	40-140				
Endrin aldehyde	0.0308	0.00164	"	0.0332		92.6	40-140				
Endrin ketone	0.0301	0.00164	"	0.0332		90.5	40-140				
gamma-BHC (Lindane)	0.0301	0.00164	"	0.0332		90.7	40-140				
gamma-Chlordane	0.0299	0.00164	"	0.0332		89.9	40-140				
Heptachlor	0.0292	0.00164	"	0.0332		87.9	40-140				
Heptachlor epoxide	0.0304	0.00164	"	0.0332		91.6	40-140				
Methoxychlor	0.0319	0.00164	"	0.0332		96.1	40-140				
Surrogate: Decachlorobiphenyl	*0.0564*		*"*	*0.0664*		*84.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0547*		*"*	*0.0664*		*82.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51052 - EPA 3550C											
Matrix Spike (BE51052-MS1)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/14/2025 Analyzed: 05/15/2025		
4,4'-DDD	0.0303	0.00172	mg/kg dry	0.0347	ND	87.3	30-150				
4,4'-DDE	0.0258	0.00172	"	0.0347	ND	74.3	30-150				
4,4'-DDT	0.0154	0.00172	"	0.0347	ND	44.4	30-150				
Aldrin	0.0286	0.00172	"	0.0347	ND	82.5	30-150				
alpha-BHC	0.0297	0.00172	"	0.0347	ND	85.6	30-150				
alpha-Chlordane	0.0275	0.00172	"	0.0347	ND	79.1	30-150				
beta-BHC	0.0328	0.00172	"	0.0347	ND	94.4	30-150				
delta-BHC	0.0330	0.00172	"	0.0347	ND	95.1	30-150				
Dieldrin	0.0273	0.00172	"	0.0347	ND	78.7	30-150				
Endosulfan I	0.0290	0.00172	"	0.0347	ND	83.6	30-150				
Endosulfan II	0.0300	0.00172	"	0.0347	ND	86.4	30-150				
Endosulfan sulfate	0.0283	0.00172	"	0.0347	ND	81.6	30-150				
Endrin	0.0262	0.00172	"	0.0347	ND	75.5	30-150				
Endrin aldehyde	0.0301	0.00172	"	0.0347	ND	86.7	30-150				
Endrin ketone	0.0258	0.00172	"	0.0347	ND	74.4	30-150				
gamma-BHC (Lindane)	0.0291	0.00172	"	0.0347	ND	83.8	30-150				
gamma-Chlordane	0.0276	0.00172	"	0.0347	ND	79.4	30-150				
Heptachlor	0.0261	0.00172	"	0.0347	ND	75.2	30-150				
Heptachlor epoxide	0.0289	0.00172	"	0.0347	ND	83.1	30-150				
Methoxychlor	0.0176	0.00172	"	0.0347	ND	50.8	30-150				
Surrogate: Decachlorobiphenyl	*0.0277*		*"*	*0.0694*		*39.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0627*		*"*	*0.0694*		*90.3*	*30-150*				
Matrix Spike Dup (BE51052-MSD1)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/14/2025 Analyzed: 05/16/2025		
4,4'-DDD	0.0280	0.00172	mg/kg dry	0.0347	ND	80.5	30-150		8.11	30	
4,4'-DDE	0.0268	0.00172	"	0.0347	ND	77.3	30-150		3.98	30	
4,4'-DDT	0.0187	0.00172	"	0.0347	ND	54.0	30-150		19.5	30	
Aldrin	0.0231	0.00172	"	0.0347	ND	66.6	30-150		21.3	30	
alpha-BHC	0.0224	0.00172	"	0.0347	ND	64.6	30-150		27.9	30	
alpha-Chlordane	0.0251	0.00172	"	0.0347	ND	72.3	30-150		9.05	30	
beta-BHC	0.0248	0.00172	"	0.0347	ND	71.4	30-150		27.7	30	
delta-BHC	0.0220	0.00172	"	0.0347	ND	63.4	30-150		40.0	30	Non-dir.
Dieldrin	0.0244	0.00172	"	0.0347	ND	70.2	30-150		11.4	30	
Endosulfan I	0.0249	0.00172	"	0.0347	ND	71.7	30-150		15.4	30	
Endosulfan II	0.0267	0.00172	"	0.0347	ND	77.0	30-150		11.5	30	
Endosulfan sulfate	0.0247	0.00172	"	0.0347	ND	71.1	30-150		13.7	30	
Endrin	0.0250	0.00172	"	0.0347	ND	72.0	30-150		4.66	30	
Endrin aldehyde	0.0267	0.00172	"	0.0347	ND	76.9	30-150		12.0	30	
Endrin ketone	0.0242	0.00172	"	0.0347	ND	69.8	30-150		6.36	30	
gamma-BHC (Lindane)	0.0216	0.00172	"	0.0347	ND	62.3	30-150		29.5	30	
gamma-Chlordane	0.0248	0.00172	"	0.0347	ND	71.3	30-150		10.7	30	
Heptachlor	0.0217	0.00172	"	0.0347	ND	62.5	30-150		18.6	30	
Heptachlor epoxide	0.0246	0.00172	"	0.0347	ND	70.8	30-150		16.0	30	
Methoxychlor	0.0251	0.00172	"	0.0347	ND	72.3	30-150		34.9	30	Non-dir.
Surrogate: Decachlorobiphenyl	*0.0241*		*"*	*0.0694*		*34.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0446*		*"*	*0.0694*		*64.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50833 - EPA SW846-3510C Low Level											
Blank (BE50833-BLK1)									Prepared: 05/12/2025 Analyzed: 05/13/2025		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0560*		"	*0.200*		*28.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0650*		"	*0.200*		*32.5*	*30-150*				
LCS (BE50833-BS2)									Prepared: 05/12/2025 Analyzed: 05/13/2025		
Aroclor 1016	0.599	0.0500	ug/L	1.00		59.9	40-120			20	
Aroclor 1260	0.639	0.0500	"	1.00		63.9	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0560*		"	*0.200*		*28.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0610*		"	*0.200*		*30.5*	*30-150*				
Batch BE50948 - EPA 3550C											
Blank (BE50948-BLK1)									Prepared: 05/13/2025 Analyzed: 05/14/2025		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0498*		"	*0.0664*		*75.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0598*		"	*0.0664*		*90.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50948 - EPA 3550C											
LCS (BE50948-BS2)								Prepared: 05/13/2025 Analyzed: 05/14/2025			
Aroclor 1016	0.280	0.0166	mg/kg wet	0.332		84.2	40-130				
Aroclor 1260	0.302	0.0166	"	0.332		90.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0449*		"	*0.0664*		*67.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0575*		"	*0.0664*		*86.5*	*30-120*				
Matrix Spike (BE50948-MS2)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared: 05/13/2025 Analyzed: 05/15/2025			
Aroclor 1016	0.0967	0.0172	mg/kg dry	0.345	ND	28.1	40-140	Low Bias			
Aroclor 1260	0.156	0.0172	"	0.345	ND	45.2	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0362*		"	*0.0689*		*52.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0438*		"	*0.0689*		*63.5*	*30-120*				
Matrix Spike Dup (BE50948-MSD2)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared: 05/13/2025 Analyzed: 05/15/2025			
Aroclor 1016	0.104	0.0172	mg/kg dry	0.345	ND	30.2	40-140	Low Bias	7.48	50	
Aroclor 1260	0.177	0.0172	"	0.345	ND	51.3	40-140		12.6	50	
Surrogate: Tetrachloro-m-xylene	*0.0403*		"	*0.0689*		*58.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0479*		"	*0.0689*		*69.5*	*30-120*				
Batch BE51050 - EPA 3550C											
Blank (BE51050-BLK1)								Prepared: 05/14/2025 Analyzed: 05/15/2025			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0575*		"	*0.0664*		*86.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0515*		"	*0.0664*		*77.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51050 - EPA 3550C											
LCS (BE51050-BS2)									Prepared: 05/14/2025 Analyzed: 05/15/2025		
Aroclor 1016	0.308	0.0166	mg/kg wet	0.332		92.7	40-130				
Aroclor 1260	0.299	0.0166	"	0.332		89.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0532*		"	*0.0664*		*80.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0502*		"	*0.0664*		*75.5*	*30-120*				
Matrix Spike (BE51050-MS2)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/14/2025 Analyzed: 05/16/2025		
Aroclor 1016	0.306	0.0174	mg/kg dry	0.347	ND	88.2	40-140				
Aroclor 1260	0.328	0.0174	"	0.347	ND	94.4	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0493*		"	*0.0694*		*71.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0406*		"	*0.0694*		*58.5*	*30-120*				
Matrix Spike Dup (BE51050-MSD2)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/14/2025 Analyzed: 05/16/2025		
Aroclor 1016	0.350	0.0174	mg/kg dry	0.347	ND	101	40-140		13.5	50	
Aroclor 1260	0.360	0.0174	"	0.347	ND	104	40-140		9.31	50	
Surrogate: Tetrachloro-m-xylene	*0.0903*		"	*0.0694*		*130*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0455*		"	*0.0694*		*65.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50475 - EPA 3015A											
Blank (BE50475-BLK1)											Prepared: 05/07/2025 Analyzed: 05/08/2025
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BE50475-BS1)											Prepared: 05/07/2025 Analyzed: 05/08/2025
Aluminum	1.94		ug/mL	2.00		97.0	80-120				
Barium	1.94		"	2.00		96.8	80-120				
Calcium	1.60		"	1.00		160	80-120	High Bias			
Chromium	0.195		"	0.200		97.4	80-120				
Cobalt	0.483		"	0.500		96.6	80-120				
Copper	0.247		"	0.250		98.9	80-120				
Iron	0.927		"	1.00		92.7	80-120				
Lead	0.476		"	0.500		95.3	80-120				
Magnesium	1.00		"	1.00		100	80-120				
Manganese	0.488		"	0.500		97.6	80-120				
Nickel	0.489		"	0.500		97.7	80-120				
Potassium	1.02		"	1.00		102	80-120				
Silver	0.0466		"	0.0500		93.2	80-120				
Sodium	1.20		"	1.00		120	80-120				
Vanadium	0.471		"	0.500		94.2	80-120				
Zinc	0.498		"	0.500		99.5	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50583 - EPA 3050B											
Blank (BE50583-BLK1)											Prepared: 05/08/2025 Analyzed: 05/09/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BE50583-DUP1)	*Source sample: 25E0288-04 (25SB-1 (0-2))										Prepared: 05/08/2025 Analyzed: 05/09/2025
Aluminum	6290	4.32	mg/kg dry		6510				3.41	35	
Antimony	ND	2.16	"		ND					35	
Arsenic	1.31	1.30	"		1.30				1.32	35	
Barium	31.2	2.16	"		33.7				7.46	35	
Beryllium	0.093	0.044	"		0.073				24.1	35	
Cadmium	ND	0.259	"		ND					35	
Calcium	972	4.32	"		1100				12.3	35	
Chromium	13.2	0.433	"		13.0				1.46	35	
Cobalt	5.02	0.345	"		4.82				4.22	35	
Copper	13.8	1.73	"		13.3				4.09	35	
Iron	10100	21.6	"		9910				2.27	35	
Lead	3.12	0.433	"		3.22				3.27	35	
Magnesium	2700	4.33	"		2680				0.859	35	
Manganese	265	0.433	"		241				9.64	35	
Nickel	10.7	0.861	"		10.4				3.20	35	
Potassium	968	4.33	"		1140				16.3	35	
Selenium	ND	2.16	"		ND					35	
Silver	ND	0.436	"		ND					35	
Sodium	101	43.2	"		101				0.249	35	
Thallium	ND	1.73	"		ND					35	
Vanadium	18.9	0.861	"		17.2				9.52	35	
Zinc	22.2	2.15	"		22.7				2.42	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50583 - EPA 3050B											
Matrix Spike (BE50583-MS1)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared: 05/08/2025 Analyzed: 05/09/2025			
Aluminum	6250	4.32	mg/kg dry	173	6510	NR	75-125	Low Bias			
Antimony	5.08	2.16	"	21.6	ND	23.5	75-125	Low Bias			
Arsenic	147	1.30	"	173	1.30	84.5	75-125				
Barium	185	2.16	"	173	33.7	87.5	75-125				
Beryllium	4.07	0.044	"	4.32	0.073	92.5	75-125				
Cadmium	3.51	0.259	"	4.32	ND	81.2	75-125				
Calcium	1070	4.32	"	86.5	1100	NR	75-125	Low Bias			
Chromium	25.7	0.433	"	17.3	13.0	73.8	75-125	Low Bias			
Cobalt	41.7	0.345	"	43.2	4.82	85.3	75-125				
Copper	32.6	1.73	"	21.6	13.3	89.6	75-125				
Iron	9130	21.6	"	86.5	9910	NR	75-125	Low Bias			
Lead	39.3	0.433	"	43.2	3.22	83.5	75-125				
Magnesium	2690	4.33	"	86.5	2680	10.1	75-125	Low Bias			
Manganese	329	0.433	"	43.2	241	205	75-125	High Bias			
Nickel	47.1	0.861	"	43.2	10.4	85.1	75-125				
Potassium	998	4.33	"	86.5	1140	NR	75-125	Low Bias			
Selenium	141	2.16	"	173	ND	81.8	75-125				
Silver	3.74	0.436	"	4.32	ND	86.6	75-125				
Sodium	175	43.2	"	86.5	101	85.2	75-125				
Thallium	145	1.73	"	173	ND	83.6	75-125				
Vanadium	53.8	0.861	"	43.2	17.2	84.8	75-125				
Zinc	55.9	2.15	"	43.2	22.7	76.7	75-125				
Post Spike (BE50583-PS1)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared: 05/08/2025 Analyzed: 05/09/2025			
Aluminum	76.0		ug/mL	2.00	75.2	39.2	75-125	Low Bias			
Antimony	0.220		"	0.250	-0.006	87.9	75-125				
Arsenic	1.75		"	2.00	0.015	86.7	75-125				
Barium	2.13		"	2.00	0.389	87.0	75-125				
Beryllium	0.046		"	0.0500	0.0008	91.2	75-125				
Cadmium	0.042		"	0.0500	0.0008	81.4	75-125				
Calcium	13.4		"	1.00	12.7	69.0	75-125	Low Bias			
Chromium	0.319		"	0.200	0.150	84.6	75-125				
Cobalt	0.482		"	0.500	0.056	85.2	75-125				
Copper	0.382		"	0.250	0.153	91.6	75-125				
Iron	114		"	1.00	115	NR	75-125	Low Bias			
Lead	0.466		"	0.500	0.037	85.8	75-125				
Magnesium	31.6		"	1.00	31.0	59.6	75-125	Low Bias			
Manganese	3.17		"	0.500	2.79	77.0	75-125				
Nickel	0.543		"	0.500	0.120	84.7	75-125				
Potassium	14.0		"	1.00	13.2	84.3	75-125				
Selenium	1.69		"	2.00	-0.004	84.6	75-125				
Silver	0.043		"	0.0500	-0.001	85.4	75-125				
Sodium	2.06		"	1.00	1.17	89.2	75-125				
Thallium	1.71		"	2.00	-0.003	85.3	75-125				
Vanadium	0.630		"	0.500	0.199	86.2	75-125				
Zinc	0.666		"	0.500	0.263	80.6	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50583 - EPA 3050B											
Reference (BE50583-SRM1)								Prepared: 05/08/2025 Analyzed: 05/09/2025			
Aluminum	6060	4.17	mg/kg wet	7680		79.0	47.4-130.2				
Antimony	55.0	2.08	"	250		22.0	2.4-102.4				
Arsenic	170	1.25	"	229		74.0	68.1-99.6				
Barium	203	2.08	"	244		83.2	73.4-106.1				
Beryllium	132	0.042	"	165		80.2	72.7-104.2				
Cadmium	92.6	0.250	"	134		69.1	69.5-100.7	Low Bias			
Calcium	3420	4.17	"	4280		79.9	78.5-112.1				
Chromium	130	0.417	"	172		75.5	72.1-105.8				
Cobalt	197	0.333	"	253		77.8	75.9-107.1				
Copper	83.4	1.67	"	99.6		83.7	76.1-107.4				
Iron	6130	20.8	"	7360		83.2	57.9-132.7				
Lead	125	0.417	"	153		82.0	75.2-109.2				
Magnesium	1690	4.17	"	2060		81.9	70.4-114				
Manganese	357	0.417	"	442		80.8	73.3-107.9				
Nickel	125	0.830	"	165		75.6	70.9-103				
Potassium	1620	4.17	"	1950		83.0	65.1-115.4				
Selenium	83.8	2.08	"	107		78.3	69.4-107.5				
Silver	70.3	0.420	"	83.9		83.8	72.8-110.7				
Sodium	579	41.7	"	732		79.1	66.5-113.9				
Thallium	157	1.67	"	208		75.4	70.7-105.3				
Vanadium	134	0.830	"	179		74.7	69.8-108.4				
Zinc	240	2.08	"	327		73.4	68.2-107.3				
Batch BE50634 - EPA 3050B											
Blank (BE50634-BLK1)								Prepared: 05/08/2025 Analyzed: 05/09/2025			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50634 - EPA 3050B											
Reference (BE50634-SRM1)								Prepared: 05/08/2025 Analyzed: 05/09/2025			
Aluminum	6280	4.17	mg/kg wet	7680		81.7	47.4-130.2				
Antimony	57.3	2.08	"	250		22.9	2.4-102.4				
Arsenic	162	1.25	"	229		70.6	68.1-99.6				
Barium	168	2.08	"	244		69.0	73.4-106.1	Low Bias			
Beryllium	125	0.042	"	165		75.7	72.7-104.2				
Cadmium	89.2	0.250	"	134		66.5	69.5-100.7	Low Bias			
Calcium	3290	4.17	"	4280		77.0	78.5-112.1	Low Bias			
Chromium	123	0.417	"	172		71.5	72.1-105.8	Low Bias			
Cobalt	186	0.333	"	253		73.6	75.9-107.1	Low Bias			
Copper	79.5	1.67	"	99.6		79.8	76.1-107.4				
Iron	6060	20.8	"	7360		82.3	57.9-132.7				
Lead	121	0.417	"	153		79.0	75.2-109.2				
Magnesium	1670	4.17	"	2060		80.9	70.4-114				
Manganese	332	0.417	"	442		75.1	73.3-107.9				
Nickel	118	0.830	"	165		71.7	70.9-103				
Potassium	1640	4.17	"	1950		84.0	65.1-115.4				
Selenium	78.3	2.08	"	107		73.1	69.4-107.5				
Silver	58.6	0.420	"	83.9		69.8	72.8-110.7	Low Bias			
Sodium	559	41.7	"	732		76.4	66.5-113.9				
Thallium	151	1.67	"	208		72.8	70.7-105.3				
Vanadium	127	0.830	"	179		71.0	69.8-108.4				
Zinc	231	2.08	"	327		70.6	68.2-107.3				
Batch BE50637 - EPA 3050B											
Blank (BE50637-BLK1)								Prepared: 05/08/2025 Analyzed: 05/09/2025			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	8.53	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50637 - EPA 3050B											
Duplicate (BE50637-DUP1)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/08/2025 Analyzed: 05/09/2025		
Aluminum	7270	4.35	mg/kg dry		7400				1.73	35	
Antimony	ND	2.18	"		ND					35	
Arsenic	2.33	1.31	"		2.72				15.2	35	
Barium	66.1	2.17	"		59.0				11.4	35	
Beryllium	ND	0.044	"		ND					35	
Cadmium	ND	0.261	"		ND					35	
Calcium	5250	4.35	"		7740				38.4	35	Non-dir.
Chromium	16.5	0.436	"		18.0				8.28	35	
Cobalt	6.84	0.348	"		7.16				4.48	35	
Copper	25.3	1.74	"		25.3				0.0345	35	
Iron	15400	21.8	"		15200				1.46	35	
Lead	47.3	0.436	"		59.4				22.7	35	
Magnesium	4030	4.36	"		4120				2.28	35	
Manganese	334	0.436	"		315				6.03	35	
Nickel	15.0	0.867	"		15.1				1.21	35	
Potassium	1700	4.36	"		1750				2.65	35	
Selenium	ND	2.18	"		ND					35	
Silver	ND	0.439	"		ND					35	
Sodium	183	43.5	"		192				4.43	35	
Thallium	ND	1.75	"		ND					35	
Vanadium	22.9	0.867	"		23.5				2.67	35	
Zinc	62.4	2.17	"		70.6				12.4	35	
Matrix Spike (BE50637-MS1)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/08/2025 Analyzed: 05/09/2025		
Aluminum	7900	4.35	mg/kg dry	174	7400	289	75-125	High Bias			
Antimony	3.67	2.18	"	21.8	ND	16.9	75-125	Low Bias			
Arsenic	143	1.31	"	174	2.72	80.4	75-125				
Barium	212	2.17	"	174	59.0	87.9	75-125				
Beryllium	3.80	0.044	"	4.35	ND	87.3	75-125				
Cadmium	3.46	0.261	"	4.35	ND	79.4	75-125				
Calcium	7490	4.35	"	87.1	7740	NR	75-125	Low Bias			
Chromium	33.2	0.436	"	17.4	18.0	87.6	75-125				
Cobalt	43.1	0.348	"	43.5	7.16	82.6	75-125				
Copper	45.1	1.74	"	21.8	25.3	91.1	75-125				
Iron	16300	21.8	"	87.1	15200	NR	75-125	High Bias			
Lead	67.4	0.436	"	43.5	59.4	18.4	75-125	Low Bias			
Magnesium	4170	4.36	"	87.1	4120	56.5	75-125	Low Bias			
Manganese	370	0.436	"	43.5	315	128	75-125	High Bias			
Nickel	50.6	0.867	"	43.5	15.1	81.4	75-125				
Potassium	1860	4.36	"	87.1	1750	124	75-125				
Selenium	135	2.18	"	174	ND	77.7	75-125				
Silver	3.71	0.439	"	4.35	ND	85.2	75-125				
Sodium	254	43.5	"	87.1	192	71.2	75-125	Low Bias			
Thallium	138	1.75	"	174	ND	79.2	75-125				
Vanadium	60.2	0.867	"	43.5	23.5	84.3	75-125				
Zinc	89.2	2.17	"	43.5	70.6	42.5	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50637 - EPA 3050B											
Post Spike (BE50637-PS1)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/08/2025 Analyzed: 05/09/2025		
Aluminum	85.2		ug/mL	2.00	84.9	12.4	75-125	Low Bias			
Antimony	0.213		"	0.250	-0.004	85.3	75-125				
Arsenic	1.70		"	2.00	0.031	83.3	75-125				
Barium	2.33		"	2.00	0.677	82.8	75-125				
Beryllium	0.044		"	0.0500	-0.0005	87.3	75-125				
Cadmium	0.042		"	0.0500	0.003	77.8	75-125				
Calcium	88.2		"	1.00	88.9	NR	75-125	Low Bias			
Chromium	0.368		"	0.200	0.206	81.0	75-125				
Cobalt	0.492		"	0.500	0.082	82.0	75-125				
Copper	0.515		"	0.250	0.290	90.1	75-125				
Iron	173		"	1.00	175	NR	75-125	Low Bias			
Lead	1.09		"	0.500	0.682	80.9	75-125				
Magnesium	47.4		"	1.00	47.4	9.26	75-125	Low Bias			
Manganese	3.96		"	0.500	3.61	69.5	75-125	Low Bias			
Nickel	0.581		"	0.500	0.174	81.4	75-125				
Potassium	20.5		"	1.00	20.1	46.8	75-125	Low Bias			
Selenium	1.61		"	2.00	-0.006	80.6	75-125				
Silver	0.043		"	0.0500	-0.0004	85.4	75-125				
Sodium	3.04		"	1.00	2.20	84.1	75-125				
Thallium	1.64		"	2.00	-0.008	81.9	75-125				
Vanadium	0.689		"	0.500	0.270	83.8	75-125				
Zinc	1.19		"	0.500	0.811	74.8	75-125	Low Bias			
Reference (BE50637-SRM1)									Prepared: 05/08/2025 Analyzed: 05/09/2025		
Aluminum	6790	4.17	mg/kg wet	7680		88.4	47.4-130.2				
Antimony	51.4	2.08	"	250		20.6	2.4-102.4				
Arsenic	167	1.25	"	229		73.1	68.1-99.6				
Barium	181	2.08	"	244		74.1	73.4-106.1				
Beryllium	132	0.042	"	165		80.1	72.7-104.2				
Cadmium	93.7	0.250	"	134		69.9	69.5-100.7				
Calcium	3420	4.17	"	4280		80.0	78.5-112.1				
Chromium	130	0.417	"	172		75.6	72.1-105.8				
Cobalt	196	0.333	"	253		77.6	75.9-107.1				
Copper	83.1	1.67	"	99.6		83.5	76.1-107.4				
Iron	6110	20.8	"	7360		83.1	57.9-132.7				
Lead	122	0.417	"	153		79.5	75.2-109.2				
Magnesium	1740	4.17	"	2060		84.5	70.4-114				
Manganese	338	0.417	"	442		76.5	73.3-107.9				
Nickel	123	0.830	"	165		74.6	70.9-103				
Potassium	1730	4.17	"	1950		88.8	65.1-115.4				
Selenium	81.9	2.08	"	107		76.5	69.4-107.5				
Silver	63.6	0.420	"	83.9		75.8	72.8-110.7				
Sodium	588	41.7	"	732		80.3	66.5-113.9				
Thallium	157	1.67	"	208		75.7	70.7-105.3				
Vanadium	134	0.830	"	179		74.8	69.8-108.4				
Zinc	239	2.08	"	327		73.2	68.2-107.3				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50472 - EPA 3015A											
Blank (BE50472-BLK1)											Prepared: 05/07/2025 Analyzed: 05/09/2025
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BE50472-BS1)											Prepared: 05/07/2025 Analyzed: 05/09/2025
Antimony	61.2		ug/L	50.0		122	80-120	High Bias			
Arsenic	51.5		"	50.0		103	80-120				
Beryllium	57.3		"	50.0		115	80-120				
Cadmium	58.4		"	50.0		117	80-120				
Selenium	53.7		"	50.0		107	80-120				
Thallium	47.0		"	50.0		94.1	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50733 - EPA 7473 soil											
Blank (BE50733-BLK1)									Prepared: 05/09/2025 Analyzed: 05/13/2025		
Mercury	ND	0.0300	mg/kg wet								
Reference (BE50733-SRM1)									Prepared: 05/09/2025 Analyzed: 05/13/2025		
Mercury	17.162		mg/kg	24.0		71.5	55.8-109.6				
Batch BE50786 - EPA 7473 soil											
Blank (BE50786-BLK1)									Prepared: 05/10/2025 Analyzed: 05/13/2025		
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BE50786-DUP1)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/10/2025 Analyzed: 05/13/2025		
Mercury	0.0590	0.0313	mg/kg dry		0.0763				25.5	35	
Matrix Spike (BE50786-MS1)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared: 05/10/2025 Analyzed: 05/13/2025		
Mercury	0.978		mg/kg	1.00	0.0730	90.5	75-125				
Reference (BE50786-SRM1)									Prepared: 05/10/2025 Analyzed: 05/13/2025		
Mercury	21.219		mg/kg	24.0		88.4	55.8-109.6				
Batch BE50787 - EPA 7473 soil											
Blank (BE50787-BLK1)									Prepared: 05/10/2025 Analyzed: 05/13/2025		
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BE50787-DUP1)	*Source sample: 25E0288-04 (25SB-1 (0-2))								Prepared: 05/10/2025 Analyzed: 05/13/2025		
Mercury	ND	0.0311	mg/kg dry		ND					35	

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50787 - EPA 7473 soil											
Matrix Spike (BE50787-MS1)	*Source sample: 25E0288-04 (25SB-1 (0-2))								Prepared: 05/10/2025 Analyzed: 05/13/2025		
Mercury	0.648		mg/kg	1.00	0.0202	62.8	75-125	Low Bias			
Reference (BE50787-SRM1)									Prepared: 05/10/2025 Analyzed: 05/13/2025		
Mercury	15.447		mg/kg	24.0		64.4	55.8-109.6				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50448 - Analysis Preparation											
Blank (BE50448-BLK1)								Prepared & Analyzed: 05/06/2025			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BE50448-BS1)								Prepared & Analyzed: 05/06/2025			
Chromium, Hexavalent	0.449	0.0100	mg/L	0.500		89.8	85-115				
Duplicate (BE50448-DUP1)	*Source sample: 25E0288-22 (FB-3)							Prepared & Analyzed: 05/06/2025			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BE50448-MS1)	*Source sample: 25E0288-22 (FB-3)							Prepared & Analyzed: 05/06/2025			
Chromium, Hexavalent	0.416	0.0100	mg/L	0.500	ND	83.2	85-115	Low Bias			
Matrix Spike Dup (BE50448-MSD1)	*Source sample: 25E0288-22 (FB-3)							Prepared & Analyzed: 05/06/2025			
Chromium, Hexavalent	0.485	0.0100	mg/L	0.500	ND	97.1	85-115		15.4	200	
Batch BE50636 - EPA SW846-3060											
Blank (BE50636-BLK1)								Prepared & Analyzed: 05/08/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BE50636-DUP1)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared & Analyzed: 05/08/2025			
Chromium, Hexavalent	0.506	0.519	mg/kg dry		0.506				0.00	35	
Matrix Spike (BE50636-MS1)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared & Analyzed: 05/08/2025			
Chromium, Hexavalent	15.4	0.519	mg/kg dry	20.7	0.506	71.6	75-125	Low Bias			
Matrix Spike Dup (BE50636-MSD1)	*Source sample: 25E0288-04 (25SB-1 (0-2))							Prepared & Analyzed: 05/08/2025			
Chromium, Hexavalent	14.3	0.519	mg/kg dry	20.7	0.506	66.6	75-125	Low Bias	6.91	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50636 - EPA SW846-3060											
Reference (BE50636-SRM1)								Prepared & Analyzed: 05/08/2025			
Chromium, Hexavalent	169		mg/L	227		74.3	42.3-157.7				
Batch BE50713 - EPA SW846-3060											
Blank (BE50713-BLK1)								Prepared & Analyzed: 05/09/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BE50713-DUP1)	*Source sample: 25E0288-18 (25SB-8 (0-2))							Prepared & Analyzed: 05/09/2025			
Chromium, Hexavalent	ND	0.522	mg/kg dry		ND					35	
Matrix Spike (BE50713-MS1)	*Source sample: 25E0288-18 (25SB-8 (0-2))							Prepared & Analyzed: 05/09/2025			
Chromium, Hexavalent	17.3	0.522	mg/kg dry	20.9	ND	82.7	75-125				
Matrix Spike Dup (BE50713-MSD1)	*Source sample: 25E0288-18 (25SB-8 (0-2))							Prepared & Analyzed: 05/09/2025			
Chromium, Hexavalent	14.7	0.522	mg/kg dry	20.9	ND	70.2	75-125	Low Bias	16.3	200	
Reference (BE50713-SRM1)								Prepared & Analyzed: 05/09/2025			
Chromium, Hexavalent	184		mg/L	227		81.1	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50594 - % Solids Prep											
Duplicate (BE50594-DUP1)	*Source sample: 25E0288-04 (25SB-1 (0-2))								Prepared & Analyzed: 05/08/2025		
% Solids	96.9	0.100	%		96.4				0.490	20	
Batch BE50601 - % Solids Prep											
Duplicate (BE50601-DUP1)	*Source sample: 25E0288-18 (25SB-8 (0-2))								Prepared & Analyzed: 05/08/2025		
% Solids	95.6	0.100	%		95.7				0.131	20	

SW7470A - Quality Control Data

Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 783863A - SW7470A											
BLK (CT24973-BLK)									Prepared & Analyzed: 05/12/2025		
Mercury	BRL	0.0002	mg/L			BRL	-				
LCS (CT24973-LCS)									Prepared & Analyzed: 05/12/2025		
Mercury	0.002872	0.0002	mg/L	0.0025		115	75-125			20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25E0288-01	25SB-15 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0288-02	25SB-15 (4-6)	40mL Vial with Stir Bar-Cool 4° C
25E0288-03	25SB-15 (10-12)	40mL Vial with Stir Bar-Cool 4° C
25E0288-04	25SB-1 (0-2)	40mL 01_Clear Vial Cool to 4° C
25E0288-05	25SB-1 (2-4)	40mL Vial with Stir Bar-Cool 4° C
25E0288-06	25SB-1 (11-13)	40mL Vial with Stir Bar-Cool 4° C
25E0288-07	25SB-14 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0288-08	25SB-14 (4-6)	40mL Vial with Stir Bar-Cool 4° C
25E0288-09	25SB-14 (10-12)	40mL Vial with Stir Bar-Cool 4° C
25E0288-10	25SB-11 (0-1.5)	40mL Vial with Stir Bar-Cool 4° C
25E0288-11	TB-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E0288-12	25SB-7 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0288-13	25SB-7 (3-5)	40mL Vial with Stir Bar-Cool 4° C
25E0288-14	25SB-7 (6-8)	40mL Vial with Stir Bar-Cool 4° C
25E0288-15	25SB-3 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0288-16	25SB-3 (4-6)	40mL Vial with Stir Bar-Cool 4° C
25E0288-17	25SB-3 (11-13)	40mL Vial with Stir Bar-Cool 4° C
25E0288-18	25SB-8 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0288-19	25SB-8 (3-5)	40mL Vial with Stir Bar-Cool 4° C
25E0288-20	25SB-8 (12.5-14.5)	40mL Vial with Stir Bar-Cool 4° C
25E0288-21	25SB-DUP-3 (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E0288-22	FB-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
HT-PR	Sample was prepared outside of the recommended holding time.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
A-01	incorrect surr added resutling in below limit recovery. batch accepted based on passing spike recovery.
PCB-Tot	It is noted that other PCB species were detected in the sample other than those reported and may include PCB 1262 and PCB 1268.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
S-08	The recovery of this surrogate was outside of QC limits.
S-Alk	The surrogate recoveries for the acid surrogates in the sample recovered below control limits due to a highly alkaline matrix present in the sample. This is common when concrete or mixtures containing concrete or limestone are encountered.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to add 1,4 Dioxane to Field Blank.

YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 25E0288

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	32-20 38th Avenue, Queens New York	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
Phone.: (347) 871-0750	Company:	Company:	Purchase Order #	RUSH-Two Day
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	RUSH-Four Day
				Standard (5-7day)

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel *compared to:* Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

David Klein
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL5 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-15 (0-2)	5/6/2025 0815	S	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals, PFAS (1633), 1,4 Dioxane, hex chrome, trivalent chrome	1-4oz, 1PFAS 1- 8 oz jar, 1- terracore
25SB-15 (4-6)	5/6/2025 0827	S	Same as above	same as above
25SB-15 (10-12)	5/6/2025 0829	S	Same as above	same as above
25SB-110-2)	5/6/2025 0910	S	Same as above	same as above
25SB-1(2-4)	5/6/2025 0915	S	Same as above	same as above
25SB-1(11-13)	5/6/2025 0930	S	Same as above	same as above
25SB-14 (0-2)	5/6/2025 1000	S	Same as above	same as above
25SB-14 (4-6)	5/6/2025 1002	S	Same as above	same as above
25SB-14 (10-12)	5/6/2025 1004	S	Same as above	same as above
25SB-11 (0-1.5)	5/6/2025 1020	S	Same as above	same as above
25SB-	5/ /2025	[redacted]	[redacted]	same as above
25SB-	5/ /2025	[redacted]	[redacted]	same as above
TB-23	LAB	TB	TCL VOC	2-VOAs y/AA

Comments:

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	5/6/25 1430		5/6/25 21:15

Temperature on Receipt: 1.6 °C

YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 25E0288

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME [X]	SAME [X]	32-20 38th Avenue, Queens New York	RUSH-Same Day	Summary Report
Address: 37 West 37th Street,	Name:	Name:		RUSH-Next Day	QA Report X
6th Floor, New York, NY 10018	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: (347) 871-0750	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorconsultants.com		RUSH-Four Day	NY ASP A Package
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	Standard (5-7day)	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to: Part 375 Unrestricted Use and Restricted Residential Use
					OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes: S - soil; Other - specify(oil, etc.); WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-7 (0-2)	5/6/2025 1200	S	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals, PFAS (1633), 1,4 Dioxane, hex chrome, trivalent chrome	1T402, 1PFAS 1- 8 oz jar, 1- terracore
25SB-7 (3-5)	5/6/2025 1205	S	Same as above	same as above
25SB-7 (6-8)	5/6/2025 1210	S	Same as above	same as above
25SB-3 (0-2)	5/6/2025 1320	S	Same as above	same as above
25SB-3 (4-6)	5/6/2025 1322	S	Same as above	same as above
25SB-3 (11-13)	5/6/2025 1324	S	Same as above	same as above
25SB-8 (0-2)	5/6/2025 1345	S	Same as above	same as above
25SB-8 (3.5)	5/6/2025 1348	S	Same as above	same as above
25SB-8 (17.5-19.5)	5/6/2025 1350	S	Same as above	same as above
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

Comments:

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions
Field Filtered ☐
Lab to Filter ☑

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	5/6/25 1430	[signature]	5/6/25 1428	
			5/6/25 21:05	1.6 °C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 25E0288

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	32-20 38th Avenue, Queens New York	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
Phone.: (347) 871-0750	Company:	Company:	Purchase Order #	RUSH-Two Day
Contact: Ezgi Karayel	Address:	Address:		RUSH-Three Day
E-mail: ezgi@vektorconsultants.com	dklein@vektorconsultants.com	E-mail AP@vektorconsultants.com	Samples from CT__NY_x_NJ__	RUSH-Four Day / Standard (5-7day)

Report/Deliverable Type

Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel *compared to:* Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

David Klein
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxin/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25-SB-DUP - 2 (0-2)	5/6/2025 1201	S	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals, PFAS (1633), 1,4 Dioxane, hex chrome, trivalent chrome	1-4oz, 1-PFAS 1- 8 oz jar, 1- terracore
25-SB-DUP - [illegible]	5/ /2025	S	Same as above	same as above
25-SB-DUP [illegible]	5/ /2025	S	Same as above	same as above
25-SB- -MS - 2	5/6/2025 0911	S	Same as above	same as above
25-SB- -MS - 3	5/6/2025 1346	S	Same as above	same as above
25-SB- -MS	5/ /2025	S	Same as above	same as above
25-SB- -MSD - 2	5/6/2025 0912	S	Same as above	same as above
25-SB- -MSD - 3	5/6/2025 1347	S	Same as above	same as above
25-SB- -MSD	5/ /2025	S	Same as above	same as above
[illegible]	[illegible]	[illegible]		
FB-3	5/6/25 0930	FB	SAA	5-VOA, 2-PFAS, 500 mL CPlastic 1-PFAS 1L

Comments:

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	5/6/25 1430	[signature]	5/6/25 1425
		[signature]	5/6/25 21:05

Temperature on Receipt 1.6 °C

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 06/04/2025
Client Project ID: 32-20 38th Avenue, Queens New York
York Project (SDG) No.: 25E1667

Report Date: 06/04/2025
Client Project ID: 32-20 38th Avenue, Queens New York
York Project (SDG) No.: 25E1667

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 27, 2025 and listed below. The project was identified as your project: **32-20 38th Avenue, Queens New York**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25E1667-01	25SB-16(0-2)	Soil	05/27/2025	05/27/2025
25E1667-02	25SB-16(2-4)	Soil	05/27/2025	05/27/2025
25E1667-03	25SB-16(11-13)	Soil	05/27/2025	05/27/2025
25E1667-04	25SB-17(0-2)	Soil	05/27/2025	05/27/2025
25E1667-05	25SB-17(2-4)	Soil	05/27/2025	05/27/2025
25E1667-06	25SB-17(12-14)	Soil	05/27/2025	05/27/2025
25E1667-07	DUP-4(0-2)	Soil	05/27/2025	05/27/2025
25E1667-08	FB-4	Water	05/27/2025	05/27/2025
25E1667-09	TB-4	Water	05/27/2025	05/27/2025

General Notes for York Project (SDG) No.: 25E1667

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 06/04/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 25SB-16(0-2) **York Sample ID:** 25E1667-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-16(0-2) **York Sample ID:** 25E1667-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-16(0-2) **York Sample ID:** 25E1667-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-16(0-2) **York Sample ID:** 25E1667-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.1**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-16(2-4) **York Sample ID:** 25E1667-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-16(2-4) **York Sample ID:** 25E1667-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-16(2-4) **York Sample ID:** 25E1667-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-16(2-4) **York Sample ID:** 25E1667-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**99.7**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-16(11-13) **York Sample ID:** 25E1667-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-16(11-13) **York Sample ID:** 25E1667-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-16(11-13) **York Sample ID:** 25E1667-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.0096**		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.0066**		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-16(11-13) **York Sample ID:** 25E1667-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.8**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-17(0-2) **York Sample ID:** 25E1667-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.099	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-17(0-2) **York Sample ID:** 25E1667-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.0099	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.0099	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-17(0-2) **York Sample ID:** 25E1667-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.0099	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.0099	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-17(0-2) **York Sample ID:** 25E1667-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.1**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25SB-17(2-4) **York Sample ID:** 25E1667-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-17(2-4) **York Sample ID:** 25E1667-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-17(2-4) **York Sample ID:** 25E1667-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-17(2-4) **York Sample ID:** 25E1667-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.7**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **25SB-17(12-14)** **York Sample ID:** **25E1667-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-17(12-14) **York Sample ID:** 25E1667-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25SB-17(12-14) **York Sample ID:** 25E1667-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25SB-17(12-14) **York Sample ID:** 25E1667-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: DUP-4(0-2) **York Sample ID:** 25E1667-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP-4(0-2) **York Sample ID:** 25E1667-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: DUP-4(0-2) **York Sample ID:** 25E1667-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP-4(0-2) **York Sample ID:** 25E1667-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.8**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: FB-4 **York Sample ID:** 25E1667-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 9:51 am	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: FB-4 **York Sample ID:** 25E1667-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 9:51 am	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE	ug/L	0.163	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: FB-4 **York Sample ID:** 25E1667-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 9:51 am	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB-4 **York Sample ID:** 25E1667-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 9:51 am	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.3 %*	*79-122*

Sample Information

Client Sample ID: TB-4 **York Sample ID:** 25E1667-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 2:00 pm	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB-4 **York Sample ID:** 25E1667-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 2:00 pm	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE	ug/L	0.163	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB-4 **York Sample ID:** 25E1667-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 2:00 pm	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**3.79**		ug/L	0.397	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB-4 **York Sample ID:** 25E1667-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 2:00 pm	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*111 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.7 %*	*79-122*

Analytical Batch Summary

Batch ID: BE52180 **Preparation Method:** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25E1667-01	25SB-16(0-2)	05/29/25
25E1667-02	25SB-16(2-4)	05/29/25
25E1667-03	25SB-16(11-13)	05/29/25
25E1667-04	25SB-17(0-2)	05/29/25
25E1667-05	25SB-17(2-4)	05/29/25
25E1667-06	25SB-17(12-14)	05/29/25
25E1667-07	DUP-4(0-2)	05/29/25
BE52180-DUP1	Duplicate	05/29/25

Batch ID: BE52232 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25E1667-02	25SB-16(2-4)	05/29/25
25E1667-04	25SB-17(0-2)	05/29/25
25E1667-05	25SB-17(2-4)	05/29/25
25E1667-07	DUP-4(0-2)	05/29/25
BE52232-BLK1	Blank	05/29/25
BE52232-BS1	LCS	05/29/25
BE52232-BSD1	LCS Dup	05/29/25

Batch ID: BE52284 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25E1667-06	25SB-17(12-14)	05/30/25
BE52284-BLK1	Blank	05/30/25
BE52284-BS1	LCS	05/30/25
BE52284-BSD1	LCS Dup	05/30/25
BE52284-MS1	Matrix Spike	05/30/25
BE52284-MSD1	Matrix Spike Dup	05/30/25

Batch ID: BF50025 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25E1667-01	25SB-16(0-2)	06/02/25
25E1667-03	25SB-16(11-13)	06/02/25
BF50025-BLK1	Blank	06/02/25
BF50025-BS1	LCS	06/02/25
BF50025-BSD1	LCS Dup	06/02/25

Batch ID: BF50204 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25E1667-08	FB-4	06/03/25

25E1667-09	TB-4	06/03/25
BF50204-BLK1	Blank	06/03/25
BF50204-BS1	LCS	06/03/25
BF50204-BSD1	LCS Dup	06/03/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52232 - EPA 5035A											
Blank (BE52232-BLK1)											Prepared & Analyzed: 05/29/2025
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.0069	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52232 - EPA 5035A											
Blank (BE52232-BLK1)								Prepared & Analyzed: 05/29/2025			
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.5*		*"*	*50.0*		*94.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.9*		*"*	*50.0*		*108*	*76-130*				
LCS (BE52232-BS1)								Prepared & Analyzed: 05/29/2025			
1,1,1,2-Tetrachloroethane	41.6		ug/L	50.0		83.2	75-129				
1,1,1-Trichloroethane	49.8		"	50.0		99.7	71-137				
1,1,2,2-Tetrachloroethane	43.7		"	50.0		87.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.2		"	50.0		70.5	58-146				
1,1,2-Trichloroethane	46.0		"	50.0		92.0	83-123				
1,1-Dichloroethane	48.6		"	50.0		97.2	75-130				
1,1-Dichloroethylene	41.9		"	50.0		83.7	64-137				
1,2,3-Trichlorobenzene	53.8		"	50.0		108	81-140				
1,2,3-Trichloropropane	43.5		"	50.0		87.1	81-126				
1,2,4-Trichlorobenzene	56.3		"	50.0		113	80-141				
1,2,4-Trimethylbenzene	41.9		"	50.0		83.7	84-125	Low Bias			
1,2-Dibromo-3-chloropropane	44.1		"	50.0		88.2	74-142				
1,2-Dibromoethane	47.9		"	50.0		95.8	86-123				
1,2-Dichlorobenzene	43.7		"	50.0		87.4	85-122				
1,2-Dichloroethane	48.3		"	50.0		96.6	71-133				
1,2-Dichloropropane	48.6		"	50.0		97.3	81-122				
1,3,5-Trimethylbenzene	43.6		"	50.0		87.2	82-126				
1,3-Dichlorobenzene	41.1		"	50.0		82.3	84-124	Low Bias			
1,4-Dichlorobenzene	48.4		"	50.0		96.8	84-124				
1,4-Dioxane	979		"	1050		93.2	10-228				
2-Butanone	45.7		"	50.0		91.3	58-147				
2-Hexanone	46.7		"	50.0		93.4	70-139				
4-Methyl-2-pentanone	45.6		"	50.0		91.2	72-132				
Acetone	37.8		"	50.0		75.7	36-155				
Acrolein	25.1		"	50.0		50.2	10-238				
Acrylonitrile	53.5		"	50.0		107	66-141				
Benzene	48.5		"	50.0		97.0	77-127				
Bromochloromethane	53.7		"	50.0		107	74-129				
Bromodichloromethane	44.7		"	50.0		89.5	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52232 - EPA 5035A											
LCS (BE52232-BS1)								Prepared & Analyzed: 05/29/2025			
Bromoform	48.5		ug/L	50.0		96.9	80-136				
Bromomethane	38.8		"	50.0		77.6	32-177				
Carbon disulfide	43.0		"	50.0		86.0	10-136				
Carbon tetrachloride	49.7		"	50.0		99.5	66-143				
Chlorobenzene	46.1		"	50.0		92.2	86-120				
Chloroethane	46.1		"	50.0		92.2	51-142				
Chloroform	47.7		"	50.0		95.4	76-131				
Chloromethane	50.9		"	50.0		102	49-132				
cis-1,2-Dichloroethylene	49.7		"	50.0		99.4	74-132				
cis-1,3-Dichloropropylene	45.3		"	50.0		90.5	81-129				
Cyclohexane	54.7		"	50.0		109	70-130				
Dibromochloromethane	46.5		"	50.0		93.1	10-200				
Dibromomethane	45.8		"	50.0		91.7	83-124				
Dichlorodifluoromethane	62.7		"	50.0		125	28-158				
Ethyl Benzene	43.7		"	50.0		87.3	84-125				
Hexachlorobutadiene	56.5		"	50.0		113	83-133				
Isopropylbenzene	43.2		"	50.0		86.4	81-127				
Methyl acetate	51.9		"	50.0		104	41-143				
Methyl tert-butyl ether (MTBE)	46.4		"	50.0		92.8	74-131				
Methylcyclohexane	49.2		"	50.0		98.3	70-130				
Methylene chloride	50.3		"	50.0		101	57-141				
n-Butylbenzene	41.7		"	50.0		83.3	80-130				
n-Propylbenzene	43.3		"	50.0		86.7	74-136				
o-Xylene	44.2		"	50.0		88.4	83-123				
p- & m- Xylenes	90.4		"	100		90.4	82-128				
p-Isopropyltoluene	40.5		"	50.0		81.0	85-125	Low Bias			
sec-Butylbenzene	43.5		"	50.0		86.9	83-125				
Styrene	42.2		"	50.0		84.4	86-126	Low Bias			
tert-Butyl alcohol (TBA)	238		"	250		95.2	70-130				
tert-Butylbenzene	42.8		"	50.0		85.6	80-127				
Tetrachloroethylene	43.2		"	50.0		86.4	80-129				
Toluene	45.6		"	50.0		91.1	85-121				
trans-1,2-Dichloroethylene	49.3		"	50.0		98.7	72-132				
trans-1,3-Dichloropropylene	43.6		"	50.0		87.1	78-132				
Trichloroethylene	46.7		"	50.0		93.5	84-123				
Trichlorofluoromethane	44.2		"	50.0		88.3	62-140				
Vinyl Chloride	46.8		"	50.0		93.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.7*		*"*	*50.0*		*95.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*98.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52232 - EPA 5035A											
LCS Dup (BE52232-BSD1)								Prepared & Analyzed: 05/29/2025			
1,1,1,2-Tetrachloroethane	42.0		ug/L	50.0		83.9	75-129		0.838	30	
1,1,1-Trichloroethane	49.8		"	50.0		99.6	71-137		0.0803	30	
1,1,2,2-Tetrachloroethane	45.9		"	50.0		91.7	79-129		4.89	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	34.8		"	50.0		69.6	58-146		1.23	30	
1,1,2-Trichloroethane	46.6		"	50.0		93.3	83-123		1.42	30	
1,1-Dichloroethane	48.5		"	50.0		97.1	75-130		0.124	30	
1,1-Dichloroethylene	41.2		"	50.0		82.4	64-137		1.59	30	
1,2,3-Trichlorobenzene	56.3		"	50.0		113	81-140		4.52	30	
1,2,3-Trichloropropane	45.9		"	50.0		91.8	81-126		5.26	30	
1,2,4-Trichlorobenzene	57.6		"	50.0		115	80-141		2.25	30	
1,2,4-Trimethylbenzene	42.4		"	50.0		84.7	84-125		1.21	30	
1,2-Dibromo-3-chloropropane	46.0		"	50.0		92.0	74-142		4.24	30	
1,2-Dibromoethane	49.6		"	50.0		99.3	86-123		3.55	30	
1,2-Dichlorobenzene	44.9		"	50.0		89.8	85-122		2.80	30	
1,2-Dichloroethane	48.4		"	50.0		96.7	71-133		0.145	30	
1,2-Dichloropropane	48.0		"	50.0		95.9	81-122		1.39	30	
1,3,5-Trimethylbenzene	43.9		"	50.0		87.8	82-126		0.708	30	
1,3-Dichlorobenzene	41.7		"	50.0		83.4	84-124	Low Bias	1.33	30	
1,4-Dichlorobenzene	49.4		"	50.0		98.7	84-124		1.94	30	
1,4-Dioxane	1000		"	1050		95.3	10-228		2.25	30	
2-Butanone	47.4		"	50.0		94.8	58-147		3.76	30	
2-Hexanone	48.7		"	50.0		97.4	70-139		4.26	30	
4-Methyl-2-pentanone	48.4		"	50.0		96.9	72-132		6.02	30	
Acetone	38.7		"	50.0		77.4	36-155		2.30	30	
Acrolein	24.2		"	50.0		48.3	10-238		3.78	30	
Acrylonitrile	53.8		"	50.0		108	66-141		0.503	30	
Benzene	48.6		"	50.0		97.2	77-127		0.144	30	
Bromochloromethane	53.3		"	50.0		107	74-129		0.711	30	
Bromodichloromethane	44.8		"	50.0		89.7	81-124		0.223	30	
Bromoform	49.6		"	50.0		99.2	80-136		2.35	30	
Bromomethane	38.0		"	50.0		75.9	32-177		2.19	30	
Carbon disulfide	42.8		"	50.0		85.7	10-136		0.396	30	
Carbon tetrachloride	49.8		"	50.0		99.5	66-143		0.0603	30	
Chlorobenzene	46.1		"	50.0		92.2	86-120		0.0868	30	
Chloroethane	44.3		"	50.0		88.6	51-142		3.94	30	
Chloroform	47.5		"	50.0		95.0	76-131		0.462	30	
Chloromethane	50.2		"	50.0		100	49-132		1.52	30	
cis-1,2-Dichloroethylene	49.5		"	50.0		99.0	74-132		0.423	30	
cis-1,3-Dichloropropylene	45.6		"	50.0		91.3	81-129		0.836	30	
Cyclohexane	54.6		"	50.0		109	70-130		0.165	30	
Dibromochloromethane	47.5		"	50.0		95.0	10-200		2.06	30	
Dibromomethane	46.1		"	50.0		92.2	83-124		0.587	30	
Dichlorodifluoromethane	62.2		"	50.0		124	28-158		0.832	30	
Ethyl Benzene	43.6		"	50.0		87.2	84-125		0.0917	30	
Hexachlorobutadiene	57.5		"	50.0		115	83-133		1.81	30	
Isopropylbenzene	43.8		"	50.0		87.6	81-127		1.33	30	
Methyl acetate	53.1		"	50.0		106	41-143		2.30	30	
Methyl tert-butyl ether (MTBE)	47.3		"	50.0		94.6	74-131		1.99	30	
Methylcyclohexane	49.2		"	50.0		98.3	70-130		0.00	30	
Methylene chloride	50.5		"	50.0		101	57-141		0.516	30	
n-Butylbenzene	41.7		"	50.0		83.5	80-130		0.168	30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52232 - EPA 5035A											
LCS Dup (BE52232-BSD1)								Prepared & Analyzed: 05/29/2025			
n-Propylbenzene	43.4		ug/L	50.0		86.9	74-136		0.230	30	
o-Xylene	44.1		"	50.0		88.2	83-123		0.204	30	
p- & m- Xylenes	89.9		"	100		89.9	82-128		0.532	30	
p-Isopropyltoluene	40.8		"	50.0		81.6	85-125	Low Bias	0.763	30	
sec-Butylbenzene	44.0		"	50.0		88.0	83-125		1.19	30	
Styrene	42.6		"	50.0		85.2	86-126	Low Bias	0.896	30	
tert-Butyl alcohol (TBA)	259		"	250		104	70-130		8.48	30	
tert-Butylbenzene	43.5		"	50.0		87.1	80-127		1.74	30	
Tetrachloroethylene	43.3		"	50.0		86.5	80-129		0.139	30	
Toluene	45.1		"	50.0		90.3	85-121		0.926	30	
trans-1,2-Dichloroethylene	49.4		"	50.0		98.8	72-132		0.101	30	
trans-1,3-Dichloropropylene	44.0		"	50.0		88.0	78-132		1.05	30	
Trichloroethylene	47.0		"	50.0		93.9	84-123		0.470	30	
Trichlorofluoromethane	42.7		"	50.0		85.3	62-140		3.46	30	
Vinyl Chloride	44.9		"	50.0		89.8	52-130		4.17	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*99.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.4*		*"*	*50.0*		*94.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				
Batch BE52284 - EPA 5035A											
Blank (BE52284-BLK1)								Prepared & Analyzed: 05/30/2025			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52284 - EPA 5035A											
Blank (BE52284-BLK1)											Prepared & Analyzed: 05/30/2025
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.0071	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.4*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.7*		*"*	*50.0*		*107*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52284 - EPA 5035A											
LCS (BE52284-BS1)								Prepared & Analyzed: 05/30/2025			
1,1,1,2-Tetrachloroethane	40.1		ug/L	50.0		80.2	75-129				
1,1,1-Trichloroethane	47.5		"	50.0		95.1	71-137				
1,1,2,2-Tetrachloroethane	42.2		"	50.0		84.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.4		"	50.0		94.9	58-146				
1,1,2-Trichloroethane	44.3		"	50.0		88.6	83-123				
1,1-Dichloroethane	46.2		"	50.0		92.4	75-130				
1,1-Dichloroethylene	46.4		"	50.0		92.8	64-137				
1,2,3-Trichlorobenzene	49.8		"	50.0		99.6	81-140				
1,2,3-Trichloropropane	40.5		"	50.0		80.9	81-126	Low Bias			
1,2,4-Trichlorobenzene	52.4		"	50.0		105	80-141				
1,2,4-Trimethylbenzene	40.3		"	50.0		80.6	84-125	Low Bias			
1,2-Dibromo-3-chloropropane	41.7		"	50.0		83.4	74-142				
1,2-Dibromoethane	45.0		"	50.0		89.9	86-123				
1,2-Dichlorobenzene	42.6		"	50.0		85.1	85-122				
1,2-Dichloroethane	48.6		"	50.0		97.1	71-133				
1,2-Dichloropropane	46.2		"	50.0		92.3	81-122				
1,3,5-Trimethylbenzene	41.3		"	50.0		82.6	82-126				
1,3-Dichlorobenzene	39.9		"	50.0		79.9	84-124	Low Bias			
1,4-Dichlorobenzene	46.0		"	50.0		92.1	84-124				
1,4-Dioxane	897		"	1050		85.4	10-228				
2-Butanone	42.8		"	50.0		85.6	58-147				
2-Hexanone	45.4		"	50.0		90.7	70-139				
4-Methyl-2-pentanone	43.7		"	50.0		87.4	72-132				
Acetone	40.5		"	50.0		81.0	36-155				
Acrolein	25.7		"	50.0		51.4	10-238				
Acrylonitrile	51.4		"	50.0		103	66-141				
Benzene	46.6		"	50.0		93.2	77-127				
Bromochloromethane	53.1		"	50.0		106	74-129				
Bromodichloromethane	43.1		"	50.0		86.3	81-124				
Bromoform	45.9		"	50.0		91.8	80-136				
Bromomethane	43.2		"	50.0		86.4	32-177				
Carbon disulfide	40.2		"	50.0		80.4	10-136				
Carbon tetrachloride	48.1		"	50.0		96.2	66-143				
Chlorobenzene	45.3		"	50.0		90.6	86-120				
Chloroethane	50.2		"	50.0		100	51-142				
Chloroform	46.2		"	50.0		92.3	76-131				
Chloromethane	50.1		"	50.0		100	49-132				
cis-1,2-Dichloroethylene	47.4		"	50.0		94.8	74-132				
cis-1,3-Dichloropropylene	42.4		"	50.0		84.8	81-129				
Cyclohexane	51.9		"	50.0		104	70-130				
Dibromochloromethane	44.5		"	50.0		89.0	10-200				
Dibromomethane	44.6		"	50.0		89.3	83-124				
Dichlorodifluoromethane	55.9		"	50.0		112	28-158				
Ethyl Benzene	43.3		"	50.0		86.6	84-125				
Hexachlorobutadiene	52.3		"	50.0		105	83-133				
Isopropylbenzene	40.0		"	50.0		80.0	81-127	Low Bias			
Methyl acetate	50.5		"	50.0		101	41-143				
Methyl tert-butyl ether (MTBE)	40.0		"	50.0		80.0	74-131				
Methylcyclohexane	46.3		"	50.0		92.6	70-130				
Methylene chloride	49.0		"	50.0		97.9	57-141				
n-Butylbenzene	41.6		"	50.0		83.3	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

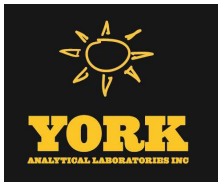
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52284 - EPA 5035A											
LCS (BE52284-BS1)								Prepared & Analyzed: 05/30/2025			
n-Propylbenzene	40.9		ug/L	50.0		81.8	74-136				
o-Xylene	43.6		"	50.0		87.2	83-123				
p- & m- Xylenes	92.0		"	100		92.0	82-128				
p-Isopropyltoluene	39.1		"	50.0		78.2	85-125	Low Bias			
sec-Butylbenzene	41.0		"	50.0		82.0	83-125	Low Bias			
Styrene	42.2		"	50.0		84.5	86-126	Low Bias			
tert-Butyl alcohol (TBA)	202		"	250		80.6	70-130				
tert-Butylbenzene	39.2		"	50.0		78.4	80-127	Low Bias			
Tetrachloroethylene	40.9		"	50.0		81.9	80-129				
Toluene	44.6		"	50.0		89.2	85-121				
trans-1,2-Dichloroethylene	47.5		"	50.0		95.0	72-132				
trans-1,3-Dichloropropylene	41.4		"	50.0		82.9	78-132				
Trichloroethylene	43.2		"	50.0		86.4	84-123				
Trichlorofluoromethane	45.7		"	50.0		91.4	62-140				
Vinyl Chloride	49.3		"	50.0		98.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.8*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.3*		*"*	*50.0*		*96.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*76-130*				
LCS Dup (BE52284-BSD1)								Prepared & Analyzed: 05/30/2025			
1,1,1,2-Tetrachloroethane	39.9		ug/L	50.0		79.7	75-129		0.625	30	
1,1,1-Trichloroethane	47.7		"	50.0		95.5	71-137		0.399	30	
1,1,2,2-Tetrachloroethane	42.4		"	50.0		84.7	79-129		0.284	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.0		"	50.0		90.0	58-146		5.24	30	
1,1,2-Trichloroethane	44.2		"	50.0		88.4	83-123		0.271	30	
1,1-Dichloroethane	46.4		"	50.0		92.8	75-130		0.410	30	
1,1-Dichloroethylene	44.7		"	50.0		89.3	64-137		3.86	30	
1,2,3-Trichlorobenzene	51.2		"	50.0		102	81-140		2.69	30	
1,2,3-Trichloropropane	41.6		"	50.0		83.3	81-126		2.85	30	
1,2,4-Trichlorobenzene	53.8		"	50.0		108	80-141		2.79	30	
1,2,4-Trimethylbenzene	40.5		"	50.0		81.0	84-125	Low Bias	0.470	30	
1,2-Dibromo-3-chloropropane	42.2		"	50.0		84.4	74-142		1.10	30	
1,2-Dibromoethane	45.3		"	50.0		90.7	86-123		0.842	30	
1,2-Dichlorobenzene	42.7		"	50.0		85.4	85-122		0.328	30	
1,2-Dichloroethane	47.3		"	50.0		94.5	71-133		2.69	30	
1,2-Dichloropropane	46.7		"	50.0		93.5	81-122		1.23	30	
1,3,5-Trimethylbenzene	41.8		"	50.0		83.6	82-126		1.18	30	
1,3-Dichlorobenzene	39.9		"	50.0		79.8	84-124	Low Bias	0.100	30	
1,4-Dichlorobenzene	47.0		"	50.0		94.0	84-124		2.11	30	
1,4-Dioxane	899		"	1050		85.6	10-228		0.235	30	
2-Butanone	43.2		"	50.0		86.5	58-147		0.999	30	
2-Hexanone	45.1		"	50.0		90.2	70-139		0.508	30	
4-Methyl-2-pentanone	43.7		"	50.0		87.4	72-132		0.0686	30	
Acetone	37.8		"	50.0		75.6	36-155		6.95	30	
Acrolein	24.2		"	50.0		48.4	10-238		5.97	30	
Acrylonitrile	51.1		"	50.0		102	66-141		0.546	30	
Benzene	46.3		"	50.0		92.6	77-127		0.667	30	
Bromochloromethane	52.5		"	50.0		105	74-129		1.23	30	
Bromodichloromethane	42.8		"	50.0		85.6	81-124		0.838	30	
Bromoform	45.7		"	50.0		91.5	80-136		0.371	30	
Bromomethane	41.3		"	50.0		82.5	32-177		4.59	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52284 - EPA 5035A											
LCS Dup (BE52284-BSD1)								Prepared & Analyzed: 05/30/2025			
Carbon disulfide	40.5		ug/L	50.0		81.0	10-136		0.669	30	
Carbon tetrachloride	47.3		"	50.0		94.6	66-143		1.70	30	
Chlorobenzene	44.3		"	50.0		88.6	86-120		2.19	30	
Chloroethane	48.0		"	50.0		95.9	51-142		4.50	30	
Chloroform	45.8		"	50.0		91.5	76-131		0.914	30	
Chloromethane	50.0		"	50.0		100	49-132		0.0999	30	
cis-1,2-Dichloroethylene	47.6		"	50.0		95.1	74-132		0.316	30	
cis-1,3-Dichloropropylene	43.0		"	50.0		86.0	81-129		1.41	30	
Cyclohexane	51.8		"	50.0		104	70-130		0.270	30	
Dibromochloromethane	44.2		"	50.0		88.4	10-200		0.609	30	
Dibromomethane	43.9		"	50.0		87.8	83-124		1.65	30	
Dichlorodifluoromethane	57.7		"	50.0		115	28-158		3.19	30	
Ethyl Benzene	42.3		"	50.0		84.6	84-125		2.36	30	
Hexachlorobutadiene	51.4		"	50.0		103	83-133		1.76	30	
Isopropylbenzene	40.7		"	50.0		81.4	81-127		1.78	30	
Methyl acetate	49.5		"	50.0		98.9	41-143		2.02	30	
Methyl tert-butyl ether (MTBE)	42.4		"	50.0		84.7	74-131		5.71	30	
Methylcyclohexane	46.0		"	50.0		92.0	70-130		0.693	30	
Methylene chloride	48.9		"	50.0		97.9	57-141		0.0817	30	
n-Butylbenzene	40.7		"	50.0		81.4	80-130		2.23	30	
n-Propylbenzene	41.6		"	50.0		83.2	74-136		1.65	30	
o-Xylene	42.8		"	50.0		85.6	83-123		1.87	30	
p- & m- Xylenes	89.1		"	100		89.1	82-128		3.19	30	
p-Isopropyltoluene	39.0		"	50.0		78.0	85-125	Low Bias	0.256	30	
sec-Butylbenzene	41.2		"	50.0		82.3	83-125	Low Bias	0.414	30	
Styrene	41.2		"	50.0		82.3	86-126	Low Bias	2.61	30	
tert-Butyl alcohol (TBA)	218		"	250		87.2	70-130		7.85	30	
tert-Butylbenzene	40.0		"	50.0		80.1	80-127		2.09	30	
Tetrachloroethylene	40.4		"	50.0		80.8	80-129		1.25	30	
Toluene	43.6		"	50.0		87.2	85-121		2.31	30	
trans-1,2-Dichloroethylene	47.8		"	50.0		95.5	72-132		0.504	30	
trans-1,3-Dichloropropylene	41.5		"	50.0		83.1	78-132		0.265	30	
Trichloroethylene	44.4		"	50.0		88.9	84-123		2.78	30	
Trichlorofluoromethane	43.6		"	50.0		87.3	62-140		4.66	30	
Vinyl Chloride	47.4		"	50.0		94.8	52-130		3.93	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.1*		*"*	*50.0*		*96.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.4*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52284 - EPA 5035A											
Matrix Spike (BE52284-MS1)	*Source sample: 25E1667-06 (25SB-17(12-14))							Prepared & Analyzed: 05/30/2025			
1,1,1,2-Tetrachloroethane	33.6		ug/L	50.0	0.00	67.1	15-161				
1,1,1-Trichloroethane	39.0		"	50.0	0.00	78.1	42-145				
1,1,2,2-Tetrachloroethane	34.9		"	50.0	0.00	69.8	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39.8		"	50.0	0.00	79.6	11-160				
1,1,2-Trichloroethane	37.3		"	50.0	0.00	74.7	44-145				
1,1-Dichloroethane	39.5		"	50.0	0.00	79.0	46-142				
1,1-Dichloroethylene	41.0		"	50.0	0.00	81.9	30-153				
1,2,3-Trichlorobenzene	34.6		"	50.0	0.00	69.2	10-157				
1,2,3-Trichloropropane	33.3		"	50.0	0.00	66.7	38-155				
1,2,4-Trichlorobenzene	33.5		"	50.0	0.00	67.1	10-151				
1,2,4-Trimethylbenzene	30.8		"	50.0	0.00	61.7	10-170				
1,2-Dibromo-3-chloropropane	34.1		"	50.0	0.00	68.3	36-138				
1,2-Dibromoethane	36.8		"	50.0	0.00	73.7	40-142				
1,2-Dichlorobenzene	33.9		"	50.0	0.00	67.9	10-147				
1,2-Dichloroethane	41.1		"	50.0	0.00	82.1	48-133				
1,2-Dichloropropane	39.8		"	50.0	0.00	79.5	47-141				
1,3,5-Trimethylbenzene	31.5		"	50.0	0.00	62.9	10-150				
1,3-Dichlorobenzene	31.3		"	50.0	0.00	62.6	10-144				
1,4-Dichlorobenzene	36.7		"	50.0	0.00	73.3	10-160				
1,4-Dioxane	712		"	1050	0.00	67.8	10-191				
2-Butanone	33.8		"	50.0	0.00	67.6	10-189				
2-Hexanone	33.7		"	50.0	0.00	67.3	10-181				
4-Methyl-2-pentanone	34.1		"	50.0	0.00	68.3	10-166				
Acetone	30.6		"	50.0	0.00	61.1	10-196				
Acrolein	20.7		"	50.0	0.00	41.4	10-192				
Acrylonitrile	43.6		"	50.0	0.00	87.1	13-161				
Benzene	39.5		"	50.0	0.00	79.0	43-139				
Bromochloromethane	46.2		"	50.0	0.00	92.3	38-145				
Bromodichloromethane	36.2		"	50.0	0.00	72.5	38-147				
Bromoform	36.3		"	50.0	0.00	72.7	29-156				
Bromomethane	37.4		"	50.0	0.00	74.8	10-166				
Carbon disulfide	33.5		"	50.0	0.00	66.9	10-131				
Carbon tetrachloride	39.9		"	50.0	0.00	79.8	35-145				
Chlorobenzene	37.5		"	50.0	0.00	74.9	21-154				
Chloroethane	44.0		"	50.0	0.00	88.1	15-160				
Chloroform	38.8		"	50.0	0.00	77.6	47-142				
Chloromethane	43.0		"	50.0	0.00	86.0	10-159				
cis-1,2-Dichloroethylene	40.0		"	50.0	0.00	80.0	42-144				
cis-1,3-Dichloropropylene	34.8		"	50.0	0.00	69.7	18-159				
Cyclohexane	41.0		"	50.0	0.00	82.1	70-130				
Dibromochloromethane	36.6		"	50.0	0.00	73.3	10-179				
Dibromomethane	37.4		"	50.0	0.00	74.8	47-143				
Dichlorodifluoromethane	42.6		"	50.0	0.00	85.1	10-145				
Ethyl Benzene	35.3		"	50.0	0.00	70.6	11-158				
Hexachlorobutadiene	30.9		"	50.0	0.00	61.8	10-158				
Isopropylbenzene	30.9		"	50.0	0.00	61.8	10-162				
Methyl acetate	41.7		"	50.0	0.00	83.4	10-149				
Methyl tert-butyl ether (MTBE)	32.4		"	50.0	0.00	64.7	42-152				
Methylcyclohexane	32.5		"	50.0	0.00	65.0	70-130	Low Bias			
Methylene chloride	41.5		"	50.0	1.76	79.6	28-151				
n-Butylbenzene	27.4		"	50.0	0.00	54.8	10-162				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52284 - EPA 5035A											
Matrix Spike (BE52284-MS1)	*Source sample: 25E1667-06 (25SB-17(12-14))							Prepared & Analyzed: 05/30/2025			
n-Propylbenzene	31.2		ug/L	50.0	0.00	62.5	10-155				
o-Xylene	35.2		"	50.0	0.00	70.4	10-158				
p- & m- Xylenes	73.9		"	100	0.00	73.9	10-156				
p-Isopropyltoluene	27.4		"	50.0	0.00	54.7	10-147				
sec-Butylbenzene	28.6		"	50.0	0.00	57.1	10-157				
Styrene	34.5		"	50.0	0.00	69.0	13-171				
tert-Butyl alcohol (TBA)	159		"	250	0.00	63.6	34-179				
tert-Butylbenzene	29.0		"	50.0	0.00	57.9	10-160				
Tetrachloroethylene	32.8		"	50.0	0.00	65.5	30-167				
Toluene	37.0		"	50.0	0.00	74.0	21-160				
trans-1,2-Dichloroethylene	40.1		"	50.0	0.00	80.2	29-153				
trans-1,3-Dichloropropylene	34.0		"	50.0	0.00	67.9	18-155				
Trichloroethylene	36.3		"	50.0	0.00	72.6	24-169				
Trichlorofluoromethane	39.7		"	50.0	0.00	79.5	35-142				
Vinyl Chloride	42.4		"	50.0	0.00	84.7	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.7*	*76-130*				
Matrix Spike Dup (BE52284-MSD1)	*Source sample: 25E1667-06 (25SB-17(12-14))							Prepared & Analyzed: 05/30/2025			
1,1,1,2-Tetrachloroethane	31.2		ug/L	50.0	0.00	62.4	15-161		7.29	33	
1,1,1-Trichloroethane	37.4		"	50.0	0.00	74.8	42-145		4.21	30	
1,1,2,2-Tetrachloroethane	34.4		"	50.0	0.00	68.8	16-167		1.44	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	34.9		"	50.0	0.00	69.8	11-160		13.1	31	
1,1,2-Trichloroethane	36.1		"	50.0	0.00	72.2	44-145		3.43	40	
1,1-Dichloroethane	37.6		"	50.0	0.00	75.1	46-142		5.01	36	
1,1-Dichloroethylene	37.6		"	50.0	0.00	75.3	30-153		8.42	31	
1,2,3-Trichlorobenzene	31.3		"	50.0	0.00	62.5	10-157		10.1	47	
1,2,3-Trichloropropane	33.4		"	50.0	0.00	66.9	38-155		0.329	48	
1,2,4-Trichlorobenzene	29.1		"	50.0	0.00	58.2	10-151		14.1	52	
1,2,4-Trimethylbenzene	27.6		"	50.0	0.00	55.3	10-170		10.9	242	
1,2-Dibromo-3-chloropropane	33.9		"	50.0	0.00	67.8	36-138		0.764	54	
1,2-Dibromoethane	36.4		"	50.0	0.00	72.9	40-142		1.09	39	
1,2-Dichlorobenzene	31.3		"	50.0	0.00	62.6	10-147		8.13	52	
1,2-Dichloroethane	39.8		"	50.0	0.00	79.5	48-133		3.24	32	
1,2-Dichloropropane	37.8		"	50.0	0.00	75.5	47-141		5.19	37	
1,3,5-Trimethylbenzene	27.7		"	50.0	0.00	55.5	10-150		12.6	62	
1,3-Dichlorobenzene	28.3		"	50.0	0.00	56.6	10-144		10.0	51	
1,4-Dichlorobenzene	33.3		"	50.0	0.00	66.6	10-160		9.55	52	
1,4-Dioxane	768		"	1050	0.00	73.1	10-191		7.55	196	
2-Butanone	33.5		"	50.0	0.00	66.9	10-189		0.922	67	
2-Hexanone	34.7		"	50.0	0.00	69.4	10-181		3.07	60	
4-Methyl-2-pentanone	35.4		"	50.0	0.00	70.9	10-166		3.76	47	
Acetone	32.2		"	50.0	0.00	64.3	10-196		5.13	150	
Acrolein	20.2		"	50.0	0.00	40.3	10-192		2.69	128	
Acrylonitrile	42.2		"	50.0	0.00	84.5	13-161		3.10	48	
Benzene	36.8		"	50.0	0.00	73.7	43-139		6.92	64	
Bromochloromethane	43.2		"	50.0	0.00	86.3	38-145		6.72	30	
Bromodichloromethane	34.7		"	50.0	0.00	69.4	38-147		4.31	37	
Bromoform	35.5		"	50.0	0.00	71.0	29-156		2.34	51	
Bromomethane	34.7		"	50.0	0.00	69.3	10-166		7.63	42	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52284 - EPA 5035A											
Matrix Spike Dup (BE52284-MSD1)	*Source sample: 25E1667-06 (25SB-17(12-14))								Prepared & Analyzed: 05/30/2025		
Carbon disulfide	31.9		ug/L	50.0	0.00	63.8	10-131		4.77	36	
Carbon tetrachloride	37.2		"	50.0	0.00	74.5	35-145		6.92	31	
Chlorobenzene	34.5		"	50.0	0.00	69.0	21-154		8.28	32	
Chloroethane	41.0		"	50.0	0.00	81.9	15-160		7.27	40	
Chloroform	37.1		"	50.0	0.00	74.2	47-142		4.48	29	
Chloromethane	41.6		"	50.0	0.00	83.3	10-159		3.14	31	
cis-1,2-Dichloroethylene	38.1		"	50.0	0.00	76.2	42-144		4.92	30	
cis-1,3-Dichloropropylene	34.1		"	50.0	0.00	68.2	18-159		2.18	39	
Cyclohexane	36.9		"	50.0	0.00	73.7	70-130		10.7	30	
Dibromochloromethane	35.4		"	50.0	0.00	70.7	10-179		3.56	41	
Dibromomethane	36.2		"	50.0	0.00	72.4	47-143		3.18	41	
Dichlorodifluoromethane	40.8		"	50.0	0.00	81.5	10-145		4.30	34	
Ethyl Benzene	31.6		"	50.0	0.00	63.3	11-158		10.8	42	
Hexachlorobutadiene	23.9		"	50.0	0.00	47.7	10-158		25.7	45	
Isopropylbenzene	28.0		"	50.0	0.00	56.0	10-162		9.89	57	
Methyl acetate	45.8		"	50.0	0.00	91.6	10-149		9.46	64	
Methyl tert-butyl ether (MTBE)	33.5		"	50.0	0.00	67.1	42-152		3.58	47	
Methylcyclohexane	27.4		"	50.0	0.00	54.9	70-130	Low Bias	16.9	30	
Methylene chloride	39.4		"	50.0	1.75	75.3	28-151		5.31	49	
n-Butylbenzene	22.0		"	50.0	0.00	44.0	10-162		21.9	96	
n-Propylbenzene	28.0		"	50.0	0.00	55.9	10-155		11.1	56	
o-Xylene	32.0		"	50.0	0.00	63.9	10-158		9.56	51	
p- & m- Xylenes	65.7		"	100	0.00	65.7	10-156		11.8	47	
p-Isopropyltoluene	22.5		"	50.0	0.00	45.1	10-147		19.4	60	
sec-Butylbenzene	23.5		"	50.0	0.00	47.0	10-157		19.5	56	
Styrene	31.4		"	50.0	0.00	62.8	13-171		9.38	39	
tert-Butyl alcohol (TBA)	184		"	250	0.00	73.8	34-179		14.8	35	
tert-Butylbenzene	24.6		"	50.0	0.00	49.2	10-160		16.2	79	
Tetrachloroethylene	30.1		"	50.0	0.00	60.2	30-167		8.37	33	
Toluene	34.2		"	50.0	0.00	68.5	21-160		7.72	50	
trans-1,2-Dichloroethylene	37.9		"	50.0	0.00	75.7	29-153		5.72	30	
trans-1,3-Dichloropropylene	33.4		"	50.0	0.00	66.8	18-155		1.72	30	
Trichloroethylene	34.4		"	50.0	0.00	68.8	24-169		5.41	30	
Trichlorofluoromethane	35.5		"	50.0	0.00	71.0	35-142		11.3	30	
Vinyl Chloride	39.8		"	50.0	0.00	79.6	12-160		6.21	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.0*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.1*		*"*	*50.0*		*96.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50025 - EPA 5035A											
Blank (BF50025-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Prepared & Analyzed: 06/02/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50025 - EPA 5035A											
Blank (BF50025-BLK1)									Prepared & Analyzed: 06/02/2025		
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.7*		*"*	*50.0*		*107*	*76-130*				
LCS (BF50025-BS1)									Prepared & Analyzed: 06/02/2025		
1,1,1,2-Tetrachloroethane	42.9		ug/L	50.0		85.9	75-129				
1,1,1-Trichloroethane	43.8		"	50.0		87.5	71-137				
1,1,2,2-Tetrachloroethane	50.4		"	50.0		101	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.0		"	50.0		96.0	58-146				
1,1,2-Trichloroethane	47.5		"	50.0		95.1	83-123				
1,1-Dichloroethane	44.5		"	50.0		89.0	75-130				
1,1-Dichloroethylene	45.3		"	50.0		90.5	64-137				
1,2,3-Trichlorobenzene	50.7		"	50.0		101	81-140				
1,2,3-Trichloropropane	48.1		"	50.0		96.2	81-126				
1,2,4-Trichlorobenzene	48.9		"	50.0		97.9	80-141				
1,2,4-Trimethylbenzene	52.2		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	42.1		"	50.0		84.3	74-142				
1,2-Dibromoethane	48.6		"	50.0		97.2	86-123				
1,2-Dichlorobenzene	52.0		"	50.0		104	85-122				
1,2-Dichloroethane	44.2		"	50.0		88.4	71-133				
1,2-Dichloropropane	48.1		"	50.0		96.1	81-122				
1,3,5-Trimethylbenzene	51.5		"	50.0		103	82-126				
1,3-Dichlorobenzene	52.5		"	50.0		105	84-124				
1,4-Dichlorobenzene	51.7		"	50.0		103	84-124				
1,4-Dioxane	923		"	1050		87.9	10-228				
2-Butanone	36.7		"	50.0		73.4	58-147				
2-Hexanone	41.1		"	50.0		82.2	70-139				
4-Methyl-2-pentanone	42.5		"	50.0		84.9	72-132				
Acetone	30.3		"	50.0		60.5	36-155				
Acrolein	26.9		"	50.0		53.8	10-238				
Acrylonitrile	42.4		"	50.0		84.8	66-141				
Benzene	46.5		"	50.0		92.9	77-127				
Bromochloromethane	47.0		"	50.0		94.1	74-129				
Bromodichloromethane	44.3		"	50.0		88.5	81-124				
Bromoform	44.6		"	50.0		89.2	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50025 - EPA 5035A											
LCS (BF50025-BS1)								Prepared & Analyzed: 06/02/2025			
Bromomethane	68.6		ug/L	50.0		137	32-177				
Carbon disulfide	46.3		"	50.0		92.7	10-136				
Carbon tetrachloride	43.4		"	50.0		86.9	66-143				
Chlorobenzene	50.2		"	50.0		100	86-120				
Chloroethane	50.1		"	50.0		100	51-142				
Chloroform	45.1		"	50.0		90.1	76-131				
Chloromethane	55.5		"	50.0		111	49-132				
cis-1,2-Dichloroethylene	45.2		"	50.0		90.4	74-132				
cis-1,3-Dichloropropylene	43.0		"	50.0		86.0	81-129				
Cyclohexane	49.3		"	50.0		98.7	70-130				
Dibromochloromethane	47.8		"	50.0		95.5	10-200				
Dibromomethane	47.7		"	50.0		95.4	83-124				
Dichlorodifluoromethane	130		"	50.0		260	28-158	High Bias			
Ethyl Benzene	51.6		"	50.0		103	84-125				
Hexachlorobutadiene	48.7		"	50.0		97.3	83-133				
Isopropylbenzene	47.4		"	50.0		94.9	81-127				
Methyl acetate	38.8		"	50.0		77.7	41-143				
Methyl tert-butyl ether (MTBE)	40.7		"	50.0		81.3	74-131				
Methylcyclohexane	48.4		"	50.0		96.8	70-130				
Methylene chloride	44.3		"	50.0		88.6	57-141				
n-Butylbenzene	52.5		"	50.0		105	80-130				
n-Propylbenzene	52.1		"	50.0		104	74-136				
o-Xylene	48.2		"	50.0		96.4	83-123				
p- & m- Xylenes	104		"	100		104	82-128				
p-Isopropyltoluene	52.2		"	50.0		104	85-125				
sec-Butylbenzene	51.8		"	50.0		104	83-125				
Styrene	51.8		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	189		"	250		75.5	70-130				
tert-Butylbenzene	46.9		"	50.0		93.9	80-127				
Tetrachloroethylene	45.0		"	50.0		90.0	80-129				
Toluene	50.1		"	50.0		100	85-121				
trans-1,2-Dichloroethylene	45.4		"	50.0		90.8	72-132				
trans-1,3-Dichloropropylene	41.2		"	50.0		82.4	78-132				
Trichloroethylene	47.5		"	50.0		95.0	84-123				
Trichlorofluoromethane	53.5		"	50.0		107	62-140				
Vinyl Chloride	54.1		"	50.0		108	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.6*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50025 - EPA 5035A											
LCS Dup (BF50025-BSD1)								Prepared & Analyzed: 06/02/2025			
1,1,1,2-Tetrachloroethane	41.4		ug/L	50.0		82.9	75-129		3.53	30	
1,1,1-Trichloroethane	43.8		"	50.0		87.6	71-137		0.137	30	
1,1,2,2-Tetrachloroethane	48.6		"	50.0		97.2	79-129		3.69	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.5		"	50.0		93.0	58-146		3.17	30	
1,1,2-Trichloroethane	46.0		"	50.0		91.9	83-123		3.34	30	
1,1-Dichloroethane	44.1		"	50.0		88.2	75-130		0.925	30	
1,1-Dichloroethylene	44.1		"	50.0		88.3	64-137		2.51	30	
1,2,3-Trichlorobenzene	48.4		"	50.0		96.8	81-140		4.60	30	
1,2,3-Trichloropropane	46.1		"	50.0		92.2	81-126		4.33	30	
1,2,4-Trichlorobenzene	46.8		"	50.0		93.6	80-141		4.49	30	
1,2,4-Trimethylbenzene	51.2		"	50.0		102	84-125		1.89	30	
1,2-Dibromo-3-chloropropane	39.0		"	50.0		78.1	74-142		7.61	30	
1,2-Dibromoethane	47.5		"	50.0		95.1	86-123		2.27	30	
1,2-Dichlorobenzene	50.2		"	50.0		100	85-122		3.62	30	
1,2-Dichloroethane	43.0		"	50.0		86.0	71-133		2.73	30	
1,2-Dichloropropane	46.9		"	50.0		93.7	81-122		2.53	30	
1,3,5-Trimethylbenzene	50.9		"	50.0		102	82-126		1.17	30	
1,3-Dichlorobenzene	50.8		"	50.0		102	84-124		3.25	30	
1,4-Dichlorobenzene	50.5		"	50.0		101	84-124		2.49	30	
1,4-Dioxane	882		"	1050		84.0	10-228		4.53	30	
2-Butanone	35.0		"	50.0		70.0	58-147		4.63	30	
2-Hexanone	38.7		"	50.0		77.5	70-139		5.86	30	
4-Methyl-2-pentanone	40.6		"	50.0		81.2	72-132		4.48	30	
Acetone	29.2		"	50.0		58.4	36-155		3.53	30	
Acrolein	25.9		"	50.0		51.9	10-238		3.71	30	
Acrylonitrile	40.0		"	50.0		80.0	66-141		5.78	30	
Benzene	45.7		"	50.0		91.4	77-127		1.63	30	
Bromochloromethane	45.8		"	50.0		91.6	74-129		2.69	30	
Bromodichloromethane	43.2		"	50.0		86.4	81-124		2.47	30	
Bromoform	42.7		"	50.0		85.3	80-136		4.40	30	
Bromomethane	67.6		"	50.0		135	32-177		1.45	30	
Carbon disulfide	45.0		"	50.0		90.1	10-136		2.87	30	
Carbon tetrachloride	43.4		"	50.0		86.9	66-143		0.00	30	
Chlorobenzene	48.8		"	50.0		97.6	86-120		2.79	30	
Chloroethane	50.1		"	50.0		100	51-142		0.0199	30	
Chloroform	44.5		"	50.0		89.1	76-131		1.18	30	
Chloromethane	55.3		"	50.0		111	49-132		0.307	30	
cis-1,2-Dichloroethylene	44.6		"	50.0		89.1	74-132		1.43	30	
cis-1,3-Dichloropropylene	42.0		"	50.0		84.0	81-129		2.35	30	
Cyclohexane	48.6		"	50.0		97.1	70-130		1.57	30	
Dibromochloromethane	46.4		"	50.0		92.8	10-200		2.91	30	
Dibromomethane	46.1		"	50.0		92.2	83-124		3.48	30	
Dichlorodifluoromethane	131		"	50.0		262	28-158	High Bias	0.721	30	
Ethyl Benzene	50.3		"	50.0		101	84-125		2.59	30	
Hexachlorobutadiene	46.2		"	50.0		92.4	83-133		5.21	30	
Isopropylbenzene	47.3		"	50.0		94.6	81-127		0.274	30	
Methyl acetate	37.1		"	50.0		74.2	41-143		4.61	30	
Methyl tert-butyl ether (MTBE)	40.1		"	50.0		80.2	74-131		1.44	30	
Methylcyclohexane	47.8		"	50.0		95.7	70-130		1.18	30	
Methylene chloride	42.8		"	50.0		85.6	57-141		3.42	30	
n-Butylbenzene	50.6		"	50.0		101	80-130		3.61	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50025 - EPA 5035A											
LCS Dup (BF50025-BSD1)								Prepared & Analyzed: 06/02/2025			
n-Propylbenzene	51.3		ug/L	50.0		103	74-136		1.62	30	
o-Xylene	46.9		"	50.0		93.9	83-123		2.63	30	
p- & m- Xylenes	101		"	100		101	82-128		3.10	30	
p-Isopropyltoluene	50.9		"	50.0		102	85-125		2.47	30	
sec-Butylbenzene	51.1		"	50.0		102	83-125		1.44	30	
Styrene	50.0		"	50.0		100	86-126		3.58	30	
tert-Butyl alcohol (TBA)	182		"	250		72.6	70-130		3.94	30	
tert-Butylbenzene	46.7		"	50.0		93.3	80-127		0.556	30	
Tetrachloroethylene	44.2		"	50.0		88.4	80-129		1.79	30	
Toluene	48.7		"	50.0		97.5	85-121		2.73	30	
trans-1,2-Dichloroethylene	44.0		"	50.0		88.0	72-132		3.15	30	
trans-1,3-Dichloropropylene	40.0		"	50.0		80.0	78-132		2.91	30	
Trichloroethylene	47.0		"	50.0		94.0	84-123		1.02	30	
Trichlorofluoromethane	51.8		"	50.0		104	62-140		3.13	30	
Vinyl Chloride	52.9		"	50.0		106	52-130		2.26	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				
Batch BF50204 - EPA 5030B											
Blank (BF50204-BLK1)								Prepared & Analyzed: 06/03/2025			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50204 - EPA 5030B											
Blank (BF50204-BLK1)											Prepared & Analyzed: 06/03/2025
Bromodichloromethane	ND	0.500	ug/L								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50204 - EPA 5030B											
LCS (BF50204-BS1)								Prepared & Analyzed: 06/03/2025			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,2,3-Trichlorobenzene	8.67		"	10.0		86.7	76-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128				
1,2,4-Trichlorobenzene	8.72		"	10.0		87.2	76-137				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	9.13		"	10.0		91.3	45-147				
1,2-Dibromoethane	9.51		"	10.0		95.1	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	11.4		"	10.0		114	78-126				
1,3,5-Trimethylbenzene	12.6		"	10.0		126	80-131				
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122				
1,3-Dichloropropane	10.8		"	10.0		108	81-125				
1,4-Dichlorobenzene	9.79		"	10.0		97.9	85-124				
1,4-Dioxane	0.00		"	210			10-349	Low Bias			
2-Butanone	10.2		"	10.0		102	49-152				
2-Hexanone	9.18		"	10.0		91.8	51-146				
4-Methyl-2-pentanone	7.58		"	10.0		75.8	57-145				
Acetone	8.87		"	10.0		88.7	14-150				
Acrolein	7.30		"	10.0		73.0	10-153				
Acrylonitrile	10.8		"	10.0		108	51-150				
Benzene	11.4		"	10.0		114	85-126				
Bromochloromethane	10.7		"	10.0		107	77-128				
Bromodichloromethane	10.5		"	10.0		105	79-128				
Bromoform	8.03		"	10.0		80.3	78-133				
Bromomethane	6.83		"	10.0		68.3	43-168				
Carbon disulfide	10.5		"	10.0		105	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	9.60		"	10.0		96.0	65-136				
Chloroform	10.7		"	10.0		107	82-128				
Chloromethane	7.44		"	10.0		74.4	43-155				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Cyclohexane	5.54		"	10.0		55.4	63-149	Low Bias			
Dibromochloromethane	9.82		"	10.0		98.2	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	4.64		"	10.0		46.4	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	8.85		"	10.0		88.5	67-146				
Isopropylbenzene	11.0		"	10.0		110	76-140				
Methyl acetate	11.3		"	10.0		113	51-139				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	11.0		"	10.0		110	72-143				
Methylene chloride	10.5		"	10.0		105	55-137				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50204 - EPA 5030B											
LCS (BF50204-BS1)								Prepared & Analyzed: 06/03/2025			
Naphthalene	9.08		ug/L	10.0		90.8	70-147				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	21.8		"	20.0		109	77-133				
p-Diethylbenzene	10.3		"	10.0		103	84-134				
p-Ethyltoluene	12.6		"	10.0		126	88-129				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	47.3		"	50.0		94.6	25-162				
tert-Butylbenzene	9.32		"	10.0		93.2	77-138				
Tetrachloroethylene	9.26		"	10.0		92.6	82-131				
Toluene	11.0		"	10.0		110	80-127				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-132				
trans-1,3-Dichloropropylene	9.98		"	10.0		99.8	78-131				
Trichloroethylene	10.5		"	10.0		105	82-128				
Trichlorofluoromethane	9.00		"	10.0		90.0	67-139				
Vinyl Chloride	8.58		"	10.0		85.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS Dup (BF50204-BSD1)								Prepared & Analyzed: 06/03/2025			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		0.0985	30	
1,1,1-Trichloroethane	9.76		"	10.0		97.6	78-136		3.52	30	
1,1,2,2-Tetrachloroethane	12.1		"	10.0		121	76-129		13.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.80		"	10.0		98.0	54-165		4.59	30	
1,1,2-Trichloroethane	11.5		"	10.0		115	82-123		9.82	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		4.18	30	
1,1-Dichloroethylene	10.5		"	10.0		105	68-138		4.58	30	
1,2,3-Trichlorobenzene	9.95		"	10.0		99.5	76-136		13.7	30	
1,2,3-Trichloropropane	11.6		"	10.0		116	77-128		9.46	30	
1,2,4-Trichlorobenzene	9.89		"	10.0		98.9	76-137		12.6	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		0.857	30	
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	45-147		19.0	30	
1,2-Dibromoethane	10.7		"	10.0		107	83-124		11.9	30	
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123		6.46	30	
1,2-Dichloroethane	11.6		"	10.0		116	73-132		6.34	30	
1,2-Dichloropropane	11.1		"	10.0		111	78-126		3.20	30	
1,3,5-Trimethylbenzene	12.1		"	10.0		121	80-131		3.96	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		0.199	30	
1,3-Dichloropropane	11.7		"	10.0		117	81-125		7.45	30	
1,4-Dichlorobenzene	9.89		"	10.0		98.9	85-124		1.02	30	
1,4-Dioxane	0.00		"	210			10-349	Low Bias		30	
2-Butanone	13.6		"	10.0		136	49-152		28.5	30	
2-Hexanone	11.5		"	10.0		115	51-146		22.3	30	
4-Methyl-2-pentanone	9.31		"	10.0		93.1	57-145		20.5	30	
Acetone	11.1		"	10.0		111	14-150		22.3	30	
Acrolein	8.33		"	10.0		83.3	10-153		13.2	30	
Acrylonitrile	13.0		"	10.0		130	51-150		18.9	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50204 - EPA 5030B											
LCS Dup (BF50204-BSD1)								Prepared & Analyzed: 06/03/2025			
Benzene	11.0		ug/L	10.0		110	85-126		2.86	30	
Bromochloromethane	11.1		"	10.0		111	77-128		4.04	30	
Bromodichloromethane	10.6		"	10.0		106	79-128		1.42	30	
Bromoform	10.8		"	10.0		108	78-133		29.4	30	
Bromomethane	6.36		"	10.0		63.6	43-168		7.13	30	
Carbon disulfide	9.91		"	10.0		99.1	68-146		5.59	30	
Carbon tetrachloride	9.86		"	10.0		98.6	77-141		6.19	30	
Chlorobenzene	10.0		"	10.0		100	88-120		3.72	30	
Chloroethane	9.09		"	10.0		90.9	65-136		5.46	30	
Chloroform	10.7		"	10.0		107	82-128		0.467	30	
Chloromethane	6.76		"	10.0		67.6	43-155		9.58	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129		1.92	30	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131		3.32	30	
Cyclohexane	5.30		"	10.0		53.0	63-149	Low Bias	4.43	30	
Dibromochloromethane	10.6		"	10.0		106	80-130		7.55	30	
Dibromomethane	11.2		"	10.0		112	72-134		8.49	30	
Dichlorodifluoromethane	4.36		"	10.0		43.6	44-144	Low Bias	6.22	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		4.31	30	
Hexachlorobutadiene	9.64		"	10.0		96.4	67-146		8.55	30	
Isopropylbenzene	10.2		"	10.0		102	76-140		6.97	30	
Methyl acetate	12.8		"	10.0		128	51-139		12.6	30	
Methyl tert-butyl ether (MTBE)	11.8		"	10.0		118	76-135		15.2	30	
Methylcyclohexane	10.3		"	10.0		103	72-143		6.01	30	
Methylene chloride	10.6		"	10.0		106	55-137		0.945	30	
Naphthalene	11.2		"	10.0		112	70-147		20.6	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		0.283	30	
n-Propylbenzene	10.5		"	10.0		105	78-133		4.64	30	
o-Xylene	10.4		"	10.0		104	78-130		2.27	30	
p- & m- Xylenes	20.9		"	20.0		104	77-133		4.35	30	
p-Diethylbenzene	10.3		"	10.0		103	84-134		0.0970	30	
p-Ethyltoluene	12.1		"	10.0		121	88-129		3.96	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		0.477	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		1.91	30	
Styrene	11.0		"	10.0		110	67-132		0.731	30	
tert-Butyl alcohol (TBA)	69.5		"	50.0		139	25-162		38.0	30	Non-dir.
tert-Butylbenzene	8.98		"	10.0		89.8	77-138		3.72	30	
Tetrachloroethylene	8.51		"	10.0		85.1	82-131		8.44	30	
Toluene	10.5		"	10.0		105	80-127		4.48	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132		5.81	30	
trans-1,3-Dichloropropylene	10.8		"	10.0		108	78-131		7.80	30	
Trichloroethylene	9.81		"	10.0		98.1	82-128		7.17	30	
Trichlorofluoromethane	8.43		"	10.0		84.3	67-139		6.54	30	
Vinyl Chloride	7.93		"	10.0		79.3	58-145		7.87	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52180 - % Solids Prep											
Duplicate (BE52180-DUP1)	*Source sample: 25E1667-06 (25SB-17(12-14))								Prepared & Analyzed: 05/29/2025		
% Solids	92.5	0.100	%		91.3				1.26	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25E1667-01	25SB-16(0-2)	40mL Vial with Stir Bar-Cool 4° C
25E1667-02	25SB-16(2-4)	40mL Vial with Stir Bar-Cool 4° C
25E1667-03	25SB-16(11-13)	40mL Vial with Stir Bar-Cool 4° C
25E1667-04	25SB-17(0-2)	40mL Vial with Stir Bar-Cool 4° C
25E1667-05	25SB-17(2-4)	40mL Vial with Stir Bar-Cool 4° C
25E1667-06	25SB-17(12-14)	40mL Vial with Stir Bar-Cool 4° C
25E1667-07	DUP-4(0-2)	40mL Vial with Stir Bar-Cool 4° C
25E1667-08	FB-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1667-09	TB-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES INC
YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 25E1663

YOUR Information

Company: Vektor Consultants
Address: 37 West 37th Street, 6th Floor, New York, NY 10018
Phone.: (347) 871-0750
Contact: Ezgi Karayel
E-mail: ezgi@vektorconsultants.com

Report to:

SAME [X]
Name:
Company:
Address:
dklein@vektorconsultants.com

Invoice To:

SAME [X]
Name:
Company:
Address:
E-mail AP@vektorconsultants.com

Your Project ID

32-20 38th Avenue, Queens New York

Purchase Order

Samples from CT__ NY_x_ NJ__

Turn-Around Time

RUSH-Same Day
RUSH-Next Day
RUSH-Two Day
RUSH-Three Day
RUSH-Four Day
Standard (5-7day) X

Report/Deliverable Type

Summary Report
QA Report X
CT RCP
CT RCP DQA/DUE Pkg
NY ASP A Package
NY ASP B Package X
NJDEP Reduced Deliv
Excel
NYSDEC EQuIS X
NJDEP SRP HazSite
EQuIS
GIS/KEY (std)

YORK Regulatory Comp Excel *compared to:* Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)
Name (printed)

Matrix Codes	
S -	soil
Other -	specify(oil, etc.)
WW -	wastewater
GW -	groundwater
DW -	drinking water
Air-A -	ambient air
Air-SV -	soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxin/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
25SB-16 (0-2)	5/27/2025 1600	S	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals, PFAS (1633), 1,4 Dioxane, hex chrome, trivalent chrome	1- 8 oz jar, 1- terracore
25SB-16 (2-4)	5/27/2025 1004	S	Same as above	same as above
25SB-16 (11-13)	5/27/2025 1006	S	Same as above	same as above
25SB-17 (0-2)	5/27/2025 1030	S	Same as above	same as above
25SB-17 (2-4)	5/27/2025 1032	S	Same as above	same as above
25SB-17 (11-14)	5/27/2025 1034	S	Same as above	same as above
25SB-DUP-4 (0-2)	5/27/2025 1002	S	Same as above	same as above
25SB-MS-4	5/27/2025 1036	S	Same as above	same as above
25SB-MSD-4	5/27/2025 1038	S	Same as above	same as above
25SB-	5/27/2025	S	Same as above	same as above
25SB-	5/27/2025	S	Same as above	same as above
25SB-	5/27/2025	S	Same as above	same as above
~~TB-4~~ FB-4 TB-4	5/27/25 0451 — LAB	FB FB	4 4	-3 VOAs w/ HCl -2 VOAs w/ HCl

Preservation (check all appliciable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc Ascorbic Acid Other

Comments: DUP-4 (0-2) from 25SB-16 (0-2)

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	5/27/25 1830	[signature]	5/27/25 1230
[signature]	5/27/25 13:45	[signature]	5/27/25 20:15
[signature]	5/27/25 1735		

Temperature on Receipt 3.1 °C

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 06/03/2025
Client Project ID: 32-20 38th Avenue, Queens New York
York Project (SDG) No.: 25E1670

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 06/03/2025
Client Project ID: 32-20 38th Avenue, Queens New York
York Project (SDG) No.: 25E1670

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 27, 2025 and listed below. The project was identified as your project: **32-20 38th Avenue, Queens New York**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25E1670-01	25 SV-2-N (10-12)	Soil	05/27/2025	05/27/2025
25E1670-02	25 SV-2-N (12-14)	Soil	05/27/2025	05/27/2025
25E1670-03	25 SV-2-N (14-15)	Soil	05/27/2025	05/27/2025
25E1670-04	25 SV-2-S (0-2)	Soil	05/27/2025	05/27/2025
25E1670-05	25 SV-2-S (2-4)	Soil	05/27/2025	05/27/2025
25E1670-06	25 SV-2-S (10-12)	Soil	05/27/2025	05/27/2025
25E1670-07	25 SV-2-S (12-14)	Soil	05/27/2025	05/27/2025
25E1670-08	25 SV-2-S (14-15)	Soil	05/27/2025	05/27/2025

General Notes for York Project (SDG) No.: 25E1670

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 06/03/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 25 SV-2-N (10-12) **York Sample ID:** 25E1670-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	IS-LO	mg/kg dry	0.055	0.11	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-N (10-12) **York Sample ID:** 25E1670-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.032**	IS-LO	mg/kg dry	0.0055	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	IS-LO	mg/kg dry	0.0055	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25 SV-2-N (10-12) **York Sample ID:** 25E1670-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE, IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	IS-LO	mg/kg dry	0.0055	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND	IS-LO	mg/kg dry	0.0055	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-N (10-12) **York Sample ID:** 25E1670-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE, IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND	IS-LO	mg/kg dry	0.0082	0.016	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*230 %*	IS-LO, S-03, S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*81.6 %*	IS-LO, S-03, S-08	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*74.1 %*	IS-LO, S-03, S-08	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.4**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25 SV-2-N (12-14) **York Sample ID:** 25E1670-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-N (12-14) **York Sample ID:** 25E1670-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25 SV-2-N (12-14) **York Sample ID:** 25E1670-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.0028**	J	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-N (12-14) **York Sample ID:** 25E1670-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.0**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25 SV-2-N (14-15) **York Sample ID:** 25E1670-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-N (14-15) **York Sample ID:** 25E1670-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25 SV-2-N (14-15) **York Sample ID:** 25E1670-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0068**	J	mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-N (14-15) **York Sample ID:** 25E1670-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25 SV-2-S (0-2) **York Sample ID:** 25E1670-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-S (0-2) **York Sample ID:** 25E1670-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25 SV-2-S (0-2) **York Sample ID:** 25E1670-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-S (0-2) **York Sample ID:** 25E1670-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.4**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25 SV-2-S (2-4) **York Sample ID:** 25E1670-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.071	0.14	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-S (2-4) **York Sample ID:** 25E1670-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25 SV-2-S (2-4) **York Sample ID:** 25E1670-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-S (2-4) **York Sample ID:** 25E1670-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.9**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25 SV-2-S (10-12) **York Sample ID:** 25E1670-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-S (10-12) **York Sample ID:** 25E1670-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25 SV-2-S (10-12) **York Sample ID:** 25E1670-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-S (10-12) **York Sample ID:** 25E1670-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.0**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25 SV-2-S (12-14) **York Sample ID:** 25E1670-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	IS-LO	mg/kg dry	0.068	0.14	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-S (12-14) **York Sample ID:** 25E1670-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.016**	IS-LO	mg/kg dry	0.0068	0.014	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	IS-LO	mg/kg dry	0.0068	0.014	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25 SV-2-S (12-14) **York Sample ID:** 25E1670-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE, IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	IS-LO	mg/kg dry	0.0068	0.014	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND	IS-LO	mg/kg dry	0.0068	0.014	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-S (12-14) **York Sample ID:** 25E1670-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE, IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND	IS-LO	mg/kg dry	0.010	0.020	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*184 %*	IS-LO, S-03, S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*88.7 %*	IS-LO	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*76.4 %*	IS-LO	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.8**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 25 SV-2-S (14-15) **York Sample ID:** 25E1670-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:10 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-S (14-15) **York Sample ID:** 25E1670-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:10 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: 25 SV-2-S (14-15) **York Sample ID:** 25E1670-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:10 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 25 SV-2-S (14-15) **York Sample ID:** 25E1670-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:10 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.1**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BE52180 **Preparation Method:** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25E1670-01	25 SV-2-N (10-12)	05/29/25
25E1670-02	25 SV-2-N (12-14)	05/29/25
25E1670-03	25 SV-2-N (14-15)	05/29/25
25E1670-04	25 SV-2-S (0-2)	05/29/25
25E1670-05	25 SV-2-S (2-4)	05/29/25
25E1670-06	25 SV-2-S (10-12)	05/29/25
25E1670-07	25 SV-2-S (12-14)	05/29/25
25E1670-08	25 SV-2-S (14-15)	05/29/25

Batch ID: BE52232 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25E1670-02	25 SV-2-N (12-14)	05/29/25
25E1670-03	25 SV-2-N (14-15)	05/29/25
25E1670-04	25 SV-2-S (0-2)	05/29/25
25E1670-05	25 SV-2-S (2-4)	05/29/25
25E1670-06	25 SV-2-S (10-12)	05/29/25
25E1670-08	25 SV-2-S (14-15)	05/29/25
BE52232-BLK1	Blank	05/29/25
BE52232-BS1	LCS	05/29/25
BE52232-BSD1	LCS Dup	05/29/25

Batch ID: BF50025 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25E1670-01	25 SV-2-N (10-12)	06/02/25
25E1670-07	25 SV-2-S (12-14)	06/02/25
BF50025-BLK1	Blank	06/02/25
BF50025-BS1	LCS	06/02/25
BF50025-BSD1	LCS Dup	06/02/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52232 - EPA 5035A											
Blank (BE52232-BLK1)											Prepared & Analyzed: 05/29/2025
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.0069	0.010	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52232 - EPA 5035A											
Blank (BE52232-BLK1)								Prepared & Analyzed: 05/29/2025			
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.5*		*"*	*50.0*		*94.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.9*		*"*	*50.0*		*108*	*76-130*				
LCS (BE52232-BS1)								Prepared & Analyzed: 05/29/2025			
1,1,1,2-Tetrachloroethane	41.6		ug/L	50.0		83.2	75-129				
1,1,1-Trichloroethane	49.8		"	50.0		99.7	71-137				
1,1,2,2-Tetrachloroethane	43.7		"	50.0		87.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.2		"	50.0		70.5	58-146				
1,1,2-Trichloroethane	46.0		"	50.0		92.0	83-123				
1,1-Dichloroethane	48.6		"	50.0		97.2	75-130				
1,1-Dichloroethylene	41.9		"	50.0		83.7	64-137				
1,2,3-Trichlorobenzene	53.8		"	50.0		108	81-140				
1,2,3-Trichloropropane	43.5		"	50.0		87.1	81-126				
1,2,4-Trichlorobenzene	56.3		"	50.0		113	80-141				
1,2,4-Trimethylbenzene	41.9		"	50.0		83.7	84-125	Low Bias			
1,2-Dibromo-3-chloropropane	44.1		"	50.0		88.2	74-142				
1,2-Dibromoethane	47.9		"	50.0		95.8	86-123				
1,2-Dichlorobenzene	43.7		"	50.0		87.4	85-122				
1,2-Dichloroethane	48.3		"	50.0		96.6	71-133				
1,2-Dichloropropane	48.6		"	50.0		97.3	81-122				
1,3,5-Trimethylbenzene	43.6		"	50.0		87.2	82-126				
1,3-Dichlorobenzene	41.1		"	50.0		82.3	84-124	Low Bias			
1,4-Dichlorobenzene	48.4		"	50.0		96.8	84-124				
1,4-Dioxane	979		"	1050		93.2	10-228				
2-Butanone	45.7		"	50.0		91.3	58-147				
2-Hexanone	46.7		"	50.0		93.4	70-139				
4-Methyl-2-pentanone	45.6		"	50.0		91.2	72-132				
Acetone	37.8		"	50.0		75.7	36-155				
Acrolein	25.1		"	50.0		50.2	10-238				
Acrylonitrile	53.5		"	50.0		107	66-141				
Benzene	48.5		"	50.0		97.0	77-127				
Bromochloromethane	53.7		"	50.0		107	74-129				
Bromodichloromethane	44.7		"	50.0		89.5	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52232 - EPA 5035A											
LCS (BE52232-BS1)								Prepared & Analyzed: 05/29/2025			
Bromoform	48.5		ug/L	50.0		96.9	80-136				
Bromomethane	38.8		"	50.0		77.6	32-177				
Carbon disulfide	43.0		"	50.0		86.0	10-136				
Carbon tetrachloride	49.7		"	50.0		99.5	66-143				
Chlorobenzene	46.1		"	50.0		92.2	86-120				
Chloroethane	46.1		"	50.0		92.2	51-142				
Chloroform	47.7		"	50.0		95.4	76-131				
Chloromethane	50.9		"	50.0		102	49-132				
cis-1,2-Dichloroethylene	49.7		"	50.0		99.4	74-132				
cis-1,3-Dichloropropylene	45.3		"	50.0		90.5	81-129				
Cyclohexane	54.7		"	50.0		109	70-130				
Dibromochloromethane	46.5		"	50.0		93.1	10-200				
Dibromomethane	45.8		"	50.0		91.7	83-124				
Dichlorodifluoromethane	62.7		"	50.0		125	28-158				
Ethyl Benzene	43.7		"	50.0		87.3	84-125				
Hexachlorobutadiene	56.5		"	50.0		113	83-133				
Isopropylbenzene	43.2		"	50.0		86.4	81-127				
Methyl acetate	51.9		"	50.0		104	41-143				
Methyl tert-butyl ether (MTBE)	46.4		"	50.0		92.8	74-131				
Methylcyclohexane	49.2		"	50.0		98.3	70-130				
Methylene chloride	50.3		"	50.0		101	57-141				
n-Butylbenzene	41.7		"	50.0		83.3	80-130				
n-Propylbenzene	43.3		"	50.0		86.7	74-136				
o-Xylene	44.2		"	50.0		88.4	83-123				
p- & m- Xylenes	90.4		"	100		90.4	82-128				
p-Isopropyltoluene	40.5		"	50.0		81.0	85-125	Low Bias			
sec-Butylbenzene	43.5		"	50.0		86.9	83-125				
Styrene	42.2		"	50.0		84.4	86-126	Low Bias			
tert-Butyl alcohol (TBA)	238		"	250		95.2	70-130				
tert-Butylbenzene	42.8		"	50.0		85.6	80-127				
Tetrachloroethylene	43.2		"	50.0		86.4	80-129				
Toluene	45.6		"	50.0		91.1	85-121				
trans-1,2-Dichloroethylene	49.3		"	50.0		98.7	72-132				
trans-1,3-Dichloropropylene	43.6		"	50.0		87.1	78-132				
Trichloroethylene	46.7		"	50.0		93.5	84-123				
Trichlorofluoromethane	44.2		"	50.0		88.3	62-140				
Vinyl Chloride	46.8		"	50.0		93.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.7*		*"*	*50.0*		*95.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*98.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52232 - EPA 5035A											
LCS Dup (BE52232-BSD1)								Prepared & Analyzed: 05/29/2025			
1,1,1,2-Tetrachloroethane	42.0		ug/L	50.0		83.9	75-129		0.838	30	
1,1,1-Trichloroethane	49.8		"	50.0		99.6	71-137		0.0803	30	
1,1,2,2-Tetrachloroethane	45.9		"	50.0		91.7	79-129		4.89	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	34.8		"	50.0		69.6	58-146		1.23	30	
1,1,2-Trichloroethane	46.6		"	50.0		93.3	83-123		1.42	30	
1,1-Dichloroethane	48.5		"	50.0		97.1	75-130		0.124	30	
1,1-Dichloroethylene	41.2		"	50.0		82.4	64-137		1.59	30	
1,2,3-Trichlorobenzene	56.3		"	50.0		113	81-140		4.52	30	
1,2,3-Trichloropropane	45.9		"	50.0		91.8	81-126		5.26	30	
1,2,4-Trichlorobenzene	57.6		"	50.0		115	80-141		2.25	30	
1,2,4-Trimethylbenzene	42.4		"	50.0		84.7	84-125		1.21	30	
1,2-Dibromo-3-chloropropane	46.0		"	50.0		92.0	74-142		4.24	30	
1,2-Dibromoethane	49.6		"	50.0		99.3	86-123		3.55	30	
1,2-Dichlorobenzene	44.9		"	50.0		89.8	85-122		2.80	30	
1,2-Dichloroethane	48.4		"	50.0		96.7	71-133		0.145	30	
1,2-Dichloropropane	48.0		"	50.0		95.9	81-122		1.39	30	
1,3,5-Trimethylbenzene	43.9		"	50.0		87.8	82-126		0.708	30	
1,3-Dichlorobenzene	41.7		"	50.0		83.4	84-124	Low Bias	1.33	30	
1,4-Dichlorobenzene	49.4		"	50.0		98.7	84-124		1.94	30	
1,4-Dioxane	1000		"	1050		95.3	10-228		2.25	30	
2-Butanone	47.4		"	50.0		94.8	58-147		3.76	30	
2-Hexanone	48.7		"	50.0		97.4	70-139		4.26	30	
4-Methyl-2-pentanone	48.4		"	50.0		96.9	72-132		6.02	30	
Acetone	38.7		"	50.0		77.4	36-155		2.30	30	
Acrolein	24.2		"	50.0		48.3	10-238		3.78	30	
Acrylonitrile	53.8		"	50.0		108	66-141		0.503	30	
Benzene	48.6		"	50.0		97.2	77-127		0.144	30	
Bromochloromethane	53.3		"	50.0		107	74-129		0.711	30	
Bromodichloromethane	44.8		"	50.0		89.7	81-124		0.223	30	
Bromoform	49.6		"	50.0		99.2	80-136		2.35	30	
Bromomethane	38.0		"	50.0		75.9	32-177		2.19	30	
Carbon disulfide	42.8		"	50.0		85.7	10-136		0.396	30	
Carbon tetrachloride	49.8		"	50.0		99.5	66-143		0.0603	30	
Chlorobenzene	46.1		"	50.0		92.2	86-120		0.0868	30	
Chloroethane	44.3		"	50.0		88.6	51-142		3.94	30	
Chloroform	47.5		"	50.0		95.0	76-131		0.462	30	
Chloromethane	50.2		"	50.0		100	49-132		1.52	30	
cis-1,2-Dichloroethylene	49.5		"	50.0		99.0	74-132		0.423	30	
cis-1,3-Dichloropropylene	45.6		"	50.0		91.3	81-129		0.836	30	
Cyclohexane	54.6		"	50.0		109	70-130		0.165	30	
Dibromochloromethane	47.5		"	50.0		95.0	10-200		2.06	30	
Dibromomethane	46.1		"	50.0		92.2	83-124		0.587	30	
Dichlorodifluoromethane	62.2		"	50.0		124	28-158		0.832	30	
Ethyl Benzene	43.6		"	50.0		87.2	84-125		0.0917	30	
Hexachlorobutadiene	57.5		"	50.0		115	83-133		1.81	30	
Isopropylbenzene	43.8		"	50.0		87.6	81-127		1.33	30	
Methyl acetate	53.1		"	50.0		106	41-143		2.30	30	
Methyl tert-butyl ether (MTBE)	47.3		"	50.0		94.6	74-131		1.99	30	
Methylcyclohexane	49.2		"	50.0		98.3	70-130		0.00	30	
Methylene chloride	50.5		"	50.0		101	57-141		0.516	30	
n-Butylbenzene	41.7		"	50.0		83.5	80-130		0.168	30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52232 - EPA 5035A											
LCS Dup (BE52232-BSD1)								Prepared & Analyzed: 05/29/2025			
n-Propylbenzene	43.4		ug/L	50.0		86.9	74-136		0.230	30	
o-Xylene	44.1		"	50.0		88.2	83-123		0.204	30	
p- & m- Xylenes	89.9		"	100		89.9	82-128		0.532	30	
p-Isopropyltoluene	40.8		"	50.0		81.6	85-125	Low Bias	0.763	30	
sec-Butylbenzene	44.0		"	50.0		88.0	83-125		1.19	30	
Styrene	42.6		"	50.0		85.2	86-126	Low Bias	0.896	30	
tert-Butyl alcohol (TBA)	259		"	250		104	70-130		8.48	30	
tert-Butylbenzene	43.5		"	50.0		87.1	80-127		1.74	30	
Tetrachloroethylene	43.3		"	50.0		86.5	80-129		0.139	30	
Toluene	45.1		"	50.0		90.3	85-121		0.926	30	
trans-1,2-Dichloroethylene	49.4		"	50.0		98.8	72-132		0.101	30	
trans-1,3-Dichloropropylene	44.0		"	50.0		88.0	78-132		1.05	30	
Trichloroethylene	47.0		"	50.0		93.9	84-123		0.470	30	
Trichlorofluoromethane	42.7		"	50.0		85.3	62-140		3.46	30	
Vinyl Chloride	44.9		"	50.0		89.8	52-130		4.17	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*99.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.4*		*"*	*50.0*		*94.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				
Batch BF50025 - EPA 5035A											
Blank (BF50025-BLK1)								Prepared & Analyzed: 06/02/2025			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50025 - EPA 5035A											
Blank (BF50025-BLK1)											Prepared & Analyzed: 06/02/2025
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.7*		*"*	*50.0*		*107*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50025 - EPA 5035A											
LCS (BF50025-BS1)								Prepared & Analyzed: 06/02/2025			
1,1,1,2-Tetrachloroethane	42.9		ug/L	50.0		85.9	75-129				
1,1,1-Trichloroethane	43.8		"	50.0		87.5	71-137				
1,1,2,2-Tetrachloroethane	50.4		"	50.0		101	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.0		"	50.0		96.0	58-146				
1,1,2-Trichloroethane	47.5		"	50.0		95.1	83-123				
1,1-Dichloroethane	44.5		"	50.0		89.0	75-130				
1,1-Dichloroethylene	45.3		"	50.0		90.5	64-137				
1,2,3-Trichlorobenzene	50.7		"	50.0		101	81-140				
1,2,3-Trichloropropane	48.1		"	50.0		96.2	81-126				
1,2,4-Trichlorobenzene	48.9		"	50.0		97.9	80-141				
1,2,4-Trimethylbenzene	52.2		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	42.1		"	50.0		84.3	74-142				
1,2-Dibromoethane	48.6		"	50.0		97.2	86-123				
1,2-Dichlorobenzene	52.0		"	50.0		104	85-122				
1,2-Dichloroethane	44.2		"	50.0		88.4	71-133				
1,2-Dichloropropane	48.1		"	50.0		96.1	81-122				
1,3,5-Trimethylbenzene	51.5		"	50.0		103	82-126				
1,3-Dichlorobenzene	52.5		"	50.0		105	84-124				
1,4-Dichlorobenzene	51.7		"	50.0		103	84-124				
1,4-Dioxane	923		"	1050		87.9	10-228				
2-Butanone	36.7		"	50.0		73.4	58-147				
2-Hexanone	41.1		"	50.0		82.2	70-139				
4-Methyl-2-pentanone	42.5		"	50.0		84.9	72-132				
Acetone	30.3		"	50.0		60.5	36-155				
Acrolein	26.9		"	50.0		53.8	10-238				
Acrylonitrile	42.4		"	50.0		84.8	66-141				
Benzene	46.5		"	50.0		92.9	77-127				
Bromochloromethane	47.0		"	50.0		94.1	74-129				
Bromodichloromethane	44.3		"	50.0		88.5	81-124				
Bromoform	44.6		"	50.0		89.2	80-136				
Bromomethane	68.6		"	50.0		137	32-177				
Carbon disulfide	46.3		"	50.0		92.7	10-136				
Carbon tetrachloride	43.4		"	50.0		86.9	66-143				
Chlorobenzene	50.2		"	50.0		100	86-120				
Chloroethane	50.1		"	50.0		100	51-142				
Chloroform	45.1		"	50.0		90.1	76-131				
Chloromethane	55.5		"	50.0		111	49-132				
cis-1,2-Dichloroethylene	45.2		"	50.0		90.4	74-132				
cis-1,3-Dichloropropylene	43.0		"	50.0		86.0	81-129				
Cyclohexane	49.3		"	50.0		98.7	70-130				
Dibromochloromethane	47.8		"	50.0		95.5	10-200				
Dibromomethane	47.7		"	50.0		95.4	83-124				
Dichlorodifluoromethane	130		"	50.0		260	28-158	High Bias			
Ethyl Benzene	51.6		"	50.0		103	84-125				
Hexachlorobutadiene	48.7		"	50.0		97.3	83-133				
Isopropylbenzene	47.4		"	50.0		94.9	81-127				
Methyl acetate	38.8		"	50.0		77.7	41-143				
Methyl tert-butyl ether (MTBE)	40.7		"	50.0		81.3	74-131				
Methylcyclohexane	48.4		"	50.0		96.8	70-130				
Methylene chloride	44.3		"	50.0		88.6	57-141				
n-Butylbenzene	52.5		"	50.0		105	80-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50025 - EPA 5035A											
LCS (BF50025-BS1)								Prepared & Analyzed: 06/02/2025			
n-Propylbenzene	52.1		ug/L	50.0		104	74-136				
o-Xylene	48.2		"	50.0		96.4	83-123				
p- & m- Xylenes	104		"	100		104	82-128				
p-Isopropyltoluene	52.2		"	50.0		104	85-125				
sec-Butylbenzene	51.8		"	50.0		104	83-125				
Styrene	51.8		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	189		"	250		75.5	70-130				
tert-Butylbenzene	46.9		"	50.0		93.9	80-127				
Tetrachloroethylene	45.0		"	50.0		90.0	80-129				
Toluene	50.1		"	50.0		100	85-121				
trans-1,2-Dichloroethylene	45.4		"	50.0		90.8	72-132				
trans-1,3-Dichloropropylene	41.2		"	50.0		82.4	78-132				
Trichloroethylene	47.5		"	50.0		95.0	84-123				
Trichlorofluoromethane	53.5		"	50.0		107	62-140				
Vinyl Chloride	54.1		"	50.0		108	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.6*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				
LCS Dup (BF50025-BSD1)								Prepared & Analyzed: 06/02/2025			
1,1,1,2-Tetrachloroethane	41.4		ug/L	50.0		82.9	75-129		3.53	30	
1,1,1-Trichloroethane	43.8		"	50.0		87.6	71-137		0.137	30	
1,1,2,2-Tetrachloroethane	48.6		"	50.0		97.2	79-129		3.69	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.5		"	50.0		93.0	58-146		3.17	30	
1,1,2-Trichloroethane	46.0		"	50.0		91.9	83-123		3.34	30	
1,1-Dichloroethane	44.1		"	50.0		88.2	75-130		0.925	30	
1,1-Dichloroethylene	44.1		"	50.0		88.3	64-137		2.51	30	
1,2,3-Trichlorobenzene	48.4		"	50.0		96.8	81-140		4.60	30	
1,2,3-Trichloropropane	46.1		"	50.0		92.2	81-126		4.33	30	
1,2,4-Trichlorobenzene	46.8		"	50.0		93.6	80-141		4.49	30	
1,2,4-Trimethylbenzene	51.2		"	50.0		102	84-125		1.89	30	
1,2-Dibromo-3-chloropropane	39.0		"	50.0		78.1	74-142		7.61	30	
1,2-Dibromoethane	47.5		"	50.0		95.1	86-123		2.27	30	
1,2-Dichlorobenzene	50.2		"	50.0		100	85-122		3.62	30	
1,2-Dichloroethane	43.0		"	50.0		86.0	71-133		2.73	30	
1,2-Dichloropropane	46.9		"	50.0		93.7	81-122		2.53	30	
1,3,5-Trimethylbenzene	50.9		"	50.0		102	82-126		1.17	30	
1,3-Dichlorobenzene	50.8		"	50.0		102	84-124		3.25	30	
1,4-Dichlorobenzene	50.5		"	50.0		101	84-124		2.49	30	
1,4-Dioxane	882		"	1050		84.0	10-228		4.53	30	
2-Butanone	35.0		"	50.0		70.0	58-147		4.63	30	
2-Hexanone	38.7		"	50.0		77.5	70-139		5.86	30	
4-Methyl-2-pentanone	40.6		"	50.0		81.2	72-132		4.48	30	
Acetone	29.2		"	50.0		58.4	36-155		3.53	30	
Acrolein	25.9		"	50.0		51.9	10-238		3.71	30	
Acrylonitrile	40.0		"	50.0		80.0	66-141		5.78	30	
Benzene	45.7		"	50.0		91.4	77-127		1.63	30	
Bromochloromethane	45.8		"	50.0		91.6	74-129		2.69	30	
Bromodichloromethane	43.2		"	50.0		86.4	81-124		2.47	30	
Bromoform	42.7		"	50.0		85.3	80-136		4.40	30	
Bromomethane	67.6		"	50.0		135	32-177		1.45	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50025 - EPA 5035A											
LCS Dup (BF50025-BSD1)								Prepared & Analyzed: 06/02/2025			
Carbon disulfide	45.0		ug/L	50.0		90.1	10-136		2.87	30	
Carbon tetrachloride	43.4		"	50.0		86.9	66-143		0.00	30	
Chlorobenzene	48.8		"	50.0		97.6	86-120		2.79	30	
Chloroethane	50.1		"	50.0		100	51-142		0.0199	30	
Chloroform	44.5		"	50.0		89.1	76-131		1.18	30	
Chloromethane	55.3		"	50.0		111	49-132		0.307	30	
cis-1,2-Dichloroethylene	44.6		"	50.0		89.1	74-132		1.43	30	
cis-1,3-Dichloropropylene	42.0		"	50.0		84.0	81-129		2.35	30	
Cyclohexane	48.6		"	50.0		97.1	70-130		1.57	30	
Dibromochloromethane	46.4		"	50.0		92.8	10-200		2.91	30	
Dibromomethane	46.1		"	50.0		92.2	83-124		3.48	30	
Dichlorodifluoromethane	131		"	50.0		262	28-158	High Bias	0.721	30	
Ethyl Benzene	50.3		"	50.0		101	84-125		2.59	30	
Hexachlorobutadiene	46.2		"	50.0		92.4	83-133		5.21	30	
Isopropylbenzene	47.3		"	50.0		94.6	81-127		0.274	30	
Methyl acetate	37.1		"	50.0		74.2	41-143		4.61	30	
Methyl tert-butyl ether (MTBE)	40.1		"	50.0		80.2	74-131		1.44	30	
Methylcyclohexane	47.8		"	50.0		95.7	70-130		1.18	30	
Methylene chloride	42.8		"	50.0		85.6	57-141		3.42	30	
n-Butylbenzene	50.6		"	50.0		101	80-130		3.61	30	
n-Propylbenzene	51.3		"	50.0		103	74-136		1.62	30	
o-Xylene	46.9		"	50.0		93.9	83-123		2.63	30	
p- & m- Xylenes	101		"	100		101	82-128		3.10	30	
p-Isopropyltoluene	50.9		"	50.0		102	85-125		2.47	30	
sec-Butylbenzene	51.1		"	50.0		102	83-125		1.44	30	
Styrene	50.0		"	50.0		100	86-126		3.58	30	
tert-Butyl alcohol (TBA)	182		"	250		72.6	70-130		3.94	30	
tert-Butylbenzene	46.7		"	50.0		93.3	80-127		0.556	30	
Tetrachloroethylene	44.2		"	50.0		88.4	80-129		1.79	30	
Toluene	48.7		"	50.0		97.5	85-121		2.73	30	
trans-1,2-Dichloroethylene	44.0		"	50.0		88.0	72-132		3.15	30	
trans-1,3-Dichloropropylene	40.0		"	50.0		80.0	78-132		2.91	30	
Trichloroethylene	47.0		"	50.0		94.0	84-123		1.02	30	
Trichlorofluoromethane	51.8		"	50.0		104	62-140		3.13	30	
Vinyl Chloride	52.9		"	50.0		106	52-130		2.26	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25E1670-01	25 SV-2-N (10-12)	40mL Vial with Stir Bar-Cool 4° C
25E1670-02	25 SV-2-N (12-14)	40mL Vial with Stir Bar-Cool 4° C
25E1670-03	25 SV-2-N (14-15)	40mL Vial with Stir Bar-Cool 4° C
25E1670-04	25 SV-2-S (0-2)	40mL Vial with Stir Bar-Cool 4° C
25E1670-05	25 SV-2-S (2-4)	40mL Vial with Stir Bar-Cool 4° C
25E1670-06	25 SV-2-S (10-12)	40mL Vial with Stir Bar-Cool 4° C
25E1670-07	25 SV-2-S (12-14)	40mL Vial with Stir Bar-Cool 4° C
25E1670-08	25 SV-2-S (14-15)	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25E1670

Page 1 of 1

Report To:
Company: Vector Consultant
Address: 32 W 31st St, 6th Fl NY, NY 10001
Phone.: 347-871-0780
Contact: Engr Manager
E-mail: Engr@Vectorcon, Dillon@Vectorcon

Invoice To:
Company:
Address:
Phone.:
Contact:
E-mail: AP@Vectorcon

YOUR Project Name / Number: 32-20 38th Avenue, Queens New York

PO Number:

Samples Collected From: NY [X] CT [ ] NJ [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other 8260 TCL VOCs	Grab or Comp. G/C
25SU-2-N (10-12)	5/21/25	0930	S	1		1							2 X	
25SU-2-N (12-14)		0932	S	1		1							2 X	
25SU-2-N (14-15)		0934	S	1		1							2 X	
25SU-2-DUP S (0-2)		0900	S	1		1							2 X	
25SU-2-DUP S (2-4)		0902	S	1		1							2 X	
25SU-2-S (10-12)		0904	S	1		1							2 X	
25SU-2-S (12-14)		0906	S	1		1							2 X	
25SU-2-S (14-15)		0910	S	1		1							2 X	

Turn-Around Time (continued): RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Vector	5/27/25 1230	York	5/27/25 1230		5/27/25 13:45
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	5/27/25 13:45 4.9		5/27/25 1735		5/27/25 1735
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	5/27/25 2015				5/27/25 2015 3.1 Degrees C

Technical Report

prepared for:

Vektor Consultants
555 8th Avenue Suite 2302
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 03/25/2026
Client Project ID: 24030007 32-10 38th Ave Queens NY
Project (SDG) No.: 26B0173

Revision No. 1.0

Report Date: 03/25/2026
Client Project ID: 24030007 32-10 38th Ave Queens NY
Project (SDG) No.: 26B0173

Vektor Consultants
555 8th Avenue Suite 2302
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 04, 2026 and listed below. The project was identified as your project: **24030007 32-10 38th Ave Queens NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26B0173-01	26SB-1 (0-2)	Soil	02/04/2026	02/04/2026
26B0173-02	26SB-1 (6-8)	Soil	02/04/2026	02/04/2026
26B0173-03	26SB-1 (15-17)	Soil	02/04/2026	02/04/2026
26B0173-04	26SB-2 (0-2)	Soil	02/04/2026	02/04/2026
26B0173-05	26SB-2 (7-9)	Soil	02/04/2026	02/04/2026
26B0173-06	26SB-2 (17-19)	Soil	02/04/2026	02/04/2026
26B0173-07	26SB-4 (0-2)	Soil	02/04/2026	02/04/2026
26B0173-08	26SB-4 (5-7)	Soil	02/04/2026	02/04/2026
26B0173-09	26SB-4 (17-19)	Soil	02/04/2026	02/04/2026
26B0173-10	Field Blank	Water	02/04/2026	02/04/2026
26B0173-11	Field Dup-020426	Soil	02/04/2026	02/04/2026
26B0173-12	Trip Blank	Water	02/03/2026	02/04/2026

General Notes for Project (SDG) No.: 26B0173

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. ALS' liability for the above data is limited to the dollar value paid to ALS for the referenced project.
4. This report shall not be reproduced without the written approval of ALS, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by ALS.
8. Analyses conducted at ALS, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at ALS, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: **Date:** 03/25/2026

Cassie Mosher
Laboratory Manager - Stratford

Samantha Henningsen
Laboratory Director - Queens

Positive Hits Included in This Report

Excludes Subcontracted Analysis

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26B0173-01 - 26SB-1 (0-2)								
Perfluorooctanoic acid (PFOA)	0.134	J	J	0.0787	0.225	ug/kg dry	EPA 1633A	02/15/26 7:02
Perfluorooctanesulfonic acid (PFOS)	0.118	J	J	0.0787	0.209	ug/kg dry	EPA 1633A	02/15/26 7:02
Aluminum	13100			4.68	4.68	mg/kg dry	EPA 6010D	02/06/26 14:06
Arsenic	5.01			1.41	1.41	mg/kg dry	EPA 6010D	02/06/26 14:06
Barium	61.3			2.34	2.34	mg/kg dry	EPA 6010D	02/06/26 14:06
Beryllium	0.472			0.047	0.047	mg/kg dry	EPA 6010D	02/06/26 14:06
Calcium	18100			4.68	4.68	mg/kg dry	EPA 6010D	02/06/26 14:06
Chromium	21.9			0.469	0.469	mg/kg dry	EPA 6010D	02/06/26 14:06
Cobalt	7.66			0.374	0.374	mg/kg dry	EPA 6010D	02/06/26 14:06
Copper	22.5			1.87	1.87	mg/kg dry	EPA 6010D	02/06/26 14:06
Iron	16800			23.4	23.4	mg/kg dry	EPA 6010D	02/06/26 14:06
Lead	60.0			0.469	0.469	mg/kg dry	EPA 6010D	02/06/26 14:06
Magnesium	3330			4.69	4.69	mg/kg dry	EPA 6010D	02/06/26 14:06
Manganese	220			0.469	0.469	mg/kg dry	EPA 6010D	02/06/26 14:06
Nickel	15.0			0.933	0.933	mg/kg dry	EPA 6010D	02/06/26 14:06
Potassium	1060			4.69	4.69	mg/kg dry	EPA 6010D	02/06/26 14:06
Sodium	357			46.8	46.8	mg/kg dry	EPA 6010D	02/06/26 14:06
Vanadium	30.6			0.933	0.933	mg/kg dry	EPA 6010D	02/06/26 14:06
Zinc	52.5			2.33	2.33	mg/kg dry	EPA 6010D	02/06/26 14:06
Mercury	0.104			0.00949	0.0337	mg/kg dry	EPA 7473	02/06/26 10:32
Fluoranthene	0.0556	QL-02, J	JD	0.0465	0.0928	mg/kg dry	EPA 8270E	02/10/26 12:17
* % Solids	89.0			0.100	0.100	%	SM 2540G	02/05/26 12:10
26B0173-02 - 26SB-1 (6-8)								
Aluminum	6220			4.40	4.40	mg/kg dry	EPA 6010D	02/06/26 12:47
Barium	47.4			2.20	2.20	mg/kg dry	EPA 6010D	02/06/26 12:47
Beryllium	0.253			0.044	0.044	mg/kg dry	EPA 6010D	02/06/26 12:47
Calcium	1730			4.40	4.40	mg/kg dry	EPA 6010D	02/06/26 12:47
Chromium	15.1			0.440	0.440	mg/kg dry	EPA 6010D	02/06/26 12:47
Cobalt	8.11			0.352	0.352	mg/kg dry	EPA 6010D	02/06/26 12:47
Copper	18.0			1.76	1.76	mg/kg dry	EPA 6010D	02/06/26 12:47
Iron	12700			22.0	22.0	mg/kg dry	EPA 6010D	02/06/26 12:47
Lead	3.68			0.440	0.440	mg/kg dry	EPA 6010D	02/06/26 12:47
Magnesium	3650			4.40	4.40	mg/kg dry	EPA 6010D	02/06/26 12:47
Manganese	276			0.440	0.440	mg/kg dry	EPA 6010D	02/06/26 12:47
Nickel	14.5			0.877	0.877	mg/kg dry	EPA 6010D	02/06/26 12:47
Potassium	1630			4.40	4.40	mg/kg dry	EPA 6010D	02/06/26 12:47
Sodium	133			44.0	44.0	mg/kg dry	EPA 6010D	02/06/26 12:47
Vanadium	22.3			0.877	0.877	mg/kg dry	EPA 6010D	02/06/26 12:47
Zinc	34.8			2.19	2.19	mg/kg dry	EPA 6010D	02/06/26 12:47
4,4'-DDT [2C]	0.00387		D	0.00173	0.00173	mg/kg dry	EPA 8081B	02/06/26 12:41
* % Solids	94.7			0.100	0.100	%	SM 2540G	02/05/26 12:10
26B0173-03 - 26SB-1 (15-17)								
Perfluorohexanoic acid (PFHxA)	0.140	J	J	0.0544	0.218	ug/kg dry	EPA 1633A	02/15/26 7:30
Perfluorooctanoic acid (PFOA)	0.107	J	J	0.0762	0.218	ug/kg dry	EPA 1633A	02/15/26 7:30
Perfluoropentanoic acid (PFPeA)	0.142	J	J	0.0871	0.436	ug/kg dry	EPA 1633A	02/15/26 7:30

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26B0173-03 - 26SB-1 (15-17)								
Aluminum	8360			4.54	4.54	mg/kg dry	EPA 6010D	02/06/26 12:48
Arsenic	1.93			1.36	1.36	mg/kg dry	EPA 6010D	02/06/26 12:48
Barium	53.9			2.26	2.26	mg/kg dry	EPA 6010D	02/06/26 12:48
Beryllium	0.335			0.046	0.046	mg/kg dry	EPA 6010D	02/06/26 12:48
Calcium	18200			4.54	4.54	mg/kg dry	EPA 6010D	02/06/26 12:48
Chromium	21.4			0.454	0.454	mg/kg dry	EPA 6010D	02/06/26 12:48
Cobalt	7.79			0.363	0.363	mg/kg dry	EPA 6010D	02/06/26 12:48
Copper	20.5			1.82	1.82	mg/kg dry	EPA 6010D	02/06/26 12:48
Iron	14100			22.7	22.7	mg/kg dry	EPA 6010D	02/06/26 12:48
Lead	12.0			0.454	0.454	mg/kg dry	EPA 6010D	02/06/26 12:48
Magnesium	8560			4.54	4.54	mg/kg dry	EPA 6010D	02/06/26 12:48
Manganese	251			0.454	0.454	mg/kg dry	EPA 6010D	02/06/26 12:48
Nickel	15.9			0.904	0.904	mg/kg dry	EPA 6010D	02/06/26 12:48
Potassium	2270			4.54	4.54	mg/kg dry	EPA 6010D	02/06/26 12:48
Sodium	327			45.4	45.4	mg/kg dry	EPA 6010D	02/06/26 12:48
Vanadium	23.2			0.904	0.904	mg/kg dry	EPA 6010D	02/06/26 12:48
Zinc	43.5			2.26	2.26	mg/kg dry	EPA 6010D	02/06/26 12:48
1,2,4-Trimethylbenzene	0.0049			0.0023	0.0045	mg/kg dry	EPA 8260D	02/10/26 3:20
* % Solids	91.8			0.100	0.100	%	SM 2540G	02/05/26 12:10
26B0173-04 - 26SB-2 (0-2)								
Aluminum	15400			4.93	4.93	mg/kg dry	EPA 6010D	02/06/26 12:50
Arsenic	6.91			1.48	1.48	mg/kg dry	EPA 6010D	02/06/26 12:50
Barium	122			2.46	2.46	mg/kg dry	EPA 6010D	02/06/26 12:50
Beryllium	0.541			0.050	0.050	mg/kg dry	EPA 6010D	02/06/26 12:50
Cadmium	0.296			0.296	0.296	mg/kg dry	EPA 6010D	02/06/26 12:50
Calcium	2950			4.93	4.93	mg/kg dry	EPA 6010D	02/06/26 12:50
Chromium	27.3			0.493	0.493	mg/kg dry	EPA 6010D	02/06/26 12:50
Cobalt	8.98			0.394	0.394	mg/kg dry	EPA 6010D	02/06/26 12:50
Copper	47.2			1.97	1.97	mg/kg dry	EPA 6010D	02/06/26 12:50
Iron	18900			24.6	24.6	mg/kg dry	EPA 6010D	02/06/26 12:50
Lead	395			0.493	0.493	mg/kg dry	EPA 6010D	02/06/26 12:50
Magnesium	2810			4.93	4.93	mg/kg dry	EPA 6010D	02/06/26 12:50
Manganese	383			0.493	0.493	mg/kg dry	EPA 6010D	02/06/26 12:50
Nickel	15.4			0.982	0.982	mg/kg dry	EPA 6010D	02/06/26 12:50
Potassium	1060			4.93	4.93	mg/kg dry	EPA 6010D	02/06/26 12:50
Sodium	98.6			49.3	49.3	mg/kg dry	EPA 6010D	02/06/26 12:50
Vanadium	37.1			0.982	0.982	mg/kg dry	EPA 6010D	02/06/26 12:50
Zinc	176			2.45	2.45	mg/kg dry	EPA 6010D	02/06/26 12:50
Mercury	0.113			0.00998	0.0355	mg/kg dry	EPA 7473	02/06/26 16:31
4,4'-DDE [2C]	0.0392	P	DP	0.00193	0.00193	mg/kg dry	EPA 8081B	02/05/26 18:59
alpha-Chlordane	4.24		D	0.0385	0.0385	mg/kg dry	EPA 8081B	02/09/26 20:09
gamma-Chlordane	5.49		D	0.0385	0.0385	mg/kg dry	EPA 8081B	02/09/26 20:09
Heptachlor	1.37		D	0.0385	0.0385	mg/kg dry	EPA 8081B	02/09/26 20:09
* Chlordane, total	55.0		D	0.771	0.771	mg/kg dry	EPA 8081B	02/09/26 20:09

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26B0173-04 - 26SB-2 (0-2)								
Acetone	0.0057	J, ICVE, B	JB	0.0051	0.010	mg/kg dry	EPA 8260D	02/10/26 3:47
2-Methylnaphthalene	0.985	QL-02	D	0.0488	0.0974	mg/kg dry	EPA 8270E	02/10/26 14:07
Acenaphthene	0.110	QL-02	D	0.0488	0.0974	mg/kg dry	EPA 8270E	02/10/26 14:07
Anthracene	0.168	QL-02	D	0.0488	0.0974	mg/kg dry	EPA 8270E	02/10/26 14:07
Benzo(a)anthracene	0.140	QL-02	D	0.0488	0.0974	mg/kg dry	EPA 8270E	02/10/26 14:07
Chrysene	0.255	QL-02	D	0.0488	0.0974	mg/kg dry	EPA 8270E	02/10/26 14:07
Dibenzofuran	0.0669	J, QL-02	JD	0.0488	0.0974	mg/kg dry	EPA 8270E	02/10/26 14:07
Fluoranthene	0.0794	J, QL-02	JD	0.0488	0.0974	mg/kg dry	EPA 8270E	02/10/26 14:07
Fluorene	0.216	QL-02	D	0.0488	0.0974	mg/kg dry	EPA 8270E	02/10/26 14:07
Naphthalene	0.339	QL-02	D	0.0488	0.0974	mg/kg dry	EPA 8270E	02/10/26 14:07
Phenanthrene	0.784	QL-02	D	0.0488	0.0974	mg/kg dry	EPA 8270E	02/10/26 14:07
Pyrene	0.245	QL-02	D	0.0488	0.0974	mg/kg dry	EPA 8270E	02/10/26 14:07
* % Solids	84.5			0.100	0.100	%	SM 2540G	02/05/26 12:10
26B0173-05 - 26SB-2 (7-9)								
N-EtFOSE	0.500	J	J	0.500	2.17	ug/kg dry	EPA 1633A	02/15/26 7:58
Aluminum	10800			4.53	4.53	mg/kg dry	EPA 6010D	02/06/26 12:59
Barium	75.9			2.26	2.26	mg/kg dry	EPA 6010D	02/06/26 12:59
Beryllium	0.339			0.046	0.046	mg/kg dry	EPA 6010D	02/06/26 12:59
Calcium	1740			4.53	4.53	mg/kg dry	EPA 6010D	02/06/26 12:59
Chromium	28.5			0.453	0.453	mg/kg dry	EPA 6010D	02/06/26 12:59
Cobalt	9.78			0.362	0.362	mg/kg dry	EPA 6010D	02/06/26 12:59
Copper	24.3			1.81	1.81	mg/kg dry	EPA 6010D	02/06/26 12:59
Iron	19000			22.6	22.6	mg/kg dry	EPA 6010D	02/06/26 12:59
Lead	3.77			0.453	0.453	mg/kg dry	EPA 6010D	02/06/26 12:59
Magnesium	5880			4.53	4.53	mg/kg dry	EPA 6010D	02/06/26 12:59
Manganese	423			0.453	0.453	mg/kg dry	EPA 6010D	02/06/26 12:59
Nickel	21.2			0.902	0.902	mg/kg dry	EPA 6010D	02/06/26 12:59
Potassium	3110			4.53	4.53	mg/kg dry	EPA 6010D	02/06/26 12:59
Sodium	91.6			45.3	45.3	mg/kg dry	EPA 6010D	02/06/26 12:59
Vanadium	32.8			0.902	0.902	mg/kg dry	EPA 6010D	02/06/26 12:59
Zinc	81.4			2.25	2.25	mg/kg dry	EPA 6010D	02/06/26 12:59
4,4'-DDE	0.00206		D	0.00178	0.00178	mg/kg dry	EPA 8081B	02/05/26 19:15
alpha-Chlordane [2C]	0.0889		D	0.00178	0.00178	mg/kg dry	EPA 8081B	02/05/26 19:15
gamma-Chlordane [2C]	0.0981		D	0.00178	0.00178	mg/kg dry	EPA 8081B	02/05/26 19:15
Heptachlor	0.0274		D	0.00178	0.00178	mg/kg dry	EPA 8081B	02/05/26 19:15
* Chlordane, total [2C]	0.802		D	0.0356	0.0356	mg/kg dry	EPA 8081B	02/05/26 19:15
Acetone	0.0072	J, ICVE, B	JB	0.0062	0.012	mg/kg dry	EPA 8260D	02/10/26 4:14
* % Solids	92.1			0.100	0.100	%	SM 2540G	02/05/26 12:10
26B0173-06 - 26SB-2 (17-19)								
Perfluorooctanoic acid (PFOA)	0.141	J	J	0.0750	0.214	ug/kg dry	EPA 1633A	02/15/26 9:09
Perfluorooctanesulfonic acid (PFOS)	0.0934	J	J	0.0750	0.199	ug/kg dry	EPA 1633A	02/15/26 9:09
Aluminum	5160			4.39	4.39	mg/kg dry	EPA 6010D	02/06/26 13:00
Barium	23.8			2.19	2.19	mg/kg dry	EPA 6010D	02/06/26 13:00
Beryllium	0.220			0.044	0.044	mg/kg dry	EPA 6010D	02/06/26 13:00

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26B0173-06 - 26SB-2 (17-19)								
Calcium	2270			4.39	4.39	mg/kg dry	EPA 6010D	02/06/26 13:00
Chromium	10.2			0.439	0.439	mg/kg dry	EPA 6010D	02/06/26 13:00
Cobalt	5.24			0.351	0.351	mg/kg dry	EPA 6010D	02/06/26 13:00
Copper	14.0			1.76	1.76	mg/kg dry	EPA 6010D	02/06/26 13:00
Iron	9510			22.0	22.0	mg/kg dry	EPA 6010D	02/06/26 13:00
Lead	2.53			0.439	0.439	mg/kg dry	EPA 6010D	02/06/26 13:00
Magnesium	3500			4.39	4.39	mg/kg dry	EPA 6010D	02/06/26 13:00
Manganese	230			0.439	0.439	mg/kg dry	EPA 6010D	02/06/26 13:00
Nickel	11.1			0.875	0.875	mg/kg dry	EPA 6010D	02/06/26 13:00
Potassium	921			4.39	4.39	mg/kg dry	EPA 6010D	02/06/26 13:00
Sodium	193			43.9	43.9	mg/kg dry	EPA 6010D	02/06/26 13:00
Vanadium	15.7			0.875	0.875	mg/kg dry	EPA 6010D	02/06/26 13:00
Zinc	28.3			2.19	2.19	mg/kg dry	EPA 6010D	02/06/26 13:00
* % Solids	93.3			0.100	0.100	%	SM 2540G	02/05/26 12:10
26B0173-07 - 26SB-4 (0-2)								
Perfluorooctanoic acid (PFOA)	0.308			0.0794	0.227	ug/kg dry	EPA 1633A	02/15/26 9:24
Aluminum	12000			4.80	4.80	mg/kg dry	EPA 6010D	02/06/26 13:02
Arsenic	2.59			1.44	1.44	mg/kg dry	EPA 6010D	02/06/26 13:02
Barium	60.4			2.40	2.40	mg/kg dry	EPA 6010D	02/06/26 13:02
Beryllium	0.384			0.048	0.048	mg/kg dry	EPA 6010D	02/06/26 13:02
Calcium	1400			4.80	4.80	mg/kg dry	EPA 6010D	02/06/26 13:02
Chromium	21.4			0.481	0.481	mg/kg dry	EPA 6010D	02/06/26 13:02
Cobalt	5.50			0.384	0.384	mg/kg dry	EPA 6010D	02/06/26 13:02
Copper	32.3			1.92	1.92	mg/kg dry	EPA 6010D	02/06/26 13:02
Iron	14700			24.0	24.0	mg/kg dry	EPA 6010D	02/06/26 13:02
Lead	22.1			0.481	0.481	mg/kg dry	EPA 6010D	02/06/26 13:02
Magnesium	2900			4.81	4.81	mg/kg dry	EPA 6010D	02/06/26 13:02
Manganese	231			0.481	0.481	mg/kg dry	EPA 6010D	02/06/26 13:02
Nickel	13.2			0.957	0.957	mg/kg dry	EPA 6010D	02/06/26 13:02
Potassium	831			4.81	4.81	mg/kg dry	EPA 6010D	02/06/26 13:02
Sodium	78.7			48.0	48.0	mg/kg dry	EPA 6010D	02/06/26 13:02
Vanadium	26.7			0.957	0.957	mg/kg dry	EPA 6010D	02/06/26 13:02
Zinc	39.8			2.39	2.39	mg/kg dry	EPA 6010D	02/06/26 13:02
Mercury	0.0641			0.00957	0.0340	mg/kg dry	EPA 7473	02/06/26 16:32
* % Solids	88.2			0.100	0.100	%	SM 2540G	02/05/26 12:10
26B0173-08 - 26SB-4 (5-7)								
Aluminum	10800			4.72	4.72	mg/kg dry	EPA 6010D	02/06/26 13:03
Barium	51.0			2.36	2.36	mg/kg dry	EPA 6010D	02/06/26 13:03
Beryllium	0.420			0.048	0.048	mg/kg dry	EPA 6010D	02/06/26 13:03
Calcium	973			4.72	4.72	mg/kg dry	EPA 6010D	02/06/26 13:03
Chromium	23.0			0.472	0.472	mg/kg dry	EPA 6010D	02/06/26 13:03
Cobalt	10.1			0.377	0.377	mg/kg dry	EPA 6010D	02/06/26 13:03
Copper	20.2			1.89	1.89	mg/kg dry	EPA 6010D	02/06/26 13:03
Iron	15300			23.6	23.6	mg/kg dry	EPA 6010D	02/06/26 13:03

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26B0173-08 - 26SB-4 (5-7)								
Lead	5.57			0.472	0.472	mg/kg dry	EPA 6010D	02/06/26 13:03
Magnesium	5100			4.72	4.72	mg/kg dry	EPA 6010D	02/06/26 13:03
Manganese	410			0.472	0.472	mg/kg dry	EPA 6010D	02/06/26 13:03
Nickel	17.6			0.940	0.940	mg/kg dry	EPA 6010D	02/06/26 13:03
Potassium	1930			4.72	4.72	mg/kg dry	EPA 6010D	02/06/26 13:03
Sodium	84.2			47.2	47.2	mg/kg dry	EPA 6010D	02/06/26 13:03
Vanadium	26.9			0.940	0.940	mg/kg dry	EPA 6010D	02/06/26 13:03
Zinc	71.9			2.35	2.35	mg/kg dry	EPA 6010D	02/06/26 13:03
* % Solids	88.3			0.100	0.100	%	SM 2540G	02/05/26 12:10
26B0173-09 - 26SB-4 (17-19)								
Perfluorooctanoic acid (PFOA)	0.102	J	J	0.0816	0.233	ug/kg dry	EPA 1633A	02/17/26 11:23
Aluminum	7730			4.86	4.86	mg/kg dry	EPA 6010D	02/09/26 14:15
Arsenic	1.96			1.46	1.46	mg/kg dry	EPA 6010D	02/09/26 14:15
Barium	34.8			2.43	2.43	mg/kg dry	EPA 6010D	02/09/26 14:15
Beryllium	0.296			0.049	0.049	mg/kg dry	EPA 6010D	02/09/26 14:15
Calcium	4870			4.86	4.86	mg/kg dry	EPA 6010D	02/09/26 14:15
Chromium	17.5			0.486	0.486	mg/kg dry	EPA 6010D	02/09/26 14:15
Cobalt	6.53			0.388	0.388	mg/kg dry	EPA 6010D	02/09/26 14:15
Copper	19.2			1.94	1.94	mg/kg dry	EPA 6010D	02/09/26 14:15
Iron	11900			24.3	24.3	mg/kg dry	EPA 6010D	02/09/26 14:15
Lead	8.54			0.486	0.486	mg/kg dry	EPA 6010D	02/09/26 14:15
Magnesium	5050			4.86	4.86	mg/kg dry	EPA 6010D	02/09/26 14:15
Manganese	281			0.486	0.486	mg/kg dry	EPA 6010D	02/09/26 14:15
Nickel	14.4			0.968	0.968	mg/kg dry	EPA 6010D	02/09/26 14:15
Potassium	1210			4.86	4.86	mg/kg dry	EPA 6010D	02/09/26 14:15
Sodium	170			48.6	48.6	mg/kg dry	EPA 6010D	02/09/26 14:15
Vanadium	21.8			0.968	0.968	mg/kg dry	EPA 6010D	02/09/26 14:15
Zinc	39.7			2.42	2.42	mg/kg dry	EPA 6010D	02/09/26 14:15
2-Methylnaphthalene	0.0560	J, QL-02	JD	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Acenaphthene	0.0790	J, QL-02	JD	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Anthracene	0.183	QL-02	D	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Benzo(a)anthracene	0.312	QL-02	D	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Benzo(a)pyrene	0.292	QL-02, CCVE	D	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Benzo(b)fluoranthene	0.239	QL-02, CCVE	D	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Benzo(g,h,i)perylene	0.178	QL-02	D	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Benzo(k)fluoranthene	0.297	QL-02, CCVE	D	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Carbazole	0.0706	J, QL-02	JD	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Chrysene	0.343	QL-02	D	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Dibenzo(a,h)anthracene	0.0491	J, QL-02	JD	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Dibenzofuran	0.0706	J, QL-02	JD	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Fluoranthene	0.650	QL-02	D	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Fluorene	0.0560	J, QL-02	JD	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26B0173-09 - 26SB-4 (17-19)								
Indeno(1,2,3-cd)pyrene	0.141	QL-02	D	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Naphthalene	0.0798	J, QL-02	JD	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Phenanthrene	0.859	QL-02	D	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
Pyrene	0.832	QL-02	D	0.0481	0.0960	mg/kg dry	EPA 8270E	02/10/26 14:44
* % Solids	85.8			0.100	0.100	%	SM 2540G	02/05/26 12:10
26B0173-10 - Field Blank								
Sodium	1.15			0.970	1.11	mg/L	EPA 6010D	02/05/26 15:05
Bromodichloromethane	0.470	J	J	0.245	0.500	ug/L	EPA 8260D	02/10/26 22:49
Chloroform	27.0			0.243	0.500	ug/L	EPA 8260D	02/10/26 22:49
26B0173-11 - Field Dup-020426								
Perfluorohexanoic acid (PFHxA)	0.0812	J	J	0.0582	0.233	ug/kg dry	EPA 1633A	02/15/26 9:52
Perfluoropentanoic acid (PFPeA)	0.427	J	J	0.0931	0.466	ug/kg dry	EPA 1633A	02/15/26 9:52
Aluminum	8200			4.85	4.85	mg/kg dry	EPA 6010D	02/09/26 13:13
Arsenic	1.72			1.45	1.45	mg/kg dry	EPA 6010D	02/09/26 13:13
Barium	42.4			2.42	2.42	mg/kg dry	EPA 6010D	02/09/26 13:13
Beryllium	0.324			0.049	0.049	mg/kg dry	EPA 6010D	02/09/26 13:13
Calcium	21600			4.85	4.85	mg/kg dry	EPA 6010D	02/09/26 13:13
Chromium	15.0			0.485	0.485	mg/kg dry	EPA 6010D	02/09/26 13:13
Cobalt	7.38			0.388	0.388	mg/kg dry	EPA 6010D	02/09/26 13:13
Copper	16.6			1.94	1.94	mg/kg dry	EPA 6010D	02/09/26 13:13
Iron	12900			24.2	24.2	mg/kg dry	EPA 6010D	02/09/26 13:13
Lead	7.35			0.485	0.485	mg/kg dry	EPA 6010D	02/09/26 13:13
Magnesium	13400			4.85	4.85	mg/kg dry	EPA 6010D	02/09/26 13:13
Manganese	238			0.485	0.485	mg/kg dry	EPA 6010D	02/09/26 13:13
Nickel	15.0			0.966	0.966	mg/kg dry	EPA 6010D	02/09/26 13:13
Potassium	2070			4.85	4.85	mg/kg dry	EPA 6010D	02/09/26 13:13
Sodium	361			48.5	48.5	mg/kg dry	EPA 6010D	02/09/26 13:13
Vanadium	22.8			0.966	0.966	mg/kg dry	EPA 6010D	02/09/26 13:13
Zinc	39.5			2.41	2.41	mg/kg dry	EPA 6010D	02/09/26 13:13
Acetone	0.0071	J	J	0.0055	0.011	mg/kg dry	EPA 8260D	02/11/26 13:57
* % Solids	85.9			0.100	0.100	%	SM 2540G	02/05/26 12:10
26B0173-12 - Trip Blank								
Acetone	3.57	CCVE, QL-02		1.34	2.00	ug/L	EPA 8260D	02/10/26 21:20

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,1,1-Trichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,1,2-Trichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,1-Dichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,1-Dichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2,3-Trichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2,3-Trichloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2,4-Trichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2,4-Trimethylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2-Dibromoethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2-Dichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2-Dichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2-Dichloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,3,5-Trimethylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,3-Dichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,4-Dichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
2-Butanone	ND	ICVE, QL-02	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
2-Hexanone	ND	QL-02, ICVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
4-Methyl-2-pentanone	ND	QL-02, ICVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Acetone	ND	ICVE	U	0.0067	0.013	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Acrolein	ND	ICVE	U	0.0067	0.013	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Acrylonitrile	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Benzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Bromochloromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Bromodichloromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Bromoform	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Bromomethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Carbon disulfide	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Carbon tetrachloride	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Chlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Chloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Chloroform	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Chloromethane	ND	CCVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
cis-1,2-Dichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
cis-1,3-Dichloropropylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Cyclohexane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Dibromochloromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Dibromomethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Hexachlorobutadiene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Isopropylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Methyl acetate	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02, ICVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Methylcyclohexane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Methylene chloride	ND		U	0.0067	0.013	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
n-Butylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
n-Propylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
o-Xylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
p- & m- Xylenes	ND		U	0.0067	0.013	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
p-Isopropyltoluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
sec-Butylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Styrene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
tert-Butyl alcohol (TBA)	ND		U	0.017	0.033	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
tert-Butylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Tetrachloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Toluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
trans-1,2-Dichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
trans-1,3-Dichloropropylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Trichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Trichlorofluoromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Vinyl Chloride	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Xylenes, Total	ND		U	0.010	0.020	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*102 %*		*77-125*	*EPA 8260D*	*2/10/26 02:26*
Surrogate: SURR: Toluene-d8	*103 %*		*85-120*	*EPA 8260D*	*2/10/26 02:26*
Surrogate: SURR: p-Bromofluorobenzene	*106 %*		*76-130*	*EPA 8260D*	*2/10/26 02:26*

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
1,2,4,5-Tetrachlorobenzene	ND	QL-02	U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
1,2,4-Trichlorobenzene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
1,2-Dichlorobenzene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
1,3-Dichlorobenzene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
1,4-Dichlorobenzene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,3,4,6-Tetrachlorophenol	ND	QL-02	U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,4,5-Trichlorophenol	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,4,6-Trichlorophenol	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,4-Dichlorophenol	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,4-Dimethylphenol	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,4-Dinitrophenol	ND	CAL-E, CCVE	U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,4-Dinitrotoluene	ND	QL-02, CAL-E	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,6-Dinitrotoluene	ND	QL-02, CAL-E	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2-Chloronaphthalene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2-Chlorophenol	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2-Methylnaphthalene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2-Methylphenol	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2-Nitroaniline	ND	QL-02, CAL-E	U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2-Nitrophenol	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
* 3- & 4-Methylphenols	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
3,3-Dichlorobenzidine	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
3-Nitroaniline	ND	QL-02	U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4,6-Dinitro-2-methylphenol	ND	QL-02, CAL-E, CCVE	U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4-Bromophenyl phenyl ether	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4-Chloro-3-methylphenol	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4-Chloroaniline	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4-Chlorophenyl phenyl ether	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4-Nitroaniline	ND	QL-02	U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4-Nitrophenol	ND		U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Acenaphthene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Acenaphthylene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Acetophenone	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Aniline	ND		U	0.186	0.372	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Anthracene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Atrazine	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzaldehyde	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzidine	ND		U	0.186	0.372	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzo(a)anthracene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzo(a)pyrene	ND	QL-02, CCVE	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzo(b)fluoranthene	ND	QL-02, CCVE	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzo(g,h,i)perylene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzo(k)fluoranthene	ND	QL-02, CCVE	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND	CAL-E	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzyl alcohol	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzyl butyl phthalate	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Bis(2-chloroethoxy)methane	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Bis(2-chloroethyl)ether	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Bis(2-chloroisopropyl)ether	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Bis(2-ethylhexyl)phthalate	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Caprolactam	ND		U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Carbazole	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Chrysene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Dibenzo(a,h)anthracene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Dibenzofuran	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Diethyl phthalate	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Dimethyl phthalate	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Di-n-butyl phthalate	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Di-n-octyl phthalate	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Fluoranthene	**0.0556**	QL-02, J	JD	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Fluorene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Hexachlorobenzene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Hexachlorobutadiene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Hexachlorocyclopentadiene	ND	QL-02, CCVE	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Hexachloroethane	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Indeno(1,2,3-cd)pyrene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Isophorone	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Naphthalene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Nitrobenzene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
N-Nitrosodimethylamine	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
N-nitroso-di-n-propylamine	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
N-Nitrosodiphenylamine	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Pentachlorophenol	ND	CAL-E	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Phenanthrene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Phenol	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Pyrene	ND	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Pyridine	ND		U	0.186	0.372	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*49.9 %*		*20-108*	*EPA 8270E*	*2/10/26 12:17*
Surrogate: SURR: Phenol-d6	*48.1 %*		*23-114*	*EPA 8270E*	*2/10/26 12:17*
Surrogate: SURR: Nitrobenzene-d5	*50.8 %*		*22-108*	*EPA 8270E*	*2/10/26 12:17*
Surrogate: SURR: 2-Fluorobiphenyl	*41.8 %*		*21-113*	*EPA 8270E*	*2/10/26 12:17*
Surrogate: SURR: 2,4,6-Tribromophenol	*47.2 %*		*19-110*	*EPA 8270E*	*2/10/26 12:17*
Surrogate: SURR: Terphenyl-d14	*38.6 %*		*24-116*	*EPA 8270E*	*2/10/26 12:17*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0787	0.199	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0562	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.124	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.0787	0.206	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluorooctanoic acid (PFOA)	**0.134**	J	J	0.0787	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluorooctanesulfonic acid (PFOS)	**0.118**	J	J	0.0787	0.209	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluorononanoic acid (PFNA)	ND		U	0.157	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluorodecanoic acid (PFDA)	ND		U	0.0899	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.124	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluorododecanoic acid (PFDoA)	ND		U	0.0899	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.124	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.146	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
N-MeFOSAA	ND		U	0.0899	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
N-EtFOSAA	ND		U	0.101	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoropentanoic acid (PFPeA)	ND		U	0.0899	0.450	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0337	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.0787	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.0674	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.202	0.854	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.180	0.863	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.180	0.899	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.0674	0.400	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.438	0.450	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.0450	0.450	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.135	0.450	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0787	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.247	0.843	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
HFPO-DA (Gen-X)	ND		U	0.259	0.899	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
11CL-PF3OUdS	ND		U	0.247	0.850	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
9CL-PF3ONS	ND		U	0.303	0.841	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
ADONA	ND		U	0.292	0.850	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.169	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.157	0.216	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.360	1.12	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	0.821	5.62	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.06	5.62	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
N-MeFOSE	ND		U	0.821	2.25	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
N-MeFOSA	ND		U	0.146	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
N-EtFOSE	ND		U	0.517	2.25	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH
N-EtFOSA	ND		U	0.101	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KLH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*139 %*		*40-135*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M5PFHxA	*138 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M4PFHpA	*130 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M3PFHxS	*133 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*130 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M6PFDA	*118 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M7PFUdA	*106 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*93.8 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M2PFTeDA	*97.7 %*		*20-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*123 %*		*8-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*117 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*132 %*		*35-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*121 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: d3-N-MeFOSAA	*111 %*		*40-135*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: d5-N-EtFOSAA	*113 %*		*40-150*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M2-6:2 FTS	*145 %*		*40-215*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M2-8:2 FTS	*130 %*		*40-275*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M9PFNA	*123 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M2-4:2 FTS	*148 %*		*40-165*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: d-N-MeFOSA	*91.4 %*		*10-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: d-N-EtFOSA	*79.4 %*		*10-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M3HFPO-DA	*130 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: d9-N-EtFOSE	*83.7 %*		*15-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: d7-N-MeFOSE	*89.5 %*		*20-130*	*EPA 1633A*	*2/15/26 07:02*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
4,4'-DDE	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
4,4'-DDT	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Aldrin	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
alpha-BHC	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
alpha-Chlordane	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
beta-BHC	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
delta-BHC	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Dieldrin	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Endosulfan I	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Endosulfan II	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Endosulfan sulfate	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Endrin	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Endrin aldehyde	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Endrin ketone	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
gamma-BHC (Lindane)	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
gamma-Chlordane	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Heptachlor	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Heptachlor epoxide	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Methoxychlor	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Toxaphene	ND		U	0.184	0.184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
* Chlordane, total	ND		U	0.0367	0.0367	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*115 %*		*30-150*	*EPA 8081B*	*2/ 6/26 12:26*
Surrogate: Tetrachloro-m-xylene	*126 %*		*30-150*	*EPA 8081B*	*2/ 6/26 12:26*

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1221	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1232	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1242	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1248	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1254	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1260	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1262	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1268	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
* Total PCBs	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*106 %*		*30-120*	*EPA 8082A*	*2/ 6/26 21:36*
Surrogate: Decachlorobiphenyl	*122 %*	*S-GC, S-08*	*30-120*	*EPA 8082A*	*2/ 6/26 21:36*

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**13100**			4.68	4.68	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Antimony	ND		U	2.34	2.34	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Arsenic	**5.01**			1.41	1.41	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Barium	**61.3**			2.34	2.34	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Beryllium	**0.472**			0.047	0.047	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Cadmium	ND		U	0.281	0.281	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Calcium	**18100**			4.68	4.68	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Chromium	**21.9**			0.469	0.469	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Cobalt	**7.66**			0.374	0.374	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Copper	**22.5**			1.87	1.87	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Iron	**16800**			23.4	23.4	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Lead	**60.0**			0.469	0.469	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Magnesium	**3330**			4.69	4.69	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Manganese	**220**			0.469	0.469	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Nickel	**15.0**			0.933	0.933	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Potassium	**1060**			4.69	4.69	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Selenium	ND		U	2.34	2.34	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Silver	ND		U	0.472	0.472	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Sodium	**357**			46.8	46.8	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Thallium	ND		U	1.12	1.88	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Vanadium	**30.6**			0.933	0.933	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Zinc	**52.5**			2.33	2.33	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.104**			0.00949	0.0337	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 10:32	LCB

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.0**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2,3-Trichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2,4-Trichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2-Dibromoethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2-Dichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
2-Butanone	ND	QL-02, ICVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
2-Hexanone	ND	QL-02, ICVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
4-Methyl-2-pentanone	ND	QL-02, ICVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Acetone	ND	ICVE	U	0.0056	0.011	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Acrolein	ND	ICVE	U	0.0056	0.011	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Acrylonitrile	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Benzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Bromochloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Bromodichloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Bromoform	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Bromomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Carbon disulfide	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Carbon tetrachloride	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Chlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Chloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Chloroform	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Chloromethane	ND	CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
cis-1,3-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Cyclohexane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Dibromochloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Dibromomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Ethyl Benzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Hexachlorobutadiene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Isopropylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Methyl acetate	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02, ICVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Methylcyclohexane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Methylene chloride	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
n-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
n-Propylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
o-Xylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
p- & m- Xylenes	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
p-Isopropyltoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
sec-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Styrene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
tert-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Tetrachloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Toluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Trichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Vinyl Chloride	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Xylenes, Total	ND		U	0.0084	0.017	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*98.7 %*		*77-125*	*EPA 8260D*	*2/10/26 02:53*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Toluene-d8	*105 %*		*85-120*	*EPA 8260D*	*2/10/26 02:53*
Surrogate: SURR: p-Bromofluorobenzene	*104 %*		*76-130*	*EPA 8260D*	*2/10/26 02:53*

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
1,2,4,5-Tetrachlorobenzene	ND	QL-02	U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
1,2,4-Trichlorobenzene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
1,2-Dichlorobenzene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
1,3-Dichlorobenzene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
1,4-Dichlorobenzene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,3,4,6-Tetrachlorophenol	ND	QL-02	U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,4,5-Trichlorophenol	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,4,6-Trichlorophenol	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,4-Dichlorophenol	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,4-Dimethylphenol	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,4-Dinitrophenol	ND	CAL-E, CCVE	U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,4-Dinitrotoluene	ND	QL-02, CAL-E	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,6-Dinitrotoluene	ND	QL-02, CAL-E	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2-Chloronaphthalene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2-Chlorophenol	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2-Methylnaphthalene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2-Methylphenol	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2-Nitroaniline	ND	QL-02, CAL-E	U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2-Nitrophenol	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
* 3- & 4-Methylphenols	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
3,3-Dichlorobenzidine	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
3-Nitroaniline	ND	QL-02	U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4,6-Dinitro-2-methylphenol	ND	QL-02, CAL-E, CCVE	U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4-Bromophenyl phenyl ether	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4-Chloro-3-methylphenol	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4-Chloroaniline	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4-Chlorophenyl phenyl ether	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4-Nitroaniline	ND	QL-02	U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Nitrophenol	ND		U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Acenaphthene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Acenaphthylene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Acetophenone	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Aniline	ND		U	0.175	0.349	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Anthracene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Atrazine	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzaldehyde	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzidine	ND		U	0.175	0.349	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzo(a)anthracene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzo(a)pyrene	ND	QL-02, CCVE	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzo(b)fluoranthene	ND	QL-02, CCVE	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzo(g,h,i)perylene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzo(k)fluoranthene	ND	QL-02, CCVE	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzoic acid	ND	CAL-E	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzyl alcohol	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzyl butyl phthalate	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Bis(2-chloroethoxy)methane	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Bis(2-chloroethyl)ether	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Bis(2-chloroisopropyl)ether	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Bis(2-ethylhexyl)phthalate	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Caprolactam	ND		U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Carbazole	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Chrysene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Dibenzo(a,h)anthracene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Dibenzofuran	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Diethyl phthalate	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Dimethyl phthalate	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Di-n-butyl phthalate	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Di-n-octyl phthalate	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Fluoranthene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Fluorene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Hexachlorobenzene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Hexachlorobutadiene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Hexachlorocyclopentadiene	ND	QL-02, CCVE	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Hexachloroethane	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Indeno(1,2,3-cd)pyrene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Isophorone	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Naphthalene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Nitrobenzene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
N-Nitrosodimethylamine	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
N-nitroso-di-n-propylamine	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
N-Nitrosodiphenylamine	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Pentachlorophenol	ND	CAL-E	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Phenanthrene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Phenol	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Pyrene	ND	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Pyridine	ND		U	0.175	0.349	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*63.2 %*		*20-108*	*EPA 8270E*	*2/10/26 12:53*
Surrogate: SURR: Phenol-d6	*60.2 %*		*23-114*	*EPA 8270E*	*2/10/26 12:53*
Surrogate: SURR: Nitrobenzene-d5	*66.4 %*		*22-108*	*EPA 8270E*	*2/10/26 12:53*
Surrogate: SURR: 2-Fluorobiphenyl	*55.2 %*		*21-113*	*EPA 8270E*	*2/10/26 12:53*
Surrogate: SURR: 2,4,6-Tribromophenol	*63.1 %*		*19-110*	*EPA 8270E*	*2/10/26 12:53*
Surrogate: SURR: Terphenyl-d14	*50.9 %*		*24-116*	*EPA 8270E*	*2/10/26 12:53*

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0739	0.187	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0528	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.116	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.0739	0.193	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluorooctanoic acid (PFOA)	ND		U	0.0739	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.0739	0.196	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluorononanoic acid (PFNA)	ND		U	0.148	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluorodecanoic acid (PFDA)	ND		U	0.0845	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.116	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluorododecanoic acid (PFDoA)	ND		U	0.0845	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.116	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.137	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
N-MeFOSAA	ND		U	0.0845	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
N-EtFOSAA	ND		U	0.0950	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoropentanoic acid (PFPeA)	ND		U	0.0845	0.422	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0317	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.0739	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.0634	0.204	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.190	0.803	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.169	0.811	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.169	0.845	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.0634	0.376	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.412	0.422	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.0422	0.422	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.127	0.422	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0739	0.199	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.232	0.792	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
HFPO-DA (Gen-X)	ND		U	0.243	0.845	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
11CL-PF3OUdS	ND		U	0.232	0.798	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
9CL-PF3ONS	ND		U	0.285	0.790	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
ADONA	ND		U	0.275	0.798	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.158	0.205	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.148	0.203	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.338	1.06	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	0.771	5.28	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	0.993	5.28	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
N-MeFOSE	ND		U	0.771	2.11	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
N-MeFOSA	ND		U	0.137	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
N-EtFOSE	ND		U	0.486	2.11	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH
N-EtFOSA	ND		U	0.0950	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KLH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*136 %*		*40-135*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M5PFHxA	*138 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M4PFHpA	*133 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M3PFHxS	*129 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*128 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M6PFDA	*137 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M7PFUdA	*129 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*113 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M2PFTeDA	*117 %*		*20-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*124 %*		*8-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*129 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*136 %*		*35-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*132 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: d3-N-MeFOSAA	*117 %*		*40-135*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: d5-N-EtFOSAA	*111 %*		*40-150*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M2-6:2 FTS	*145 %*		*40-215*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M2-8:2 FTS	*128 %*		*40-275*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M9PFNA	*140 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M2-4:2 FTS	*154 %*		*40-165*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: d-N-MeFOSA	*107 %*		*10-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: d-N-EtFOSA	*100 %*		*10-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M3HFPO-DA	*131 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: d9-N-EtFOSE	*109 %*		*15-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: d7-N-MeFOSE	*106 %*		*20-130*	*EPA 1633A*	*2/15/26 07:16*

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
4,4'-DDE	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
4,4'-DDT [2C]	**0.00387**		D	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Aldrin	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
alpha-BHC	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
alpha-Chlordane	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
beta-BHC	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
delta-BHC	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Dieldrin [2C]	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Endosulfan I	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Endosulfan II	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Endosulfan sulfate	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Endrin	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Endrin aldehyde	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Endrin ketone	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
gamma-BHC (Lindane)	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
gamma-Chlordane	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Heptachlor	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Heptachlor epoxide	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Methoxychlor	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Toxaphene	ND		U	0.173	0.173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
* Chlordane, total	ND		U	0.0345	0.0345	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*79.6 %*		*30-150*	*EPA 8081B*	*2/ 6/26 12:41*
Surrogate: Tetrachloro-m-xylene	*86.6 %*		*30-150*	*EPA 8081B*	*2/ 6/26 12:41*

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1221	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1232	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1242	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1248	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1254	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1260	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1262	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1268	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
* Total PCBs	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*106 %*		*30-120*	*EPA 8082A*	*2/ 6/26 21:50*
Surrogate: Decachlorobiphenyl	*116 %*		*30-120*	*EPA 8082A*	*2/ 6/26 21:50*

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6220**			4.40	4.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Antimony	ND		U	2.20	2.20	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Arsenic	ND		U	1.32	1.32	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Barium	**47.4**			2.20	2.20	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Beryllium	**0.253**			0.044	0.044	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Cadmium	ND		U	0.264	0.264	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Calcium	**1730**			4.40	4.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Chromium	**15.1**			0.440	0.440	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Cobalt	**8.11**			0.352	0.352	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Copper	**18.0**			1.76	1.76	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Iron	**12700**			22.0	22.0	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Lead	**3.68**			0.440	0.440	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Magnesium	**3650**			4.40	4.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Manganese	**276**			0.440	0.440	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Nickel	**14.5**			0.877	0.877	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Potassium	**1630**			4.40	4.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Selenium	ND		U	2.20	2.20	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Silver	ND		U	0.444	0.444	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Sodium	**133**			44.0	44.0	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Thallium	ND		U	1.06	1.76	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Vanadium	**22.3**			0.877	0.877	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Zinc	**34.8**			2.19	2.19	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		U	0.00891	0.0317	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 16:30	LCB

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**94.7**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,1,1-Trichloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,1,2-Trichloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,1-Dichloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,1-Dichloroethylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2,3-Trichlorobenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2,3-Trichloropropane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2,4-Trichlorobenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2,4-Trimethylbenzene	**0.0049**			0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2-Dibromoethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2-Dichlorobenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2-Dichloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2-Dichloropropane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,3,5-Trimethylbenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,3-Dichlorobenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,4-Dichlorobenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
2-Butanone	ND	QL-02, ICVE	U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
2-Hexanone	ND	QL-02, ICVE	U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
4-Methyl-2-pentanone	ND	QL-02, ICVE	U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Acetone	ND	ICVE	U	0.0045	0.0091	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Acrolein	ND	ICVE	U	0.0045	0.0091	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Acrylonitrile	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Benzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Bromochloromethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Bromodichloromethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Bromoform	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Bromomethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Carbon disulfide	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Carbon tetrachloride	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Chlorobenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Chloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Chloroform	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Chloromethane	ND	CCVE	U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
cis-1,2-Dichloroethylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
cis-1,3-Dichloropropylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Cyclohexane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Dibromochloromethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Dibromomethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Hexachlorobutadiene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Isopropylbenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Methyl acetate	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02, ICVE	U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Methylcyclohexane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Methylene chloride	ND		U	0.0045	0.0091	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
n-Butylbenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
n-Propylbenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
o-Xylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
p- & m- Xylenes	ND		U	0.0045	0.0091	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
p-Isopropyltoluene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
sec-Butylbenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Styrene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
tert-Butyl alcohol (TBA)	ND		U	0.011	0.023	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
tert-Butylbenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Tetrachloroethylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Toluene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
trans-1,2-Dichloroethylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
trans-1,3-Dichloropropylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Trichloroethylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Trichlorofluoromethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Vinyl Chloride	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Xylenes, Total	ND		U	0.0068	0.014	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*98.8 %*		*77-125*	*EPA 8260D*	*2/10/26 03:20*
Surrogate: SURR: Toluene-d8	*105 %*		*85-120*	*EPA 8260D*	*2/10/26 03:20*
Surrogate: SURR: p-Bromofluorobenzene	*103 %*		*76-130*	*EPA 8260D*	*2/10/26 03:20*

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
1,2,4,5-Tetrachlorobenzene	ND	QL-02	U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
1,2,4-Trichlorobenzene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
1,2-Dichlorobenzene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
1,3-Dichlorobenzene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
1,4-Dichlorobenzene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,3,4,6-Tetrachlorophenol	ND	QL-02	U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,4,5-Trichlorophenol	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,4,6-Trichlorophenol	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,4-Dichlorophenol	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,4-Dimethylphenol	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,4-Dinitrophenol	ND	CAL-E, CCVE	U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,4-Dinitrotoluene	ND	CAL-E, QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,6-Dinitrotoluene	ND	CAL-E, QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2-Chloronaphthalene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2-Chlorophenol	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2-Methylnaphthalene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2-Methylphenol	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2-Nitroaniline	ND	QL-02, CAL-E	U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2-Nitrophenol	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
* 3- & 4-Methylphenols	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
3,3-Dichlorobenzidine	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
3-Nitroaniline	ND	QL-02	U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4,6-Dinitro-2-methylphenol	ND	QL-02, CAL-E, CCVE	U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4-Bromophenyl phenyl ether	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4-Chloro-3-methylphenol	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4-Chloroaniline	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4-Chlorophenyl phenyl ether	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4-Nitroaniline	ND	QL-02	U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4-Nitrophenol	ND		U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Acenaphthene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Acenaphthylene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Acetophenone	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Aniline	ND		U	0.179	0.359	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Anthracene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Atrazine	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzaldehyde	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzidine	ND		U	0.179	0.359	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzo(a)anthracene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzo(a)pyrene	ND	CCVE, QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzo(b)fluoranthene	ND	CCVE, QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzo(g,h,i)perylene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzo(k)fluoranthene	ND	CCVE, QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND	CAL-E	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzyl alcohol	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzyl butyl phthalate	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Bis(2-chloroethoxy)methane	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Bis(2-chloroethyl)ether	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Bis(2-chloroisopropyl)ether	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Bis(2-ethylhexyl)phthalate	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Caprolactam	ND		U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Carbazole	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Chrysene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Dibenzo(a,h)anthracene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Dibenzofuran	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Diethyl phthalate	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Dimethyl phthalate	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Di-n-butyl phthalate	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Di-n-octyl phthalate	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Fluoranthene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Fluorene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Hexachlorobenzene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Hexachlorobutadiene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Hexachlorocyclopentadiene	ND	QL-02, CCVE	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Hexachloroethane	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Indeno(1,2,3-cd)pyrene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Isophorone	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Naphthalene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Nitrobenzene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
N-Nitrosodimethylamine	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
N-nitroso-di-n-propylamine	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
N-Nitrosodiphenylamine	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Pentachlorophenol	ND	CAL-E	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Phenanthrene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Phenol	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Pyrene	ND	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Pyridine	ND		U	0.179	0.359	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*23.8 %*		*20-108*	*EPA 8270E*	*2/10/26 13:28*
Surrogate: SURR: Phenol-d6	*34.4 %*		*23-114*	*EPA 8270E*	*2/10/26 13:28*
Surrogate: SURR: Nitrobenzene-d5	*41.4 %*		*22-108*	*EPA 8270E*	*2/10/26 13:28*
Surrogate: SURR: 2-Fluorobiphenyl	*34.2 %*		*21-113*	*EPA 8270E*	*2/10/26 13:28*
Surrogate: SURR: 2,4,6-Tribromophenol	*22.4 %*		*19-110*	*EPA 8270E*	*2/10/26 13:28*
Surrogate: SURR: Terphenyl-d14	*31.0 %*		*24-116*	*EPA 8270E*	*2/10/26 13:28*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0762	0.193	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluorohexanoic acid (PFHxA)	**0.140**	J	J	0.0544	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.120	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.0762	0.199	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluorooctanoic acid (PFOA)	**0.107**	J	J	0.0762	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.0762	0.203	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluorononanoic acid (PFNA)	ND		U	0.152	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluorodecanoic acid (PFDA)	ND		U	0.0871	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.120	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluorododecanoic acid (PFDoA)	ND		U	0.0871	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.120	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.142	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
N-MeFOSAA	ND		U	0.0871	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
N-EtFOSAA	ND		U	0.0980	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoropentanoic acid (PFPeA)	**0.142**	J	J	0.0871	0.436	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0327	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.0762	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.0653	0.210	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.196	0.828	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.174	0.836	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.174	0.871	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.0653	0.388	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.425	0.436	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.0436	0.436	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.131	0.436	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0762	0.205	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.240	0.817	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
HFPO-DA (Gen-X)	ND		U	0.250	0.871	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
11CL-PF3OUdS	ND		U	0.240	0.823	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
9CL-PF3ONS	ND		U	0.294	0.814	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
ADONA	ND		U	0.283	0.823	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.163	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.152	0.209	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.348	1.09	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	0.795	5.44	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.02	5.44	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
N-MeFOSE	ND		U	0.795	2.18	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
N-MeFOSA	ND		U	0.142	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
N-EtFOSE	ND		U	0.501	2.18	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH
N-EtFOSA	ND		U	0.0980	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KLH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*141 %*		*40-135*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M5PFHxA	*142 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M4PFHpA	*133 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M3PFHxS	*137 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*136 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M6PFDA	*142 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M7PFUdA	*125 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*116 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M2PFTeDA	*127 %*		*20-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*122 %*		*8-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*131 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*138 %*		*35-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*131 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: d3-N-MeFOSAA	*89.3 %*		*40-135*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: d5-N-EtFOSAA	*93.2 %*		*40-150*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M2-6:2 FTS	*144 %*		*40-215*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M2-8:2 FTS	*134 %*		*40-275*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M9PFNA	*134 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M2-4:2 FTS	*153 %*		*40-165*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: d-N-MeFOSA	*113 %*		*10-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: d-N-EtFOSA	*109 %*		*10-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M3HFPO-DA	*135 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: d9-N-EtFOSE	*116 %*		*15-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: d7-N-MeFOSE	*112 %*		*20-130*	*EPA 1633A*	*2/15/26 07:30*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
4,4'-DDE	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
4,4'-DDT	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Aldrin	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
alpha-BHC	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
alpha-Chlordane	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
beta-BHC	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
delta-BHC	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Dieldrin	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Endosulfan I	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Endosulfan II	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Endosulfan sulfate	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Endrin	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Endrin aldehyde	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Endrin ketone	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
gamma-BHC (Lindane)	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
gamma-Chlordane	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Heptachlor	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Heptachlor epoxide	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Methoxychlor	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Toxaphene	ND		U	0.178	0.178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
* Chlordane, total	ND		U	0.0356	0.0356	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*118 %*		*30-150*	*EPA 8081B*	*2/ 6/26 12:57*
Surrogate: Tetrachloro-m-xylene	*115 %*		*30-150*	*EPA 8081B*	*2/ 6/26 12:57*

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1221	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1232	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1242	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1248	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1254	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1260	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1262	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1268	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
* Total PCBs	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*75.5 %*		*30-120*	*EPA 8082A*	*2/ 6/26 22:03*
Surrogate: Decachlorobiphenyl	*73.0 %*		*30-120*	*EPA 8082A*	*2/ 6/26 22:03*

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**8360**			4.54	4.54	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Antimony	ND		U	2.27	2.27	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Arsenic	**1.93**			1.36	1.36	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Barium	**53.9**			2.26	2.26	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Beryllium	**0.335**			0.046	0.046	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Cadmium	ND		U	0.272	0.272	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Calcium	**18200**			4.54	4.54	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Chromium	**21.4**			0.454	0.454	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Cobalt	**7.79**			0.363	0.363	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Copper	**20.5**			1.82	1.82	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Iron	**14100**			22.7	22.7	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Lead	**12.0**			0.454	0.454	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Magnesium	**8560**			4.54	4.54	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Manganese	**251**			0.454	0.454	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Nickel	**15.9**			0.904	0.904	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Potassium	**2270**			4.54	4.54	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Selenium	ND		U	2.27	2.27	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Silver	ND		U	0.457	0.457	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Sodium	**327**			45.4	45.4	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Thallium	ND		U	1.09	1.82	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Vanadium	**23.2**			0.904	0.904	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Zinc	**43.5**			2.26	2.26	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		U	0.00919	0.0327	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 16:30	LCB

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.8**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,1,1-Trichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,1,2-Trichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,1-Dichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,1-Dichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2,3-Trichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2,3-Trichloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2,4-Trichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2,4-Trimethylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2-Dibromoethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2-Dichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2-Dichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2-Dichloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,3,5-Trimethylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,3-Dichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,4-Dichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
2-Butanone	ND	ICVE, QL-02	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
2-Hexanone	ND	ICVE, QL-02	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
4-Methyl-2-pentanone	ND	ICVE, QL-02	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Acetone	**0.0057**	J, ICVE, B	JB	0.0051	0.010	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Acrolein	ND	ICVE	U	0.0051	0.010	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Acrylonitrile	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Benzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Bromochloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Bromodichloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Bromoform	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Bromomethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Carbon disulfide	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Carbon tetrachloride	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Chlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Chloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Chloroform	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Chloromethane	ND	CCVE	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
cis-1,2-Dichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
cis-1,3-Dichloropropylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Cyclohexane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Dibromochloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Dibromomethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Ethyl Benzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Hexachlorobutadiene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Isopropylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Methyl acetate	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Methyl tert-butyl ether (MTBE)	ND	ICVE, QL-02	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Methylcyclohexane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Methylene chloride	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
n-Butylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
n-Propylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
o-Xylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
p- & m- Xylenes	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
p-Isopropyltoluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
sec-Butylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Styrene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.026	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
tert-Butylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Tetrachloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Toluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
trans-1,2-Dichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
trans-1,3-Dichloropropylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Trichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Trichlorofluoromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Vinyl Chloride	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Xylenes, Total	ND		U	0.0077	0.015	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*98.6 %*		*77-125*	*EPA 8260D*	*2/10/26 03:47*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Toluene-d8	*105 %*		*85-120*	*EPA 8260D*	*2/10/26 03:47*
Surrogate: SURR: p-Bromofluorobenzene	*101 %*		*76-130*	*EPA 8260D*	*2/10/26 03:47*

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
1,2,4,5-Tetrachlorobenzene	ND	QL-02	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
1,2,4-Trichlorobenzene	ND		U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
1,2-Dichlorobenzene	ND		U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
1,3-Dichlorobenzene	ND		U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
1,4-Dichlorobenzene	ND		U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,3,4,6-Tetrachlorophenol	ND	QL-02	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,4,5-Trichlorophenol	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,4,6-Trichlorophenol	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,4-Dichlorophenol	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,4-Dimethylphenol	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,4-Dinitrophenol	ND	CCVE, CAL-E	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,4-Dinitrotoluene	ND	QL-02, CAL-E	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,6-Dinitrotoluene	ND	QL-02, CAL-E	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2-Chloronaphthalene	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2-Chlorophenol	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2-Methylnaphthalene	**0.985**	QL-02	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2-Methylphenol	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2-Nitroaniline	ND	QL-02, CAL-E	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2-Nitrophenol	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
* 3- & 4-Methylphenols	ND		U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
3,3-Dichlorobenzidine	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
3-Nitroaniline	ND	QL-02	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4,6-Dinitro-2-methylphenol	ND	QL-02, CAL-E, CCVE	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4-Bromophenyl phenyl ether	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4-Chloro-3-methylphenol	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4-Chloroaniline	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4-Chlorophenyl phenyl ether	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4-Nitroaniline	ND	QL-02	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Nitrophenol	ND		U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Acenaphthene	**0.110**	QL-02	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Acenaphthylene	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Acetophenone	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Aniline	ND		U	0.195	0.390	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Anthracene	**0.168**	QL-02	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Atrazine	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzaldehyde	ND		U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzidine	ND		U	0.195	0.390	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzo(a)anthracene	**0.140**	QL-02	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzo(a)pyrene	ND	QL-02, CCVE	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzo(b)fluoranthene	ND	QL-02, CCVE	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzo(g,h,i)perylene	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzo(k)fluoranthene	ND	QL-02, CCVE	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzoic acid	ND	CAL-E	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzyl alcohol	ND		U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzyl butyl phthalate	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Bis(2-chloroethoxy)methane	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Bis(2-chloroethyl)ether	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Bis(2-chloroisopropyl)ether	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Bis(2-ethylhexyl)phthalate	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Caprolactam	ND		U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Carbazole	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Chrysene	**0.255**	QL-02	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Dibenzo(a,h)anthracene	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Dibenzofuran	**0.0669**	J, QL-02	JD	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Diethyl phthalate	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Dimethyl phthalate	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Di-n-butyl phthalate	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Di-n-octyl phthalate	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Fluoranthene	**0.0794**	J, QL-02	JD	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Fluorene	**0.216**	QL-02	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Hexachlorobenzene	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Hexachlorobutadiene	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Hexachlorocyclopentadiene	ND	QL-02, CCVE	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Hexachloroethane	ND		U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Indeno(1,2,3-cd)pyrene	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Isophorone	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Naphthalene	**0.339**	QL-02	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Nitrobenzene	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
N-Nitrosodimethylamine	ND		U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
N-nitroso-di-n-propylamine	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
N-Nitrosodiphenylamine	ND	QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Pentachlorophenol	ND	CAL-E	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Phenanthrene	**0.784**	QL-02	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Phenol	ND		U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Pyrene	**0.245**	QL-02	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Pyridine	ND		U	0.195	0.390	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*24.8 %*		*20-108*	*EPA 8270E*	*2/10/26 14:07*
Surrogate: SURR: Phenol-d6	*50.6 %*		*23-114*	*EPA 8270E*	*2/10/26 14:07*
Surrogate: SURR: Nitrobenzene-d5	*5.28 %*	*S-08*	*22-108*	*EPA 8270E*	*2/10/26 14:07*
Surrogate: SURR: 2-Fluorobiphenyl	*64.7 %*		*21-113*	*EPA 8270E*	*2/10/26 14:07*
Surrogate: SURR: 2,4,6-Tribromophenol	*3.00 %*	*S-08*	*19-110*	*EPA 8270E*	*2/10/26 14:07*
Surrogate: SURR: Terphenyl-d14	*55.3 %*		*24-116*	*EPA 8270E*	*2/10/26 14:07*

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0828	0.209	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0592	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.130	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.0828	0.216	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluorooctanoic acid (PFOA)	ND		U	0.0828	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.0828	0.220	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluorononanoic acid (PFNA)	ND		U	0.166	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluorodecanoic acid (PFDA)	ND		U	0.0946	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.130	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluorododecanoic acid (PFDoA)	ND		U	0.0946	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.130	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.154	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
N-MeFOSAA	ND		U	0.0946	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
N-EtFOSAA	ND		U	0.106	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoropentanoic acid (PFPeA)	ND		U	0.0946	0.473	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0355	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.0828	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.0710	0.228	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.213	0.899	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.189	0.909	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.189	0.946	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.0710	0.421	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.461	0.473	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.0473	0.473	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.142	0.473	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0828	0.222	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.260	0.887	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
HFPO-DA (Gen-X)	ND		U	0.272	0.946	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
11CL-PF3OUdS	ND		U	0.260	0.894	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
9CL-PF3ONS	ND		U	0.319	0.885	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
ADONA	ND		U	0.308	0.894	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.177	0.230	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.166	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.379	1.18	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	0.864	5.92	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.11	5.92	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
N-MeFOSE	ND		U	0.864	2.37	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
N-MeFOSA	ND		U	0.154	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
N-EtFOSE	ND		U	0.544	2.37	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH
N-EtFOSA	ND		U	0.106	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KLH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*160 %*		*40-135*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M5PFHxA	*153 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M4PFHpA	*139 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M3PFHxS	*145 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*137 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M6PFDA	*120 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M7PFUdA	*117 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*94.4 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M2PFTeDA	*85.2 %*		*20-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*132 %*		*8-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*115 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*149 %*		*35-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*126 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: d3-N-MeFOSAA	*108 %*		*40-135*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: d5-N-EtFOSAA	*95.8 %*		*40-150*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M2-6:2 FTS	*158 %*		*40-215*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M2-8:2 FTS	*134 %*		*40-275*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M9PFNA	*143 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M2-4:2 FTS	*182 %*		*40-165*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: d-N-MeFOSA	*105 %*		*10-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: d-N-EtFOSA	*96.2 %*		*10-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M3HFPO-DA	*142 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: d9-N-EtFOSE	*85.3 %*		*15-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: d7-N-MeFOSE	*84.5 %*		*20-130*	*EPA 1633A*	*2/15/26 07:44*

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
4,4'-DDE [2C]	**0.0392**	P	DP	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
4,4'-DDT	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Aldrin	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
alpha-BHC	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
alpha-Chlordane	**4.24**		D	0.0385	0.0385	100	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 9/26 20:09	GXB
beta-BHC	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
delta-BHC	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Dieldrin	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Endosulfan I	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Endosulfan II	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Endosulfan sulfate	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Endrin	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Endrin aldehyde	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Endrin ketone	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
gamma-BHC (Lindane)	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
gamma-Chlordane	**5.49**		D	0.0385	0.0385	100	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 9/26 20:09	GXB
Heptachlor	**1.37**		D	0.0385	0.0385	100	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 9/26 20:09	GXB

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Heptachlor epoxide	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Methoxychlor	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Toxaphene	ND		U	0.193	0.193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
* Chlordane, total	**55.0**		D	0.771	0.771	100	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 9/26 20:09	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*76.6 %*		*30-150*	*EPA 8081B*	*2/ 5/26 18:59*
Surrogate: Tetrachloro-m-xylene	*67.8 %*		*30-150*	*EPA 8081B*	*2/ 5/26 18:59*

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1221	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1232	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1242	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1248	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1254	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1260	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1262	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1268	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
* Total PCBs	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*59.5 %*		*30-120*	*EPA 8082A*	*2/ 5/26 22:07*
Surrogate: Decachlorobiphenyl	*47.0 %*		*30-120*	*EPA 8082A*	*2/ 5/26 22:07*

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**15400**			4.93	4.93	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Antimony	ND		U	2.46	2.46	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Arsenic	**6.91**			1.48	1.48	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Barium	**122**			2.46	2.46	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Beryllium	**0.541**			0.050	0.050	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Cadmium	**0.296**			0.296	0.296	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Calcium	**2950**			4.93	4.93	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Chromium	**27.3**			0.493	0.493	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Cobalt	**8.98**			0.394	0.394	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Copper	**47.2**			1.97	1.97	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Iron	**18900**			24.6	24.6	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Lead	**395**			0.493	0.493	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Magnesium	**2810**			4.93	4.93	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Manganese	**383**			0.493	0.493	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Nickel	**15.4**			0.982	0.982	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Potassium	**1060**			4.93	4.93	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Selenium	ND		U	2.46	2.46	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Silver	ND		U	0.497	0.497	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Sodium	**98.6**			49.3	49.3	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Thallium	ND		U	1.18	1.98	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Vanadium	**37.1**			0.982	0.982	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Zinc	**176**			2.45	2.45	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.113**			0.00998	0.0355	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 16:31	LCB

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**84.5**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,1,1-Trichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,1,2-Trichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,1-Dichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,1-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2,3-Trichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2,3-Trichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2,4-Trichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2,4-Trimethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2-Dibromoethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2-Dichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2-Dichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,3,5-Trimethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,3-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,4-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
2-Butanone	ND	QL-02, ICVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
2-Hexanone	ND	QL-02, ICVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
4-Methyl-2-pentanone	ND	QL-02, ICVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Acetone	**0.0072**	J, ICVE, B	JB	0.0062	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Acrolein	ND	ICVE	U	0.0062	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Acrylonitrile	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Benzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Bromochloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Bromodichloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Bromoform	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Bromomethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Carbon disulfide	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Carbon tetrachloride	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Chlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Chloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Chloroform	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Chloromethane	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
cis-1,2-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
cis-1,3-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Cyclohexane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Dibromochloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Dibromomethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Hexachlorobutadiene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Isopropylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Methyl acetate	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02, ICVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Methylcyclohexane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Methylene chloride	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
n-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
n-Propylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
o-Xylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
p- & m- Xylenes	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
p-Isopropyltoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
sec-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Styrene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.031	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
tert-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Tetrachloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Toluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
trans-1,2-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
trans-1,3-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Trichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Trichlorofluoromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Vinyl Chloride	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Xylenes, Total	ND		U	0.0092	0.018	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*101 %*		*77-125*	*EPA 8260D*	*2/10/26 04:14*
Surrogate: SURR: Toluene-d8	*104 %*		*85-120*	*EPA 8260D*	*2/10/26 04:14*
Surrogate: SURR: p-Bromofluorobenzene	*103 %*		*76-130*	*EPA 8260D*	*2/10/26 04:14*

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
1,2,4,5-Tetrachlorobenzene	ND		U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
1,2,4-Trichlorobenzene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
1,2-Dichlorobenzene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
1,3-Dichlorobenzene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
1,4-Dichlorobenzene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,3,4,6-Tetrachlorophenol	ND		U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,4,5-Trichlorophenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,4,6-Trichlorophenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,4-Dichlorophenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,4-Dimethylphenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,4-Dinitrophenol	ND	CAL-E	U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,4-Dinitrotoluene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,6-Dinitrotoluene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2-Chloronaphthalene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2-Chlorophenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2-Methylnaphthalene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2-Methylphenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2-Nitroaniline	ND		U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2-Nitrophenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
* 3- & 4-Methylphenols	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
3,3-Dichlorobenzidine	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
3-Nitroaniline	ND		U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4,6-Dinitro-2-methylphenol	ND		U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4-Bromophenyl phenyl ether	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4-Chloro-3-methylphenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4-Chloroaniline	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4-Chlorophenyl phenyl ether	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4-Nitroaniline	ND		U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4-Nitrophenol	ND	CCVE	U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Acenaphthene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Acenaphthylene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Acetophenone	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Aniline	ND		U	0.181	0.362	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Anthracene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Atrazine	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzaldehyde	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzidine	ND		U	0.181	0.362	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzo(a)anthracene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzo(a)pyrene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzo(b)fluoranthene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzo(g,h,i)perylene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzo(k)fluoranthene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzoic acid	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzyl alcohol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzyl butyl phthalate	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Bis(2-chloroethoxy)methane	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Bis(2-chloroethyl)ether	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Bis(2-ethylhexyl)phthalate	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Caprolactam	ND	ICVE, CCVE	U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Carbazole	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Chrysene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Dibenzo(a,h)anthracene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Dibenzofuran	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Diethyl phthalate	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Dimethyl phthalate	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Di-n-butyl phthalate	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Di-n-octyl phthalate	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Fluoranthene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Fluorene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Hexachlorobenzene	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Hexachlorobutadiene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Hexachlorocyclopentadiene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Hexachloroethane	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Indeno(1,2,3-cd)pyrene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Isophorone	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Naphthalene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Nitrobenzene	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
N-Nitrosodimethylamine	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
N-nitroso-di-n-propylamine	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
N-Nitrosodiphenylamine	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Pentachlorophenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Phenanthrene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Phenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Pyrene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Pyridine	ND		U	0.181	0.362	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*48.9 %*		*20-108*	*EPA 8270E*	*2/ 7/26 21:09*
Surrogate: SURR: Phenol-d6	*46.2 %*		*23-114*	*EPA 8270E*	*2/ 7/26 21:09*
Surrogate: SURR: Nitrobenzene-d5	*45.8 %*		*22-108*	*EPA 8270E*	*2/ 7/26 21:09*
Surrogate: SURR: 2-Fluorobiphenyl	*49.0 %*		*21-113*	*EPA 8270E*	*2/ 7/26 21:09*
Surrogate: SURR: 2,4,6-Tribromophenol	*50.6 %*		*19-110*	*EPA 8270E*	*2/ 7/26 21:09*
Surrogate: SURR: Terphenyl-d14	*51.0 %*		*24-116*	*EPA 8270E*	*2/ 7/26 21:09*

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0760	0.192	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorohexanoic acid (PFHxA)	ND		U	0.0543	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.119	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.0760	0.199	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluorooctanoic acid (PFOA)	ND		U	0.0760	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.0760	0.202	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluorononanoic acid (PFNA)	ND		U	0.152	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluorodecanoic acid (PFDA)	ND		U	0.0869	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.119	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluorododecanoic acid (PFDoA)	ND		U	0.0869	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.119	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.141	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
N-MeFOSAA	ND		U	0.0869	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
N-EtFOSAA	ND		U	0.0978	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluoropentanoic acid (PFPeA)	ND		U	0.0869	0.434	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0326	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.0760	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.0652	0.210	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.196	0.826	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.174	0.834	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.174	0.869	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.0652	0.387	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.424	0.434	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.0434	0.434	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.130	0.434	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0760	0.204	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.239	0.815	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
HFPO-DA (Gen-X)	ND		U	0.250	0.869	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
11CL-PF3OUdS	ND		U	0.239	0.821	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
9CL-PF3ONS	ND		U	0.293	0.812	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
ADONA	ND		U	0.282	0.821	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.163	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.152	0.209	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.348	1.09	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	0.793	5.43	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.02	5.43	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
N-MeFOSE	ND		U	0.793	2.17	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
N-MeFOSA	ND		U	0.141	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
N-EtFOSE	**0.500**	J	J	0.500	2.17	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH
N-EtFOSA	ND		U	0.0978	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KLH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*161 %*		*40-135*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M5PFHxA	*163 %*	*PFSu-H*	*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M4PFHpA	*150 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M3PFHxS	*151 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*156 %*	*PFSu-H*	*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M6PFDA	*149 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M7PFUdA	*145 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*127 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M2PFTeDA	*137 %*		*20-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*137 %*		*8-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*144 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*160 %*	*PFSu-H*	*35-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*149 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: d3-N-MeFOSAA	*131 %*		*40-135*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: d5-N-EtFOSAA	*122 %*		*40-150*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M2-6:2 FTS	*167 %*		*40-215*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M2-8:2 FTS	*153 %*		*40-275*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M9PFNA	*155 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M2-4:2 FTS	*188 %*		*40-165*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: d-N-MeFOSA	*139 %*		*10-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: d-N-EtFOSA	*138 %*		*10-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M3HFPO-DA	*144 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: d9-N-EtFOSE	*139 %*		*15-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: d7-N-MeFOSE	*133 %*		*20-130*	*EPA 1633A*	*2/15/26 07:58*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
4,4'-DDE	**0.00206**		D	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
4,4'-DDT	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Aldrin	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
alpha-BHC	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
alpha-Chlordane [2C]	**0.0889**		D	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
beta-BHC	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
delta-BHC	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Dieldrin	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Endosulfan I	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Endosulfan II	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Endosulfan sulfate	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Endrin	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Endrin aldehyde	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Endrin ketone	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
gamma-BHC (Lindane)	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
gamma-Chlordane [2C]	**0.0981**		D	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Heptachlor	**0.0274**		D	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Heptachlor epoxide	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Methoxychlor	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Toxaphene	ND		U	0.178	0.178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
* Chlordane, total [2C]	**0.802**		D	0.0356	0.0356	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*48.1 %*		*30-150*	*EPA 8081B*	*2/ 5/26 19:15*
Surrogate: Tetrachloro-m-xylene	*50.5 %*		*30-150*	*EPA 8081B*	*2/ 5/26 19:15*

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1221	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1232	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1242	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1248	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1254	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1260	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1262	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1268	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
* Total PCBs	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*41.0 %*		*30-120*	*EPA 8082A*	*2/ 5/26 22:21*
Surrogate: Decachlorobiphenyl	*30.0 %*		*30-120*	*EPA 8082A*	*2/ 5/26 22:21*

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**10800**			4.53	4.53	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Antimony	ND		U	2.26	2.26	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Arsenic	ND		U	1.36	1.36	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Barium	**75.9**			2.26	2.26	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Beryllium	**0.339**			0.046	0.046	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Cadmium	ND		U	0.272	0.272	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Calcium	**1740**			4.53	4.53	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Chromium	**28.5**			0.453	0.453	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Cobalt	**9.78**			0.362	0.362	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Copper	**24.3**			1.81	1.81	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Iron	**19000**			22.6	22.6	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Lead	**3.77**			0.453	0.453	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Magnesium	**5880**			4.53	4.53	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Manganese	**423**			0.453	0.453	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Nickel	**21.2**			0.902	0.902	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Potassium	**3110**			4.53	4.53	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Selenium	ND		U	2.26	2.26	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Silver	ND		U	0.456	0.456	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Sodium	**91.6**			45.3	45.3	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Thallium	ND		U	1.09	1.81	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Vanadium	**32.8**			0.902	0.902	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Zinc	**81.4**			2.25	2.25	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		U	0.00917	0.0326	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 16:31	LCB

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**92.1**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,1,1-Trichloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,1,2-Trichloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,1-Dichloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,1-Dichloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2,3-Trichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2,3-Trichloropropane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2,4-Trichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2,4-Trimethylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2-Dibromoethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2-Dichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2-Dichloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2-Dichloropropane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,3,5-Trimethylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,3-Dichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,4-Dichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
2-Butanone	ND	ICVE, QL-02	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
2-Hexanone	ND	ICVE, QL-02	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
4-Methyl-2-pentanone	ND	ICVE, QL-02	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Acetone	ND	ICVE	U	0.0061	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Acrolein	ND	ICVE	U	0.0061	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Acrylonitrile	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Benzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Bromochloromethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Bromodichloromethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Bromoform	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Bromomethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Carbon disulfide	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Carbon tetrachloride	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Chlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Chloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Chloroform	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Chloromethane	ND	CCVE	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
cis-1,2-Dichloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
cis-1,3-Dichloropropylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Cyclohexane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Dibromochloromethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Dibromomethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Ethyl Benzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Hexachlorobutadiene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Isopropylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Methyl acetate	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Methyl tert-butyl ether (MTBE)	ND	ICVE, QL-02	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Methylcyclohexane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Methylene chloride	ND		U	0.0061	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
n-Butylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
n-Propylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
o-Xylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
p- & m- Xylenes	ND		U	0.0061	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
p-Isopropyltoluene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
sec-Butylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Styrene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.030	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
tert-Butylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Tetrachloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Toluene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
trans-1,2-Dichloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
trans-1,3-Dichloropropylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Trichloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Trichlorofluoromethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Vinyl Chloride	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Xylenes, Total	ND		U	0.0091	0.018	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*99.9 %*		*77-125*	*EPA 8260D*	*2/10/26 04:41*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Toluene-d8	*105 %*		*85-120*	*EPA 8260D*	*2/10/26 04:41*
Surrogate: SURR: p-Bromofluorobenzene	*104 %*		*76-130*	*EPA 8260D*	*2/10/26 04:41*

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
1,2,4,5-Tetrachlorobenzene	ND		U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
1,2,4-Trichlorobenzene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
1,2-Dichlorobenzene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
1,3-Dichlorobenzene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
1,4-Dichlorobenzene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,3,4,6-Tetrachlorophenol	ND		U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,4,5-Trichlorophenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,4,6-Trichlorophenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,4-Dichlorophenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,4-Dimethylphenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,4-Dinitrophenol	ND	CAL-E	U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,4-Dinitrotoluene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,6-Dinitrotoluene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2-Chloronaphthalene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2-Chlorophenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2-Methylnaphthalene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2-Methylphenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2-Nitroaniline	ND		U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2-Nitrophenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
* 3- & 4-Methylphenols	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
3,3-Dichlorobenzidine	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
3-Nitroaniline	ND		U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4,6-Dinitro-2-methylphenol	ND		U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4-Bromophenyl phenyl ether	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4-Chloro-3-methylphenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4-Chloroaniline	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4-Chlorophenyl phenyl ether	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4-Nitroaniline	ND		U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4-Nitrophenol	ND	CCVE	U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Acenaphthene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Acenaphthylene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Acetophenone	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Aniline	ND		U	0.178	0.356	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Anthracene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Atrazine	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzaldehyde	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzidine	ND		U	0.178	0.356	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzo(a)anthracene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzo(a)pyrene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzo(b)fluoranthene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzo(g,h,i)perylene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzo(k)fluoranthene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzoic acid	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzyl alcohol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzyl butyl phthalate	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Bis(2-chloroethoxy)methane	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Bis(2-chloroethyl)ether	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Bis(2-ethylhexyl)phthalate	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Caprolactam	ND	ICVE, CCVE	U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Carbazole	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Chrysene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Dibenzo(a,h)anthracene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Dibenzofuran	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Diethyl phthalate	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Dimethyl phthalate	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Di-n-butyl phthalate	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Di-n-octyl phthalate	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Fluoranthene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Fluorene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Hexachlorobenzene	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Hexachlorobutadiene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Hexachlorocyclopentadiene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Hexachloroethane	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Indeno(1,2,3-cd)pyrene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Isophorone	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Naphthalene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Nitrobenzene	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
N-Nitrosodimethylamine	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
N-nitroso-di-n-propylamine	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
N-Nitrosodiphenylamine	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Pentachlorophenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Phenanthrene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Phenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Pyrene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Pyridine	ND		U	0.178	0.356	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*55.2 %*		*20-108*	*EPA 8270E*	*2/ 7/26 21:42*
Surrogate: SURR: Phenol-d6	*52.6 %*		*23-114*	*EPA 8270E*	*2/ 7/26 21:42*
Surrogate: SURR: Nitrobenzene-d5	*51.9 %*		*22-108*	*EPA 8270E*	*2/ 7/26 21:42*
Surrogate: SURR: 2-Fluorobiphenyl	*53.9 %*		*21-113*	*EPA 8270E*	*2/ 7/26 21:42*
Surrogate: SURR: 2,4,6-Tribromophenol	*55.9 %*		*19-110*	*EPA 8270E*	*2/ 7/26 21:42*
Surrogate: SURR: Terphenyl-d14	*57.8 %*		*24-116*	*EPA 8270E*	*2/ 7/26 21:42*

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0750	0.190	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0536	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.118	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.0750	0.196	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluorooctanoic acid (PFOA)	**0.141**	J	J	0.0750	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluorooctanesulfonic acid (PFOS)	**0.0934**	J	J	0.0750	0.199	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluorononanoic acid (PFNA)	ND		U	0.150	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluorodecanoic acid (PFDA)	ND		U	0.0857	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.118	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluorododecanoic acid (PFDoA)	ND		U	0.0857	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.118	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.139	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
N-MeFOSAA	ND		U	0.0857	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
N-EtFOSAA	ND		U	0.0964	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluoropentanoic acid (PFPeA)	ND		U	0.0857	0.429	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0321	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.0750	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.0643	0.207	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.193	0.814	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.171	0.823	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.171	0.857	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.0643	0.381	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.418	0.429	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.0429	0.429	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.129	0.429	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0750	0.201	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.236	0.804	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
HFPO-DA (Gen-X)	ND		U	0.246	0.857	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
11CL-PF3OUdS	ND		U	0.236	0.810	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
9CL-PF3ONS	ND		U	0.289	0.801	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
ADONA	ND		U	0.279	0.810	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.161	0.208	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.150	0.206	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.343	1.07	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	0.782	5.36	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.01	5.36	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
N-MeFOSE	ND		U	0.782	2.14	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
N-MeFOSA	ND		U	0.139	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
N-EtFOSE	ND		U	0.493	2.14	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH
N-EtFOSA	ND		U	0.0964	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KLH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*164 %*	*PFSu-H*	*40-135*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M5PFHxA	*154 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M4PFHpA	*158 %*	*PFSu-H*	*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M3PFHxS	*153 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*148 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M6PFDA	*144 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M7PFUdA	*145 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*121 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M2PFTeDA	*118 %*		*20-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*135 %*		*8-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*136 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*155 %*		*35-130*	*EPA 1633A*	*2/15/26 09:09*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*144 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: d3-N-MeFOSAA	*136 %*		*40-135*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: d5-N-EtFOSAA	*127 %*		*40-150*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M2-6:2 FTS	*180 %*		*40-215*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M2-8:2 FTS	*158 %*		*40-275*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M9PFNA	*153 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M2-4:2 FTS	*202 %*	*PFSu-H*	*40-165*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: d-N-MeFOSA	*141 %*		*10-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: d-N-EtFOSA	*138 %*		*10-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M3HFPO-DA	*152 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: d9-N-EtFOSE	*133 %*		*15-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: d7-N-MeFOSE	*127 %*		*20-130*	*EPA 1633A*	*2/15/26 09:09*

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
4,4'-DDE	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
4,4'-DDT	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Aldrin	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
alpha-BHC	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
alpha-Chlordane	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
beta-BHC	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
delta-BHC	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Dieldrin	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Endosulfan I	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Endosulfan II	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Endosulfan sulfate	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Endrin	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Endrin aldehyde	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Endrin ketone	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
gamma-BHC (Lindane)	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
gamma-Chlordane [2C]	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Heptachlor	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Heptachlor epoxide	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Methoxychlor	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Toxaphene	ND		U	0.176	0.176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
* Chlordane, total	ND		U	0.0351	0.0351	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*37.6 %*		*30-150*	*EPA 8081B*	*2/ 8/26 14:56*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*38.3 %*		*30-150*	*EPA 8081B*	*2/ 8/26 14:56*

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1221	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1232	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1242	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1248	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1254	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1260	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1262	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1268	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
* Total PCBs	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*38.0 %*		*30-120*	*EPA 8082A*	*2/ 8/26 14:49*
Surrogate: Decachlorobiphenyl	*33.5 %*		*30-120*	*EPA 8082A*	*2/ 8/26 14:49*

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**5160**			4.39	4.39	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Antimony	ND		U	2.20	2.20	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Arsenic	ND		U	1.32	1.32	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Barium	**23.8**			2.19	2.19	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Beryllium	**0.220**			0.044	0.044	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Cadmium	ND		U	0.263	0.263	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Calcium	**2270**			4.39	4.39	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Chromium	**10.2**			0.439	0.439	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Cobalt	**5.24**			0.351	0.351	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Copper	**14.0**			1.76	1.76	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Iron	**9510**			22.0	22.0	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Lead	**2.53**			0.439	0.439	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Magnesium	**3500**			4.39	4.39	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Manganese	**230**			0.439	0.439	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Nickel	**11.1**			0.875	0.875	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Potassium	**921**			4.39	4.39	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Selenium	ND		U	2.20	2.20	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Silver	ND		U	0.443	0.443	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Sodium	**193**			43.9	43.9	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Thallium	ND		U	1.05	1.76	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Vanadium	**15.7**			0.875	0.875	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Zinc	**28.3**			2.19	2.19	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		U	0.00904	0.0321	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 16:32	LCB

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**93.3**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,1,1-Trichloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,1,2-Trichloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Dichloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,1-Dichloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2,3-Trichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2,3-Trichloropropane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2,4-Trichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2,4-Trimethylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2-Dibromoethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2-Dichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2-Dichloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2-Dichloropropane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,3,5-Trimethylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,3-Dichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,4-Dichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
2-Butanone	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
2-Hexanone	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
4-Methyl-2-pentanone	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Acetone	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Acrolein	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Acrylonitrile	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Benzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Bromochloromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Bromodichloromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Bromoform	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Bromomethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Carbon disulfide	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Carbon tetrachloride	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Chlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Chloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Chloroform	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Chloromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
cis-1,2-Dichloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
cis-1,3-Dichloropropylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Cyclohexane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Dibromochloromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Dibromomethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Dichlorodifluoromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Ethyl Benzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Hexachlorobutadiene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Isopropylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Methyl acetate	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Methylcyclohexane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Methylene chloride	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
n-Butylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
n-Propylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
o-Xylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
p- & m- Xylenes	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
p-Isopropyltoluene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
sec-Butylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Styrene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
tert-Butyl alcohol (TBA)	ND		U	0.012	0.024	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
tert-Butylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Tetrachloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Toluene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
trans-1,2-Dichloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
trans-1,3-Dichloropropylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Trichloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Trichlorofluoromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Vinyl Chloride	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Xylenes, Total	ND		U	0.0072	0.014	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*134 %*	*S-HI*	*77-125*	*EPA 8260D*	*2/10/26 00:26*
Surrogate: SURR: Toluene-d8	*87.8 %*		*85-120*	*EPA 8260D*	*2/10/26 00:26*
Surrogate: SURR: p-Bromofluorobenzene	*97.1 %*		*76-130*	*EPA 8260D*	*2/10/26 00:26*

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
1,2,4,5-Tetrachlorobenzene	ND		U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
1,2,4-Trichlorobenzene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
1,2-Dichlorobenzene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
1,3-Dichlorobenzene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
1,4-Dichlorobenzene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,3,4,6-Tetrachlorophenol	ND		U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,4,5-Trichlorophenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,4,6-Trichlorophenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,4-Dichlorophenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,4-Dimethylphenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,4-Dinitrophenol	ND	CAL-E	U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,4-Dinitrotoluene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,6-Dinitrotoluene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2-Chloronaphthalene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorophenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2-Methylnaphthalene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2-Methylphenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2-Nitroaniline	ND		U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2-Nitrophenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
* 3- & 4-Methylphenols	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
3,3-Dichlorobenzidine	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
3-Nitroaniline	ND		U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4,6-Dinitro-2-methylphenol	ND		U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4-Bromophenyl phenyl ether	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4-Chloro-3-methylphenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4-Chloroaniline	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4-Chlorophenyl phenyl ether	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4-Nitroaniline	ND		U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4-Nitrophenol	ND	CCVE	U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Acenaphthene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Acenaphthylene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Acetophenone	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Aniline	ND		U	0.188	0.376	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Anthracene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Atrazine	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzaldehyde	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzidine	ND		U	0.188	0.376	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzo(a)anthracene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzo(a)pyrene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzo(b)fluoranthene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzo(g,h,i)perylene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzo(k)fluoranthene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzoic acid	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzyl alcohol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzyl butyl phthalate	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Bis(2-chloroethoxy)methane	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Bis(2-chloroethyl)ether	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Bis(2-ethylhexyl)phthalate	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Caprolactam	ND	CCVE, ICVE	U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Carbazole	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Chrysene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Dibenzo(a,h)anthracene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Dibenzofuran	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Diethyl phthalate	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Dimethyl phthalate	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Di-n-butyl phthalate	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Di-n-octyl phthalate	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Fluoranthene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Fluorene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Hexachlorobenzene	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Hexachlorobutadiene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Hexachlorocyclopentadiene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Hexachloroethane	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Indeno(1,2,3-cd)pyrene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Isophorone	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Naphthalene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Nitrobenzene	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
N-Nitrosodimethylamine	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
N-nitroso-di-n-propylamine	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
N-Nitrosodiphenylamine	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Pentachlorophenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Phenanthrene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Phenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Pyrene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Pyridine	ND		U	0.188	0.376	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*57.0 %*		*20-108*	*EPA 8270E*	*2/ 7/26 22:14*
Surrogate: SURR: Phenol-d6	*55.1 %*		*23-114*	*EPA 8270E*	*2/ 7/26 22:14*
Surrogate: SURR: Nitrobenzene-d5	*54.7 %*		*22-108*	*EPA 8270E*	*2/ 7/26 22:14*
Surrogate: SURR: 2-Fluorobiphenyl	*55.7 %*		*21-113*	*EPA 8270E*	*2/ 7/26 22:14*
Surrogate: SURR: 2,4,6-Tribromophenol	*56.3 %*		*19-110*	*EPA 8270E*	*2/ 7/26 22:14*
Surrogate: SURR: Terphenyl-d14	*61.1 %*		*24-116*	*EPA 8270E*	*2/ 7/26 22:14*

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0794	0.201	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0567	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.125	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.0794	0.207	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluorooctanoic acid (PFOA)	**0.308**			0.0794	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.0794	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluorononanoic acid (PFNA)	ND		U	0.159	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluorodecanoic acid (PFDA)	ND		U	0.0907	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.125	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorododecanoic acid (PFDoA)	ND		U	0.0907	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.125	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.147	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
N-MeFOSAA	ND		U	0.0907	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
N-EtFOSAA	ND		U	0.102	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoropentanoic acid (PFPeA)	ND		U	0.0907	0.454	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0340	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.0794	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.0680	0.219	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.204	0.862	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.181	0.871	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.181	0.907	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.0680	0.404	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.442	0.454	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.0454	0.454	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.136	0.454	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0794	0.213	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.249	0.850	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
HFPO-DA (Gen-X)	ND		U	0.261	0.907	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
11CL-PF3OUdS	ND		U	0.249	0.857	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
9CL-PF3ONS	ND		U	0.306	0.848	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
ADONA	ND		U	0.295	0.857	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.170	0.220	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.159	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.363	1.13	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	0.828	5.67	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.07	5.67	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
N-MeFOSE	ND		U	0.828	2.27	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
N-MeFOSA	ND		U	0.147	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH
N-EtFOSE	ND		U	0.522	2.27	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
N-EtFOSA	ND		U	0.102	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KLH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*136 %*		*40-135*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M5PFHxA	*124 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M4PFHpA	*118 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M3PFHxS	*126 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*123 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M6PFDA	*115 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M7PFUdA	*120 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*107 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M2PFTeDA	*99.7 %*		*20-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*115 %*		*8-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*119 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*122 %*		*35-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*114 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: d3-N-MeFOSAA	*89.0 %*		*40-135*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: d5-N-EtFOSAA	*91.2 %*		*40-150*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M2-6:2 FTS	*144 %*		*40-215*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M2-8:2 FTS	*128 %*		*40-275*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M9PFNA	*124 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M2-4:2 FTS	*151 %*		*40-165*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: d-N-MeFOSA	*111 %*		*10-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: d-N-EtFOSA	*120 %*		*10-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M3HFPO-DA	*119 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: d9-N-EtFOSE	*113 %*		*15-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: d7-N-MeFOSE	*107 %*		*20-130*	*EPA 1633A*	*2/15/26 09:24*

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
4,4'-DDE	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
4,4'-DDT	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Aldrin	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
alpha-BHC	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
alpha-Chlordane	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
beta-BHC	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
delta-BHC	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Dieldrin	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Endosulfan I	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Endosulfan II	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Endosulfan sulfate	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Endrin	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Endrin aldehyde	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Endrin ketone	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
gamma-BHC (Lindane)	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
gamma-Chlordane	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Heptachlor	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Heptachlor epoxide	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Methoxychlor	ND		U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Toxaphene	ND		U	0.186	0.186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
* Chlordane, total	ND		U	0.0372	0.0372	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*9.72 %*	*S-08, S-GC*	*30-150*	*EPA 8081B*	*2/ 5/26 19:46*
Surrogate: Tetrachloro-m-xylene	*39.5 %*		*30-150*	*EPA 8081B*	*2/ 5/26 19:46*

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1221	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1232	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1242	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1248	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1254	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1260	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1262	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1268	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
* Total PCBs	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*34.5 %*		*30-120*	*EPA 8082A*	*2/ 5/26 22:48*
Surrogate: Decachlorobiphenyl	*6.50 %*	*S-08, S-GC*	*30-120*	*EPA 8082A*	*2/ 5/26 22:48*

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**12000**			4.80	4.80	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Antimony	ND		U	2.40	2.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Arsenic	**2.59**			1.44	1.44	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Barium	**60.4**			2.40	2.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Beryllium	**0.384**			0.048	0.048	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Cadmium	ND		U	0.288	0.288	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Calcium	**1400**			4.80	4.80	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Chromium	**21.4**			0.481	0.481	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Cobalt	**5.50**			0.384	0.384	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Copper	**32.3**			1.92	1.92	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Iron	**14700**			24.0	24.0	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Lead	**22.1**			0.481	0.481	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Magnesium	**2900**			4.81	4.81	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Manganese	**231**			0.481	0.481	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Nickel	**13.2**			0.957	0.957	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Potassium	**831**			4.81	4.81	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Selenium	ND		U	2.40	2.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Silver	ND		U	0.484	0.484	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Sodium	**78.7**			48.0	48.0	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Thallium	ND		U	1.15	1.93	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Vanadium	**26.7**			0.957	0.957	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Zinc	**39.8**			2.39	2.39	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.0641**			0.00957	0.0340	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 16:32	LCB

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.2**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2,3-Trichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2,4-Trichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2-Dibromoethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2-Dichloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
2-Butanone	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
2-Hexanone	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
4-Methyl-2-pentanone	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Acetone	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Acrolein	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Acrylonitrile	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Benzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Bromochloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Bromodichloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Bromoform	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Bromomethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Carbon disulfide	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Carbon tetrachloride	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Chlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Chloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Chloroform	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Chloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
cis-1,3-Dichloropropylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Cyclohexane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Dibromochloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Dibromomethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Dichlorodifluoromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Ethyl Benzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Hexachlorobutadiene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Isopropylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Methyl acetate	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Methylcyclohexane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Methylene chloride	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
n-Butylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
n-Propylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
o-Xylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
p- & m- Xylenes	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
p-Isopropyltoluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
sec-Butylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Styrene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
tert-Butylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Tetrachloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Toluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Trichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Vinyl Chloride	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Xylenes, Total	ND		U	0.0085	0.017	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*128 %*	*S-HI*	*77-125*	*EPA 8260D*	*2/10/26 00:53*
Surrogate: SURR: Toluene-d8	*88.6 %*		*85-120*	*EPA 8260D*	*2/10/26 00:53*
Surrogate: SURR: p-Bromofluorobenzene	*98.9 %*		*76-130*	*EPA 8260D*	*2/10/26 00:53*

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
1,2,4,5-Tetrachlorobenzene	ND		U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
1,2,4-Trichlorobenzene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
1,2-Dichlorobenzene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
1,3-Dichlorobenzene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
1,4-Dichlorobenzene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,3,4,6-Tetrachlorophenol	ND		U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,4,5-Trichlorophenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,4,6-Trichlorophenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4-Dichlorophenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,4-Dimethylphenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,4-Dinitrophenol	ND	CAL-E	U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,4-Dinitrotoluene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,6-Dinitrotoluene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2-Chloronaphthalene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2-Chlorophenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2-Methylnaphthalene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2-Methylphenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2-Nitroaniline	ND		U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2-Nitrophenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
* 3- & 4-Methylphenols	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
3,3-Dichlorobenzidine	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
3-Nitroaniline	ND		U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4,6-Dinitro-2-methylphenol	ND		U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4-Bromophenyl phenyl ether	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4-Chloro-3-methylphenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4-Chloroaniline	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4-Chlorophenyl phenyl ether	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4-Nitroaniline	ND		U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4-Nitrophenol	ND	CCVE	U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Acenaphthene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Acenaphthylene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Acetophenone	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Aniline	ND		U	0.188	0.376	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Anthracene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Atrazine	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzaldehyde	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzidine	ND		U	0.188	0.376	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzo(a)anthracene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzo(a)pyrene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzo(b)fluoranthene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzo(g,h,i)perylene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzo(k)fluoranthene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzoic acid	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzyl alcohol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzyl butyl phthalate	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Bis(2-chloroethoxy)methane	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Bis(2-chloroethyl)ether	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Bis(2-ethylhexyl)phthalate	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Caprolactam	ND	CCVE, ICVE	U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Carbazole	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Chrysene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Dibenzo(a,h)anthracene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Dibenzofuran	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Diethyl phthalate	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Dimethyl phthalate	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Di-n-butyl phthalate	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Di-n-octyl phthalate	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Fluoranthene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Fluorene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Hexachlorobenzene	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Hexachlorobutadiene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Hexachlorocyclopentadiene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Hexachloroethane	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Indeno(1,2,3-cd)pyrene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Isophorone	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Naphthalene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Nitrobenzene	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
N-Nitrosodimethylamine	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
N-nitroso-di-n-propylamine	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
N-Nitrosodiphenylamine	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Pentachlorophenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Phenanthrene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Phenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Pyrene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Pyridine	ND		U	0.188	0.376	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*59.4 %*		*20-108*	*EPA 8270E*	*2/ 7/26 22:47*
Surrogate: SURR: Phenol-d6	*56.2 %*		*23-114*	*EPA 8270E*	*2/ 7/26 22:47*
Surrogate: SURR: Nitrobenzene-d5	*55.8 %*		*22-108*	*EPA 8270E*	*2/ 7/26 22:47*
Surrogate: SURR: 2-Fluorobiphenyl	*55.7 %*		*21-113*	*EPA 8270E*	*2/ 7/26 22:47*
Surrogate: SURR: 2,4,6-Tribromophenol	*56.8 %*		*19-110*	*EPA 8270E*	*2/ 7/26 22:47*
Surrogate: SURR: Terphenyl-d14	*59.5 %*		*24-116*	*EPA 8270E*	*2/ 7/26 22:47*

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0793	0.200	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0566	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.125	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.0793	0.207	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorooctanoic acid (PFOA)	ND		U	0.0793	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.0793	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluorononanoic acid (PFNA)	ND		U	0.159	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluorodecanoic acid (PFDA)	ND		U	0.0906	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.125	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluorododecanoic acid (PFDoA)	ND		U	0.0906	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.125	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.147	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
N-MeFOSAA	ND		U	0.0906	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
N-EtFOSAA	ND		U	0.102	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoropentanoic acid (PFPeA)	ND		U	0.0906	0.453	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0340	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.0793	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.0680	0.219	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.204	0.861	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.181	0.870	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.181	0.906	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.0680	0.403	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.442	0.453	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.0453	0.453	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.136	0.453	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0793	0.213	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.249	0.849	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
HFPO-DA (Gen-X)	ND		U	0.260	0.906	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
11CL-PF3OUdS	ND		U	0.249	0.856	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
9CL-PF3ONS	ND		U	0.306	0.847	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
ADONA	ND		U	0.294	0.856	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.170	0.220	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.159	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.362	1.13	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	0.827	5.66	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.06	5.66	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
N-MeFOSE	ND		U	0.827	2.27	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
N-MeFOSA	ND		U	0.147	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
N-EtFOSE	ND		U	0.521	2.27	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH
N-EtFOSA	ND		U	0.102	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KLH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*138 %*		*40-135*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M5PFHxA	*129 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M4PFHpA	*135 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M3PFHxS	*129 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*127 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M6PFDA	*123 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M7PFUdA	*121 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*107 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M2PFTeDA	*105 %*		*20-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*120 %*		*8-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*120 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*128 %*		*35-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*118 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: d3-N-MeFOSAA	*114 %*		*40-135*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: d5-N-EtFOSAA	*102 %*		*40-150*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M2-6:2 FTS	*156 %*		*40-215*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M2-8:2 FTS	*127 %*		*40-275*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M9PFNA	*125 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M2-4:2 FTS	*169 %*		*40-165*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: d-N-MeFOSA	*112 %*		*10-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: d-N-EtFOSA	*122 %*		*10-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M3HFPO-DA	*117 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: d9-N-EtFOSE	*113 %*		*15-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: d7-N-MeFOSE	*108 %*		*20-130*	*EPA 1633A*	*2/15/26 09:38*

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
4,4'-DDE	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
4,4'-DDT	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Aldrin	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
alpha-BHC	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
alpha-Chlordane	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
beta-BHC	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
delta-BHC	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Dieldrin	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Endosulfan I	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Endosulfan II	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Endosulfan sulfate	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Endrin	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Endrin aldehyde	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Endrin ketone	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
gamma-BHC (Lindane)	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
gamma-Chlordane	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Heptachlor	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Heptachlor epoxide	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Methoxychlor	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Toxaphene	ND		U	0.182	0.182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
* Chlordane, total	ND		U	0.0364	0.0364	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*46.2 %*		*30-150*	*EPA 8081B*	*2/ 5/26 20:01*
Surrogate: Tetrachloro-m-xylene	*51.3 %*		*30-150*	*EPA 8081B*	*2/ 5/26 20:01*

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1221	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1232	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1242	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1248	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1254	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1260	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1262	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1268	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
* Total PCBs	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*43.5 %*		*30-120*	*EPA 8082A*	*2/ 5/26 23:02*
Surrogate: Decachlorobiphenyl	*35.5 %*		*30-120*	*EPA 8082A*	*2/ 5/26 23:02*

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**10800**			4.72	4.72	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Antimony	ND		U	2.36	2.36	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Arsenic	ND		U	1.42	1.42	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Barium	**51.0**			2.36	2.36	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Beryllium	**0.420**			0.048	0.048	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Cadmium	ND		U	0.283	0.283	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Calcium	**973**			4.72	4.72	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Chromium	**23.0**			0.472	0.472	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Cobalt	**10.1**			0.377	0.377	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Copper	**20.2**			1.89	1.89	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Iron	**15300**			23.6	23.6	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Lead	**5.57**			0.472	0.472	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Magnesium	**5100**			4.72	4.72	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Manganese	**410**			0.472	0.472	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Nickel	**17.6**			0.940	0.940	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Potassium	**1930**			4.72	4.72	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Selenium	ND		U	2.36	2.36	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Silver	ND		U	0.476	0.476	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Sodium	**84.2**			47.2	47.2	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Thallium	ND		U	1.13	1.89	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Vanadium	**26.9**			0.940	0.940	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Zinc	**71.9**			2.35	2.35	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		J	0.00956	0.0340	1	mg/kg dry	EPA 7473	2/9/26 8:29	2/ 9/26 10:42	LCB

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.3**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,1,1-Trichloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,1,2-Trichloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,1-Dichloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,1-Dichloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2,3-Trichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2,3-Trichloropropane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2,4-Trichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2,4-Trimethylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2-Dibromoethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2-Dichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2-Dichloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2-Dichloropropane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,3,5-Trimethylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,3-Dichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,4-Dichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
2-Butanone	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
2-Hexanone	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
4-Methyl-2-pentanone	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Acetone	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Acrolein	ND	ICVE	U	0.0052	0.010	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Acrylonitrile	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Benzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Bromochloromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Bromodichloromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Bromoform	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Bromomethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Carbon disulfide	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Carbon tetrachloride	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Chlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Chloroethane	ND	CAL-E	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Chloroform	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Chloromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
cis-1,2-Dichloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
cis-1,3-Dichloropropylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Cyclohexane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Dibromochloromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Dibromomethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Dichlorodifluoromethane	ND	CAL-E	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Ethyl Benzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Hexachlorobutadiene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Isopropylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Methyl acetate	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Methylcyclohexane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Methylene chloride	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
n-Butylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
n-Propylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
o-Xylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
p- & m- Xylenes	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
p-Isopropyltoluene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
sec-Butylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Styrene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.026	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
tert-Butylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Tetrachloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Toluene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
trans-1,2-Dichloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
trans-1,3-Dichloropropylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Trichloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Trichlorofluoromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Vinyl Chloride	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Xylenes, Total	ND		U	0.0078	0.016	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*96.9 %*		*77-125*	*EPA 8260D*	*2/11/26 13:30*
Surrogate: SURR: Toluene-d8	*104 %*		*85-120*	*EPA 8260D*	*2/11/26 13:30*
Surrogate: SURR: p-Bromofluorobenzene	*107 %*		*76-130*	*EPA 8260D*	*2/11/26 13:30*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
1,2,4,5-Tetrachlorobenzene	ND	QL-02	U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
1,2,4-Trichlorobenzene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
1,2-Dichlorobenzene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
1,3-Dichlorobenzene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
1,4-Dichlorobenzene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,3,4,6-Tetrachlorophenol	ND	QL-02	U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,4,5-Trichlorophenol	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,4,6-Trichlorophenol	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,4-Dichlorophenol	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,4-Dimethylphenol	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,4-Dinitrophenol	ND	CAL-E, CCVE	U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,4-Dinitrotoluene	ND	CAL-E, QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,6-Dinitrotoluene	ND	CAL-E, QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2-Chloronaphthalene	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2-Chlorophenol	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2-Methylnaphthalene	**0.0560**	J, QL-02	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2-Methylphenol	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2-Nitroaniline	ND	QL-02, CAL-E	U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2-Nitrophenol	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
* 3- & 4-Methylphenols	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
3,3-Dichlorobenzidine	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
3-Nitroaniline	ND	QL-02	U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4,6-Dinitro-2-methylphenol	ND	QL-02, CAL-E, CCVE	U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4-Bromophenyl phenyl ether	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4-Chloro-3-methylphenol	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4-Chloroaniline	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4-Chlorophenyl phenyl ether	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4-Nitroaniline	ND	QL-02	U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4-Nitrophenol	ND		U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Acenaphthene	**0.0790**	J, QL-02	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Acenaphthylene	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Acetophenone	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Aniline	ND		U	0.192	0.384	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Anthracene	**0.183**	QL-02	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Atrazine	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzaldehyde	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzidine	ND		U	0.192	0.384	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzo(a)anthracene	**0.312**	QL-02	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzo(a)pyrene	**0.292**	QL-02, CCVE	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzo(b)fluoranthene	**0.239**	QL-02, CCVE	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzo(g,h,i)perylene	**0.178**	QL-02	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzo(k)fluoranthene	**0.297**	QL-02, CCVE	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzoic acid	ND	CAL-E	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzyl alcohol	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzyl butyl phthalate	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Bis(2-chloroethoxy)methane	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Bis(2-chloroethyl)ether	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Bis(2-chloroisopropyl)ether	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Bis(2-ethylhexyl)phthalate	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Caprolactam	ND		U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Carbazole	**0.0706**	J, QL-02	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Chrysene	**0.343**	QL-02	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Dibenzo(a,h)anthracene	**0.0491**	J, QL-02	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Dibenzofuran	**0.0706**	J, QL-02	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Diethyl phthalate	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Dimethyl phthalate	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Di-n-butyl phthalate	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Di-n-octyl phthalate	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Fluoranthene	**0.650**	QL-02	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Fluorene	**0.0560**	J, QL-02	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Hexachlorobenzene	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Hexachlorobutadiene	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Hexachlorocyclopentadiene	ND	QL-02, CCVE	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Hexachloroethane	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Indeno(1,2,3-cd)pyrene	**0.141**	QL-02	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Isophorone	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Naphthalene	**0.0798**	J, QL-02	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Nitrobenzene	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
N-Nitrosodimethylamine	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
N-nitroso-di-n-propylamine	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
N-Nitrosodiphenylamine	ND	QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Pentachlorophenol	ND	CAL-E	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Phenanthrene	**0.859**	QL-02	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Phenol	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Pyrene	**0.832**	QL-02	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Pyridine	ND		U	0.192	0.384	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*49.4 %*		*20-108*	*EPA 8270E*	*2/10/26 14:44*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Phenol-d6	*46.9 %*		*23-114*	*EPA 8270E*	*2/10/26 14:44*
Surrogate: SURR: Nitrobenzene-d5	*54.4 %*		*22-108*	*EPA 8270E*	*2/10/26 14:44*
Surrogate: SURR: 2-Fluorobiphenyl	*44.9 %*		*21-113*	*EPA 8270E*	*2/10/26 14:44*
Surrogate: SURR: 2,4,6-Tribromophenol	*54.2 %*		*19-110*	*EPA 8270E*	*2/10/26 14:44*
Surrogate: SURR: Terphenyl-d14	*40.3 %*		*24-116*	*EPA 8270E*	*2/10/26 14:44*

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0816	0.206	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0583	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.128	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.0816	0.213	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluorooctanoic acid (PFOA)	**0.102**	J	J	0.0816	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.0816	0.217	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluorononanoic acid (PFNA)	ND		U	0.163	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluorodecanoic acid (PFDA)	ND		U	0.0933	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.128	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluorododecanoic acid (PFDoA)	ND		U	0.0933	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.128	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.152	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
N-MeFOSAA	ND		U	0.0933	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
N-EtFOSAA	ND		U	0.105	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoropentanoic acid (PFPeA)	ND		U	0.0933	0.466	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0350	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.0816	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.0700	0.225	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.210	0.886	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.187	0.895	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.187	0.933	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.0700	0.415	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.455	0.466	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.0466	0.466	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.140	0.466	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0816	0.219	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.257	0.874	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
HFPO-DA (Gen-X)	ND		U	0.268	0.933	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
11CL-PF3OUdS	ND		U	0.257	0.881	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
9CL-PF3ONS	ND		U	0.315	0.872	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
ADONA	ND		U	0.303	0.881	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.175	0.226	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.163	0.224	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.373	1.17	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	0.851	5.83	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.10	5.83	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
N-MeFOSE	ND		U	0.851	2.33	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
N-MeFOSA	ND		U	0.152	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
N-EtFOSE	ND		U	0.536	2.33	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
N-EtFOSA	ND		U	0.105	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*129 %*		*40-135*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M5PFHxA	*122 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M4PFHpA	*132 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M3PFHxS	*118 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*112 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M6PFDA	*107 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M7PFUdA	*103 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*88.5 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M2PFTeDA	*84.4 %*		*20-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*114 %*		*8-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*104 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*121 %*		*35-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*120 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: d3-N-MeFOSAA	*119 %*		*40-135*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: d5-N-EtFOSAA	*121 %*		*40-150*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M2-6:2 FTS	*164 %*		*40-215*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M2-8:2 FTS	*123 %*		*40-275*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M9PFNA	*113 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M2-4:2 FTS	*181 %*		*40-165*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: d-N-MeFOSA	*77.5 %*		*10-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: d-N-EtFOSA	*66.6 %*		*10-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M3HFPO-DA	*108 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: d9-N-EtFOSE	*80.0 %*		*15-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: d7-N-MeFOSE	*87.0 %*		*20-130*	*EPA 1633A*	*2/17/26 11:23*

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
4,4'-DDE	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
4,4'-DDT	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Aldrin	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
alpha-BHC	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
alpha-Chlordane	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
beta-BHC	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
delta-BHC	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Dieldrin	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Endosulfan I	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Endosulfan II	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Endosulfan sulfate	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Endrin	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Endrin aldehyde	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Endrin ketone	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
gamma-BHC (Lindane)	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
gamma-Chlordane	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Heptachlor	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Heptachlor epoxide	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Methoxychlor	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Toxaphene	ND		U	0.190	0.190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
* Chlordane, total	ND		U	0.0380	0.0380	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*54.5 %*		*30-150*	*EPA 8081B*	*2/ 8/26 15:11*
Surrogate: Tetrachloro-m-xylene	*56.6 %*		*30-150*	*EPA 8081B*	*2/ 8/26 15:11*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1221	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1232	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1242	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1248	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1254	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1260	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1262	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1268	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
* Total PCBs	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*56.5 %*		*30-120*	*EPA 8082A*	*2/ 8/26 15:03*
Surrogate: Decachlorobiphenyl	*52.5 %*		*30-120*	*EPA 8082A*	*2/ 8/26 15:03*

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7730**			4.86	4.86	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Antimony	ND		U	2.43	2.43	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Arsenic	**1.96**			1.46	1.46	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Barium	**34.8**			2.43	2.43	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Beryllium	**0.296**			0.049	0.049	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Cadmium	ND		U	0.291	0.291	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Calcium	**4870**			4.86	4.86	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Chromium	**17.5**			0.486	0.486	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Cobalt	**6.53**			0.388	0.388	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Copper	**19.2**			1.94	1.94	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Iron	**11900**			24.3	24.3	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Lead	**8.54**			0.486	0.486	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Magnesium	**5050**			4.86	4.86	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Manganese	**281**			0.486	0.486	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Nickel	**14.4**			0.968	0.968	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Potassium	**1210**			4.86	4.86	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Selenium	ND		U	2.43	2.43	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Silver	ND		U	0.490	0.490	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Sodium	**170**			48.6	48.6	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Thallium	ND		U	1.17	1.95	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Vanadium	**21.8**			0.968	0.968	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Zinc	**39.7**			2.42	2.42	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		J	0.00984	0.0350	1	mg/kg dry	EPA 7473	2/9/26 8:29	2/ 9/26 10:43	LCB

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.8**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 5030B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.216	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,1,1-Trichloroethane	ND		U	0.266	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,1,2,2-Tetrachloroethane	ND		U	0.256	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	U	0.286	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,1,2-Trichloroethane	ND		U	0.249	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,1-Dichloroethane	ND		U	0.272	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,1-Dichloroethylene	ND		U	0.327	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2,3-Trichlorobenzene	ND		U	0.222	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2,3-Trichloropropane	ND		U	0.273	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2,4-Trichlorobenzene	ND		U	0.138	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2,4-Trimethylbenzene	ND		U	0.310	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2-Dibromo-3-chloropropane	ND		U	0.432	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2-Dibromoethane	ND		U	0.215	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2-Dichlorobenzene	ND		U	0.270	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2-Dichloroethane	ND		U	0.377	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2-Dichloropropane	ND		U	0.327	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,3,5-Trimethylbenzene	ND		U	0.347	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,3-Dichlorobenzene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,3-Dichloropropane	ND		U	0.260	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 5030B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,4-Dichlorobenzene	ND		U	0.311	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
2-Butanone	ND		U	0.421	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
2-Hexanone	ND		U	0.320	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
4-Methyl-2-pentanone	ND		U	0.365	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Acetone	ND		U	1.34	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Acrolein	ND		U	0.447	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Acrylonitrile	ND		U	0.422	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Benzene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Bromochloromethane	ND		U	0.354	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Bromodichloromethane	**0.470**	J	J	0.245	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Bromoform	ND		U	0.163	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Bromomethane	ND		U	0.500	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Carbon disulfide	ND		U	0.362	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Carbon tetrachloride	ND		U	0.204	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Chlorobenzene	ND		U	0.284	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Chloroethane	ND		U	0.448	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Chloroform	**27.0**			0.243	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Chloromethane	ND	CCVE	U	0.372	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
cis-1,2-Dichloroethylene	ND		U	0.294	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
cis-1,3-Dichloropropylene	ND		U	0.262	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Cyclohexane	ND		U	0.491	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Dibromochloromethane	ND		U	0.146	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Dibromomethane	ND		U	0.203	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Dichlorodifluoromethane	ND	CCVE	U	0.451	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Ethyl Benzene	ND		U	0.290	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Hexachlorobutadiene	ND		U	0.241	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Isopropylbenzene	ND		U	0.405	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Methyl acetate	ND		U	0.442	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Methyl tert-butyl ether (MTBE)	ND	QL-02	U	0.244	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Methylcyclohexane	ND	CCVE	U	0.477	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Methylene chloride	ND	CCVE	U	0.397	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Naphthalene	ND		U	0.212	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
n-Butylbenzene	ND		U	0.399	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
n-Propylbenzene	ND		U	0.384	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
o-Xylene	ND		U	0.261	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
p- & m- Xylenes	ND		U	0.578	1.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
* p-Diethylbenzene	ND		U	0.341	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
* p-Ethyltoluene	ND		U	0.200	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
p-Isopropyltoluene	ND		U	0.377	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
sec-Butylbenzene	ND		U	0.444	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Styrene	ND		U	0.255	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
tert-Butyl alcohol (TBA)	ND		U	0.608	1.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
tert-Butylbenzene	ND		U	0.367	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Tetrachloroethylene	ND		U	0.239	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Toluene	ND		U	0.346	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 5030B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
trans-1,2-Dichloroethylene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
trans-1,3-Dichloropropylene	ND		U	0.229	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Trichloroethylene	ND		U	0.249	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Trichlorofluoromethane	ND	CCVE	U	0.337	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Vinyl Chloride	ND	CCVE	U	0.469	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Xylenes, Total	ND		U	0.839	1.50	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*		*69-130*	*EPA 8260D*	*2/10/26 22:49*
Surrogate: SURR: Toluene-d8	*107 %*		*81-117*	*EPA 8260D*	*2/10/26 22:49*
Surrogate: SURR: p-Bromofluorobenzene	*102 %*		*79-122*	*EPA 8260D*	*2/10/26 22:49*

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 3510C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
1,2,4,5-Tetrachlorobenzene	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,3,4,6-Tetrachlorophenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,4,5-Trichlorophenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,4,6-Trichlorophenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,4-Dichlorophenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,4-Dimethylphenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
* 2,4-Dinitrophenol	ND	CAL-E	U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,4-Dinitrotoluene	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,6-Dinitrotoluene	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2-Chloronaphthalene	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2-Chlorophenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2-Methylnaphthalene	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2-Methylphenol	ND	CCVE	U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2-Nitroaniline	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2-Nitrophenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
* 3- & 4-Methylphenols	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
3,3-Dichlorobenzidine	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
3-Nitroaniline	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4-Bromophenyl phenyl ether	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4-Chloro-3-methylphenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4-Chloroaniline	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4-Chlorophenyl phenyl ether	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4-Nitroaniline	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4-Nitrophenol	ND		U	5.00	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Acetophenone	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 3510C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzaldehyde	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Benzyl butyl phthalate	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Bis(2-chloroethoxy)methane	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Bis(2-chloroethyl)ether	ND		U	1.00	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Bis(2-chloroisopropyl)ether	ND	CCVE	U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Caprolactam	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Carbazole	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Dibenzofuran	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Diethyl phthalate	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Dimethyl phthalate	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Di-n-butyl phthalate	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Di-n-octyl phthalate	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Hexachlorocyclopentadiene	ND	CCVE	U	5.00	10.0	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Isophorone	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
N-nitroso-di-n-propylamine	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
N-Nitrosodiphenylamine	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Phenol	ND		U	0.750	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
* Propargite	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Pyridine	ND	CCVE, QL-02	U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*23.9 %*		*19.7-63.1*	*EPA 8270E*	*2/ 6/26 01:22*
Surrogate: SURR: Phenol-d6	*11.6 %*		*10.1-41.7*	*EPA 8270E*	*2/ 6/26 01:22*
Surrogate: SURR: Nitrobenzene-d5	*63.5 %*		*50.2-113*	*EPA 8270E*	*2/ 6/26 01:22*
Surrogate: SURR: 2-Fluorobiphenyl	*52.0 %*		*39.9-105*	*EPA 8270E*	*2/ 6/26 01:22*
Surrogate: SURR: 2,4,6-Tribromophenol	*69.1 %*		*39.3-151*	*EPA 8270E*	*2/ 6/26 01:22*
Surrogate: SURR: Terphenyl-d14	*78.6 %*		*30.7-106*	*EPA 8270E*	*2/ 6/26 01:22*

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS/SIM**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 3510C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Acenaphthene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Acenaphthylene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Anthracene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Atrazine	ND		U	0.500	0.500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Benzo(a)anthracene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Benzo(a)pyrene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Benzo(b)fluoranthene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Benzo(g,h,i)perylene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Benzo(k)fluoranthene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Bis(2-ethylhexyl)phthalate	ND		U	0.500	0.500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS/SIM**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 3510C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chrysene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Dibenzo(a,h)anthracene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Fluoranthene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Fluorene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Hexachlorobenzene	ND		U	0.0200	0.0200	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Hexachlorobutadiene	ND		U	0.500	0.500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Hexachloroethane	ND		U	0.500	0.500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Indeno(1,2,3-cd)pyrene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Naphthalene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Nitrobenzene	ND	CCVE, ICVE	U	0.250	0.250	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* N-Nitrosodimethylamine	ND		U	0.500	0.500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Pentachlorophenol	ND	CCVE	U	0.250	0.250	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Phenanthrene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Pyrene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.789	1.79	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluorohexanoic acid (PFHxA)	ND		U	0.364	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.709	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.901	1.85	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluorooctanoic acid (PFOA)	ND		U	0.800	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.769	1.88	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluorononanoic acid (PFNA)	ND		U	1.00	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluorodecanoic acid (PFDA)	ND		U	0.577	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.719	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluorododecanoic acid (PFDoA)	ND		U	0.607	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluorotridecanoic acid (PFTrDA)	ND	PF-LCS-H	U	1.21	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluorotetradecanoic acid (PFTA)	ND		U	1.60	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
N-MeFOSAA	ND		U	0.506	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
N-EtFOSAA	ND		U	1.06	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluoropentanoic acid (PFPeA)	ND		U	0.901	4.05	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.374	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.314	1.93	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.628	1.95	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	2.35	7.69	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	2.28	7.77	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluoro-n-butanoic acid (PFBA)	ND		U	1.65	8.10	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.506	3.60	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		U	3.04	4.05	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.709	4.05	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	1.42	4.05	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.759	1.90	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	2.85	7.59	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
HFPO-DA (Gen-X)	ND		U	3.18	8.10	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
11CL-PF3OUdS	ND		U	2.26	7.65	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
9CL-PF3ONS	ND		U	2.78	7.57	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
ADONA	ND		U	3.01	7.65	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.901	1.96	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.759	1.94	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	PF-LCS-H	U	2.39	10.1	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	6.81	50.6	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	23.4	50.6	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
N-MeFOSE	ND		U	7.19	20.2	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
N-MeFOSA	ND		U	0.719	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
N-EtFOSE	ND		U	7.37	20.2	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH
N-EtFOSA	ND		U	1.06	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KLH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*127 %*		*40-135*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M5PFHxA	*131 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M4PFHpA	*116 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M3PFHxS	*122 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*125 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M6PFDA	*120 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M7PFUdA	*123 %*		*30-130*	*EPA 1633A*	*2/14/26 23:42*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*107 %*		*10-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M2PFTeDA	*106 %*		*10-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*124 %*		*5-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*122 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*132 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*139 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: d3-N-MeFOSAA	*118 %*		*40-170*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: d5-N-EtFOSAA	*119 %*		*25-135*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M2-6:2 FTS	*138 %*		*40-200*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M2-8:2 FTS	*127 %*		*40-300*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M9PFNA	*133 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M2-4:2 FTS	*148 %*		*40-200*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: d-N-MeFOSA	*122 %*		*10-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: d-N-EtFOSA	*114 %*		*10-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M3HFPO-DA	*125 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: d9-N-EtFOSE	*127 %*		*10-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: d7-N-MeFOSE	*120 %*		*10-130*	*EPA 1633A*	*2/14/26 23:42*

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA SW846-3510C Low Level	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
4,4'-DDE	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
4,4'-DDT	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Aldrin	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
alpha-BHC	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
alpha-Chlordane	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
beta-BHC	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
delta-BHC	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Dieldrin	ND		U	0.00200	0.00200	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Endosulfan I	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Endosulfan II	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Endosulfan sulfate	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Endrin	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Endrin aldehyde	ND		U	0.0100	0.0100	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Endrin ketone	ND		U	0.0100	0.0100	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
gamma-BHC (Lindane)	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA SW846-3510C Low Level	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
gamma-Chlordane	ND		U	0.0100	0.0100	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Heptachlor	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Heptachlor epoxide	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Methoxychlor	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Toxaphene	ND		U	0.100	0.100	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
* Chlordane, total	ND		U	0.200	0.200	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
* Chlordane, total (alpha, gamma)	ND		U	0.0100	0.0100	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*58.9 %*		*30-150*	*EPA 8081B*	*2/ 9/26 21:27*
Surrogate: Tetrachloro-m-xylene	*69.8 %*		*30-150*	*EPA 8081B*	*2/ 9/26 21:27*

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA SW846-3510C Low Level	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1221	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1232	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1242	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1248	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1254	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1260	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1262	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1268	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
* Total PCBs	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*73.0 %*		*30-150*	*EPA 8082A*	*2/ 9/26 17:45*
Surrogate: Decachlorobiphenyl	*66.5 %*		*30-150*	*EPA 8082A*	*2/ 9/26 17:45*

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 3015A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	ND		U	0.134	0.556	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Antimony	ND		U	1.11	1.11	1	ug/L	EPA 6020B	2/5/26 8:45	2/ 5/26 14:04	DBT
Arsenic	ND		U	1.11	1.11	1	ug/L	EPA 6020B	2/5/26 8:45	2/ 5/26 14:04	DBT
Barium	ND		U	0.00333	0.0278	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Beryllium	ND		U	0.333	0.333	1	ug/L	EPA 6020B	2/5/26 8:45	2/ 5/26 14:04	DBT
Cadmium	ND		U	0.556	0.556	1	ug/L	EPA 6020B	2/5/26 8:45	2/ 5/26 14:04	DBT

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 3015A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Calcium	ND		U	0.163	0.556	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Chromium	ND		U	0.000493	0.00556	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Cobalt	ND		U	0.00234	0.00444	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Copper	ND		U	0.00580	0.0222	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Iron	ND		U	0.0487	0.278	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Lead	ND		U	0.00658	0.00667	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Magnesium	ND		U	0.0610	0.0667	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Manganese	ND		U	0.00136	0.00556	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Nickel	ND		U	0.00396	0.0111	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Potassium	ND		U	0.741	1.11	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
* Selenium	ND		U	0.00753	0.0278	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Silver	ND		U	0.00570	0.00667	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Sodium	**1.15**			0.970	1.11	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Thallium	ND		U	1.11	1.11	1	ug/L	EPA 6020B	2/5/26 8:45	2/ 5/26 14:04	DBT
Vanadium	ND		U	0.00106	0.0111	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Zinc	ND		U	0.0123	0.0278	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA SW846-7470A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		U	0.0002	0.0002	1	mg/L	EPA 7470	2/5/26 8:30	2/ 5/26 08:30	DBT

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,2-Trichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2,3-Trichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2,4-Trichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2-Dibromoethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2-Dichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
2-Butanone	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
2-Hexanone	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
4-Methyl-2-pentanone	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Acetone	**0.0071**	J	J	0.0055	0.011	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Acrolein	ND	ICVE	U	0.0055	0.011	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Acrylonitrile	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Benzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Bromochloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Bromodichloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Bromoform	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Bromomethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Carbon disulfide	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Carbon tetrachloride	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Chlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Chloroethane	ND	CAL-E	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Chloroform	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Chloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
cis-1,3-Dichloropropylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Cyclohexane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Dibromochloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Dibromomethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Dichlorodifluoromethane	ND	CAL-E	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Ethyl Benzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Hexachlorobutadiene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Isopropylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Methyl acetate	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Methylcyclohexane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Methylene chloride	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
n-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
n-Propylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
o-Xylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
p- & m- Xylenes	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
p-Isopropyltoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
sec-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Styrene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
tert-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Tetrachloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Toluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Trichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Vinyl Chloride	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Xylenes, Total	ND		U	0.0083	0.017	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*112 %*		*77-125*	*EPA 8260D*	*2/11/26 13:57*
Surrogate: SURR: Toluene-d8	*101 %*		*85-120*	*EPA 8260D*	*2/11/26 13:57*
Surrogate: SURR: p-Bromofluorobenzene	*101 %*		*76-130*	*EPA 8260D*	*2/11/26 13:57*

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
1,2,4,5-Tetrachlorobenzene	ND		U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
1,2,4-Trichlorobenzene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
1,2-Dichlorobenzene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
1,3-Dichlorobenzene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
1,4-Dichlorobenzene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,3,4,6-Tetrachlorophenol	ND		U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,4,5-Trichlorophenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,4,6-Trichlorophenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,4-Dichlorophenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,4-Dimethylphenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,4-Dinitrophenol	ND	CAL-E	U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,4-Dinitrotoluene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,6-Dinitrotoluene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chloronaphthalene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2-Chlorophenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2-Methylnaphthalene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2-Methylphenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2-Nitroaniline	ND		U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2-Nitrophenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
* 3- & 4-Methylphenols	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
3,3-Dichlorobenzidine	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
3-Nitroaniline	ND		U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4,6-Dinitro-2-methylphenol	ND		U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4-Bromophenyl phenyl ether	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4-Chloro-3-methylphenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4-Chloroaniline	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4-Chlorophenyl phenyl ether	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4-Nitroaniline	ND		U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4-Nitrophenol	ND	CCVE	U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Acenaphthene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Acenaphthylene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Acetophenone	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Aniline	ND		U	0.193	0.386	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Anthracene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Atrazine	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzaldehyde	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzidine	ND		U	0.193	0.386	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzo(a)anthracene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzo(a)pyrene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzo(b)fluoranthene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzo(g,h,i)perylene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzo(k)fluoranthene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzoic acid	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzyl alcohol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzyl butyl phthalate	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Bis(2-chloroethoxy)methane	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Bis(2-chloroethyl)ether	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Bis(2-ethylhexyl)phthalate	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Caprolactam	ND	CCVE, ICVE	U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Carbazole	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Chrysene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Dibenzo(a,h)anthracene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Dibenzofuran	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Diethyl phthalate	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Dimethyl phthalate	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Di-n-butyl phthalate	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Di-n-octyl phthalate	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Fluoranthene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Fluorene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Hexachlorobenzene	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Hexachlorobutadiene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Hexachlorocyclopentadiene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Hexachloroethane	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Indeno(1,2,3-cd)pyrene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Isophorone	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Naphthalene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Nitrobenzene	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
N-Nitrosodimethylamine	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
N-nitroso-di-n-propylamine	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
N-Nitrosodiphenylamine	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Pentachlorophenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Phenanthrene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Phenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Pyrene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Pyridine	ND		U	0.193	0.386	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*48.2 %*		*20-108*	*EPA 8270E*	*2/ 7/26 23:52*
Surrogate: SURR: Phenol-d6	*45.9 %*		*23-114*	*EPA 8270E*	*2/ 7/26 23:52*
Surrogate: SURR: Nitrobenzene-d5	*46.1 %*		*22-108*	*EPA 8270E*	*2/ 7/26 23:52*
Surrogate: SURR: 2-Fluorobiphenyl	*46.8 %*		*21-113*	*EPA 8270E*	*2/ 7/26 23:52*
Surrogate: SURR: 2,4,6-Tribromophenol	*45.8 %*		*19-110*	*EPA 8270E*	*2/ 7/26 23:52*
Surrogate: SURR: Terphenyl-d14	*49.9 %*		*24-116*	*EPA 8270E*	*2/ 7/26 23:52*

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0815	0.206	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluorohexanoic acid (PFHxA)	**0.0812**	J	J	0.0582	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.128	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.0815	0.213	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluorooctanoic acid (PFOA)	ND		U	0.0815	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.0815	0.216	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluorononanoic acid (PFNA)	ND		U	0.163	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluorodecanoic acid (PFDA)	ND		U	0.0931	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluoroundecanoic acid (PFUnA)	ND		U	0.128	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluorododecanoic acid (PFDoA)	ND		U	0.0931	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.128	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.151	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
N-MeFOSAA	ND		U	0.0931	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
N-EtFOSAA	ND		U	0.105	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluoropentanoic acid (PFPeA)	**0.427**	J	J	0.0931	0.466	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0349	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.0815	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.0698	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.209	0.885	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.186	0.894	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.186	0.931	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.0698	0.414	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.454	0.466	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.0466	0.466	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.140	0.466	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0815	0.219	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.256	0.873	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
HFPO-DA (Gen-X)	ND		U	0.268	0.931	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
11CL-PF3OUdS	ND		U	0.256	0.880	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
9CL-PF3ONS	ND		U	0.314	0.871	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
ADONA	ND		U	0.303	0.880	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.175	0.226	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.163	0.223	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.372	1.16	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	0.850	5.82	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.09	5.82	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
N-MeFOSE	ND		U	0.850	2.33	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
N-MeFOSA	ND		U	0.151	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
N-EtFOSE	ND		U	0.535	2.33	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH
N-EtFOSA	ND		U	0.105	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KLH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*140 %*		*40-135*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M5PFHxA	*128 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M4PFHpA	*120 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M3PFHxS	*130 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*121 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M6PFDA	*123 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M7PFUdA	*110 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*97.5 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M2PFTeDA	*107 %*		*20-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*118 %*		*8-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*132 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*126 %*		*35-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*127 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: d3-N-MeFOSAA	*91.5 %*		*40-135*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: d5-N-EtFOSAA	*91.2 %*		*40-150*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M2-6:2 FTS	*146 %*		*40-215*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M2-8:2 FTS	*121 %*		*40-275*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M9PFNA	*127 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M2-4:2 FTS	*163 %*		*40-165*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: d-N-MeFOSA	*125 %*		*10-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: d-N-EtFOSA	*119 %*		*10-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M3HFPO-DA	*130 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: d9-N-EtFOSE	*119 %*		*15-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: d7-N-MeFOSE	*114 %*		*20-130*	*EPA 1633A*	*2/15/26 09:52*

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
4,4'-DDE	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
4,4'-DDT	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Aldrin	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
alpha-BHC	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
alpha-Chlordane	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
beta-BHC	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
delta-BHC	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Dieldrin	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Endosulfan I	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Endosulfan II	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Endosulfan sulfate	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Endrin	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Endrin aldehyde	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Endrin ketone	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
gamma-BHC (Lindane)	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
gamma-Chlordane	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Heptachlor	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Heptachlor epoxide	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Methoxychlor	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Toxaphene	ND		U	0.190	0.190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
* Chlordane, total	ND		U	0.0379	0.0379	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*45.4 %*		*30-150*	*EPA 8081B*	*2/ 5/26 21:03*
Surrogate: Tetrachloro-m-xylene	*53.9 %*		*30-150*	*EPA 8081B*	*2/ 5/26 21:03*

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1221	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1232	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1242	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1248	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1254	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1260	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1262	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1268	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
* Total PCBs	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*44.5 %*		*30-120*	*EPA 8082A*	*2/ 5/26 23:29*
Surrogate: Decachlorobiphenyl	*35.5 %*		*30-120*	*EPA 8082A*	*2/ 5/26 23:29*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**8200**			4.85	4.85	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Antimony	ND		U	2.42	2.42	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Arsenic	**1.72**			1.45	1.45	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Barium	**42.4**			2.42	2.42	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Beryllium	**0.324**			0.049	0.049	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Cadmium	ND		U	0.291	0.291	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Calcium	**21600**			4.85	4.85	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Chromium	**15.0**			0.485	0.485	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Cobalt	**7.38**			0.388	0.388	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Copper	**16.6**			1.94	1.94	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Iron	**12900**			24.2	24.2	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Lead	**7.35**			0.485	0.485	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Magnesium	**13400**			4.85	4.85	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Manganese	**238**			0.485	0.485	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Nickel	**15.0**			0.966	0.966	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Potassium	**2070**			4.85	4.85	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Selenium	ND		U	2.42	2.42	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Silver	ND		U	0.489	0.489	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Sodium	**361**			48.5	48.5	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Thallium	ND		U	1.16	1.94	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Vanadium	**22.8**			0.966	0.966	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Zinc	**39.5**			2.41	2.41	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		J	0.00982	0.0349	1	mg/kg dry	EPA 7473	2/9/26 8:29	2/ 9/26 10:44	LCB

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.9**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-12**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Trip Blank	**Collection Date/Time:**	2/3/26 0:00

Lab ID:	**26B0173-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 5030B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.216	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,1,1-Trichloroethane	ND		U	0.266	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,1,2,2-Tetrachloroethane	ND		U	0.256	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	U	0.286	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,1,2-Trichloroethane	ND		U	0.249	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,1-Dichloroethane	ND		U	0.272	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,1-Dichloroethylene	ND		U	0.327	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2,3-Trichlorobenzene	ND		U	0.222	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2,3-Trichloropropane	ND		U	0.273	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2,4-Trichlorobenzene	ND		U	0.138	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2,4-Trimethylbenzene	ND		U	0.310	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2-Dibromo-3-chloropropane	ND		U	0.432	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2-Dibromoethane	ND		U	0.215	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2-Dichlorobenzene	ND		U	0.270	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2-Dichloroethane	ND		U	0.377	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2-Dichloropropane	ND		U	0.327	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,3,5-Trimethylbenzene	ND		U	0.347	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,3-Dichlorobenzene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,3-Dichloropropane	ND		U	0.260	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,4-Dichlorobenzene	ND		U	0.311	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
2-Butanone	ND		U	0.421	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
2-Hexanone	ND		U	0.320	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
4-Methyl-2-pentanone	ND		U	0.365	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Acetone	**3.57**	CCVE, QL-02		1.34	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Acrolein	ND		U	0.447	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Acrylonitrile	ND		U	0.422	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Benzene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Bromochloromethane	ND		U	0.354	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Bromodichloromethane	ND		U	0.245	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Bromoform	ND		U	0.163	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Bromomethane	ND		U	0.500	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Carbon disulfide	ND		U	0.362	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Carbon tetrachloride	ND		U	0.204	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Chlorobenzene	ND		U	0.284	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Chloroethane	ND		U	0.448	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Chloroform	ND		U	0.243	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Chloromethane	ND	CCVE	U	0.372	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
cis-1,2-Dichloroethylene	ND		U	0.294	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
cis-1,3-Dichloropropylene	ND		U	0.262	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Cyclohexane	ND		U	0.491	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Dibromochloromethane	ND		U	0.146	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Dibromomethane	ND		U	0.203	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Dichlorodifluoromethane	ND	CCVE	U	0.451	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-12**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Trip Blank	**Collection Date/Time:**	2/3/26 0:00

Lab ID:	**26B0173-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 5030B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.290	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Hexachlorobutadiene	ND		U	0.241	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Isopropylbenzene	ND		U	0.405	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Methyl acetate	ND		U	0.442	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Methyl tert-butyl ether (MTBE)	ND	QL-02	U	0.244	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Methylcyclohexane	ND	CCVE	U	0.477	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Methylene chloride	ND	CCVE	U	0.397	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Naphthalene	ND		U	0.212	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
n-Butylbenzene	ND		U	0.399	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
n-Propylbenzene	ND		U	0.384	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
o-Xylene	ND		U	0.261	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
p- & m- Xylenes	ND		U	0.578	1.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
* p-Diethylbenzene	ND		U	0.341	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
* p-Ethyltoluene	ND		U	0.200	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
p-Isopropyltoluene	ND		U	0.377	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
sec-Butylbenzene	ND		U	0.444	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Styrene	ND		U	0.255	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
tert-Butyl alcohol (TBA)	ND		U	0.608	1.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
tert-Butylbenzene	ND		U	0.367	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Tetrachloroethylene	ND		U	0.239	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Toluene	ND		U	0.346	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
trans-1,2-Dichloroethylene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
trans-1,3-Dichloropropylene	ND		U	0.229	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Trichloroethylene	ND		U	0.249	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Trichlorofluoromethane	ND	CCVE	U	0.337	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Vinyl Chloride	ND	CCVE	U	0.469	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Xylenes, Total	ND		U	0.839	1.50	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*114 %*		*69-130*	*EPA 8260D*	*2/10/26 21:20*
Surrogate: SURR: Toluene-d8	*105 %*		*81-117*	*EPA 8260D*	*2/10/26 21:20*
Surrogate: SURR: p-Bromofluorobenzene	*103 %*		*79-122*	*EPA 8260D*	*2/10/26 21:20*

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA 1633A in Soil		
11CL-PF3OUdS	763051-92-9	NYSDOH-NY12058
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	NYSDOH-NY12058
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	NYSDOH-NY12058
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	NYSDOH-NY12058
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	812-70-4	NYSDOH-NY12058
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	914637-49-3	NYSDOH-NY12058
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	356-02-5	NYSDOH-NY12058
9CL-PF3ONS	756426-58-1	NYSDOH-NY12058
ADONA	919005-14-4	NYSDOH-NY12058
HFPO-DA (Gen-X)	13252-13-6	NYSDOH-NY12058
N-EtFOSA	4151-50-2	NYSDOH-NY12058
N-EtFOSAA	2991-50-6	NYSDOH-NY12058
N-EtFOSE	1691-99-2	NYSDOH-NY12058
N-MeFOSA	31506-32-8	NYSDOH-NY12058
N-MeFOSAA	2355-31-9	NYSDOH-NY12058
N-MeFOSE	24448-09-7	NYSDOH-NY12058
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	NYSDOH-NY12058
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	NYSDOH-NY12058
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	NYSDOH-NY12058
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	NYSDOH-NY12058
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	NYSDOH-NY12058
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	NYSDOH-NY12058
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	NYSDOH-NY12058
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	NYSDOH-NY12058
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	NYSDOH-NY12058
Perfluorobutanesulfonic acid (PFBS)	375-73-5	NYSDOH-NY12058
Perfluorodecanoic acid (PFDA)	335-76-2	NYSDOH-NY12058
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	NYSDOH-NY12058
Perfluorododecanoic acid (PFDoA)	307-55-1	NYSDOH-NY12058
Perfluoroheptanoic acid (PFHpA)	375-85-9	NYSDOH-NY12058
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NYSDOH-NY12058
Perfluorohexanoic acid (PFHxA)	307-24-4	NYSDOH-NY12058
Perfluoro-n-butanoic acid (PFBA)	375-22-4	NYSDOH-NY12058
Perfluorononanoic acid (PFNA)	375-95-1	NYSDOH-NY12058
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	NYSDOH-NY12058
Perfluorooctanoic acid (PFOA)	335-67-1	NYSDOH-NY12058
Perfluoropentanoic acid (PFPeA)	2706-90-3	NYSDOH-NY12058
Perfluorotetradecanoic acid (PFTA)	376-06-7	NYSDOH-NY12058
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	NYSDOH-NY12058
Perfluoroundecanoic acid (PFUnA)	2058-94-8	NYSDOH-NY12058
EPA 1633A in Water		
11CL-PF3OUdS	763051-92-9	NYSDOH-NY12058
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	NYSDOH-NY12058
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	NYSDOH-NY12058
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	NYSDOH-NY12058
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	812-70-4	NYSDOH-NY12058
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	914637-49-3	NYSDOH-NY12058
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	356-02-5	NYSDOH-NY12058
9CL-PF3ONS	756426-58-1	NYSDOH-NY12058
ADONA	919005-14-4	NYSDOH-NY12058
HFPO-DA (Gen-X)	13252-13-6	NYSDOH-NY12058
N-EtFOSA	4151-50-2	NYSDOH-NY12058

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 1633A in Water (Continued)		
N-EtFOSAA	2991-50-6	NYSDOH-NY12058
N-EtFOSE	1691-99-2	NYSDOH-NY12058
N-MeFOSA	31506-32-8	NYSDOH-NY12058
N-MeFOSAA	2355-31-9	NYSDOH-NY12058
N-MeFOSE	24448-09-7	NYSDOH-NY12058
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	NYSDOH-NY12058
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	NYSDOH-NY12058
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	NYSDOH-NY12058
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	NYSDOH-NY12058
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	NYSDOH-NY12058
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	NYSDOH-NY12058
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	NYSDOH-NY12058
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	NYSDOH-NY12058
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	NYSDOH-NY12058
Perfluorobutanesulfonic acid (PFBS)	375-73-5	NYSDOH-NY12058
Perfluorodecanoic acid (PFDA)	335-76-2	NYSDOH-NY12058
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	NYSDOH-NY12058
Perfluorododecanoic acid (PFDoA)	307-55-1	NYSDOH-NY12058
Perfluoroheptanoic acid (PFHpA)	375-85-9	NYSDOH-NY12058
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NYSDOH-NY12058
Perfluorohexanoic acid (PFHxA)	307-24-4	NYSDOH-NY12058
Perfluoro-n-butanoic acid (PFBA)	375-22-4	NYSDOH-NY12058
Perfluorononanoic acid (PFNA)	375-95-1	NYSDOH-NY12058
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	NYSDOH-NY12058
Perfluorooctanoic acid (PFOA)	335-67-1	NYSDOH-NY12058
Perfluoropentanoic acid (PFPeA)	2706-90-3	NYSDOH-NY12058
Perfluorotetradecanoic acid (PFTA)	376-06-7	NYSDOH-NY12058
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	NYSDOH-NY12058
Perfluoroundecanoic acid (PFUnA)	2058-94-8	NYSDOH-NY12058
EPA 6010D in Soil		
Aluminum	7429-90-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Antimony	7440-36-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Arsenic	7440-38-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Barium	7440-39-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Beryllium	7440-41-7	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cadmium	7440-43-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Calcium	7440-70-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Chromium	7440-47-3	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cobalt	7440-48-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Copper	7440-50-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Iron	7439-89-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Lead	7439-92-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Magnesium	7439-95-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Manganese	7439-96-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Nickel	7440-02-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Potassium	7440-09-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Selenium	7782-49-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Silver	7440-22-4	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Sodium	7440-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Thallium	7440-28-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 6010D in Soil (Continued)		
Vanadium	7440-62-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Zinc	7440-66-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 6010D in Water		
Aluminum	7429-90-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Barium	7440-39-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Calcium	7440-70-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Chromium	7440-47-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cobalt	7440-48-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Copper	7440-50-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Iron	7439-89-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Lead	7439-92-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Magnesium	7439-95-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Manganese	7439-96-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Nickel	7440-02-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Potassium	7440-09-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Selenium	7782-49-2	CTDPH-PH-0840,PADEP-68-04440
Silver	7440-22-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Sodium	7440-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Vanadium	7440-62-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Zinc	7440-66-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 6020B in Water		
Antimony	7440-36-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Arsenic	7440-38-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Beryllium	7440-41-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cadmium	7440-43-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Thallium	7440-28-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 7470 in Water		
Mercury	7439-97-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
EPA 7473 in Soil		
Mercury	7439-97-6	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-0840
EPA 8081B in Soil		
4,4'-DDD	72-54-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDE	72-55-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDE [2C]	72-55-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDT	50-29-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDT [2C]	50-29-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Aldrin	309-00-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
alpha-BHC	319-84-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
alpha-Chlordane	5103-71-9	NYSDOH-NY10854,NJDEP-CT005
alpha-Chlordane [2C]	5103-71-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005
beta-BHC	319-85-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
delta-BHC	319-86-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Dieldrin	60-57-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Dieldrin [2C]	60-57-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endosulfan I	959-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endosulfan II	33213-65-9	CTDPH-PH-0840,NYSDOH-NY10854
Endosulfan sulfate	1031-07-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endrin	72-20-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endrin aldehyde	7421-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8081B in Soil (Continued)		
Endrin ketone	53494-70-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
gamma-BHC (Lindane)	58-89-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
gamma-Chlordane	5566-34-7	NYSDOH-NY10854,NJDEP-CT005
gamma-Chlordane [2C]	5566-34-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005
Heptachlor	76-44-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Heptachlor epoxide	1024-57-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Methoxychlor	72-43-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Toxaphene	8001-35-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8081B in Water		
4,4'-DDD	72-54-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDE	72-55-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDT	50-29-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Aldrin	309-00-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
alpha-BHC	319-84-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
alpha-Chlordane	5103-71-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
beta-BHC	319-85-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
delta-BHC	319-86-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Dieldrin	60-57-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endosulfan I	959-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endosulfan II	33213-65-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endosulfan sulfate	1031-07-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endrin	72-20-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endrin aldehyde	7421-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endrin ketone	53494-70-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
gamma-BHC (Lindane)	58-89-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
gamma-Chlordane	5566-34-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Heptachlor	76-44-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Heptachlor epoxide	1024-57-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Methoxychlor	72-43-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Toxaphene	8001-35-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8082A in Soil		
Aroclor 1016	12674-11-2	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1221	11104-28-2	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1232	11141-16-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1242	53469-21-9	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1248	12672-29-6	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1254	11097-69-1	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1260	11096-82-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1262	37324-23-5	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Aroclor 1268	11100-14-4	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8082A in Water		
Aroclor 1016	12674-11-2	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1221	11104-28-2	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1232	11141-16-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1242	53469-21-9	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1248	12672-29-6	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1254	11097-69-1	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1260	11096-82-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1262	37324-23-5	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Aroclor 1268	11100-14-4	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil		
1,1,1,2-Tetrachloroethane	630-20-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1,1-Trichloroethane	71-55-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1,2,2-Tetrachloroethane	79-34-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1,2-Trichloroethane	79-00-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1-Dichloroethane	75-34-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2,3-Trichlorobenzene	87-61-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichloropropane	96-18-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trichlorobenzene	120-82-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trimethylbenzene	95-63-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dibromo-3-chloropropane	96-12-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dibromoethane	106-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dichlorobenzene	95-50-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dichloropropane	78-87-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,3,5-Trimethylbenzene	108-67-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,3-Dichlorobenzene	541-73-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
2-Hexanone	591-78-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
4-Methyl-2-pentanone	108-10-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Acetone	67-64-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Acrolein	107-02-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Acrylonitrile	107-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Bromochloromethane	74-97-5	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromodichloromethane	75-27-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
Bromoform	75-25-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromomethane	74-83-9	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon disulfide	75-15-0	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroethane	75-00-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloromethane	74-87-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
cis-1,2-Dichloroethylene	156-59-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
cis-1,3-Dichloropropylene	10061-01-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Cyclohexane	110-82-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromochloromethane	124-48-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromomethane	74-95-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dichlorodifluoromethane	75-71-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Ethyl Benzene	100-41-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Hexachlorobutadiene	87-68-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Isopropylbenzene	98-82-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl acetate	79-20-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl tert-butyl ether (MTBE)	1634-04-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylcyclohexane	108-87-2	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylene chloride	75-09-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
n-Butylbenzene	104-51-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
n-Propylbenzene	103-65-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
o-Xylene	95-47-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p- & m- Xylenes	179601-23-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p-Isopropyltoluene	99-87-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
sec-Butylbenzene	135-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Styrene	100-42-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butyl alcohol (TBA)	75-65-0	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butylbenzene	98-06-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Toluene	108-88-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
trans-1,2-Dichloroethylene	156-60-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
trans-1,3-Dichloropropylene	10061-02-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Trichlorofluoromethane	75-69-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Xylenes, Total	1330-20-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
EPA 8260D in Water		
1,1,1,2-Tetrachloroethane	630-20-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1,1-Trichloroethane	71-55-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1,2,2-Tetrachloroethane	79-34-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1,2-Trichloroethane	79-00-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1-Dichloroethane	75-34-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2,3-Trichlorobenzene	87-61-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichloropropane	96-18-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trichlorobenzene	120-82-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trimethylbenzene	95-63-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dibromo-3-chloropropane	96-12-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dibromoethane	106-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dichlorobenzene	95-50-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dichloropropane	78-87-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,3,5-Trimethylbenzene	108-67-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,3-Dichlorobenzene	541-73-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,3-Dichloropropane	142-28-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
2-Hexanone	591-78-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Water (Continued)		
4-Methyl-2-pentanone	108-10-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acetone	67-64-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acrolein	107-02-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acrylonitrile	107-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromochloromethane	74-97-5	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromodichloromethane	75-27-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromoform	75-25-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromomethane	74-83-9	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon disulfide	75-15-0	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroethane	75-00-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloromethane	74-87-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
cis-1,2-Dichloroethylene	156-59-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
cis-1,3-Dichloropropylene	10061-01-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Cyclohexane	110-82-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromochloromethane	124-48-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromomethane	74-95-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dichlorodifluoromethane	75-71-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Ethyl Benzene	100-41-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Hexachlorobutadiene	87-68-3	NYSDOH-NY12058,PADEP-68-04440
Isopropylbenzene	98-82-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl acetate	79-20-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl tert-butyl ether (MTBE)	1634-04-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylcyclohexane	108-87-2	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylene chloride	75-09-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Naphthalene	91-20-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
n-Butylbenzene	104-51-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Water (Continued)		
n-Propylbenzene	103-65-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
o-Xylene	95-47-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p- & m- Xylenes	179601-23-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p-Isopropyltoluene	99-87-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
sec-Butylbenzene	135-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Styrene	100-42-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butyl alcohol (TBA)	75-65-0	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butylbenzene	98-06-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Toluene	108-88-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
trans-1,2-Dichloroethylene	156-60-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
trans-1,3-Dichloropropylene	10061-02-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Trichlorofluoromethane	75-69-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Xylenes, Total	1330-20-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005
EPA 8270E in Soil		
1,1-Biphenyl	92-52-4	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2,4,5-Tetrachlorobenzene	95-94-3	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2,4-Trichlorobenzene	120-82-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2-Dichlorobenzene	95-50-1	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,3-Dichlorobenzene	541-73-1	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,4-Dichlorobenzene	106-46-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,3,4,6-Tetrachlorophenol	58-90-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,5-Trichlorophenol	95-95-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,6-Trichlorophenol	88-06-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dichlorophenol	120-83-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dimethylphenol	105-67-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrophenol	51-28-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrotoluene	121-14-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,6-Dinitrotoluene	606-20-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Chloronaphthalene	91-58-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Chlorophenol	95-57-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Methylnaphthalene	91-57-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Methylphenol	95-48-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Nitroaniline	88-74-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Nitrophenol	88-75-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3- & 4-Methylphenols	65794-96-9	CTDPH-PH-0840
3,3-Dichlorobenzidine	91-94-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8270E in Soil (Continued)		
3-Nitroaniline	99-09-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4,6-Dinitro-2-methylphenol	534-52-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Bromophenyl phenyl ether	101-55-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chloro-3-methylphenol	59-50-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chloroaniline	106-47-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chlorophenyl phenyl ether	7005-72-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Nitroaniline	100-01-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Nitrophenol	100-02-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acenaphthene	83-32-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acenaphthylene	208-96-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acetophenone	98-86-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Aniline	62-53-3	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Anthracene	120-12-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Atrazine	1912-24-9	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzaldehyde	100-52-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzidine	92-87-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(a)anthracene	56-55-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(a)pyrene	50-32-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(b)fluoranthene	205-99-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(g,h,i)perylene	191-24-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(k)fluoranthene	207-08-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzoic acid	65-85-0	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzyl alcohol	100-51-6	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzyl butyl phthalate	85-68-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroethoxy)methane	111-91-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroethyl)ether	111-44-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroisopropyl)ether	108-60-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-ethylhexyl)phthalate	117-81-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Caprolactam	105-60-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Carbazole	86-74-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Chrysene	218-01-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dibenzo(a,h)anthracene	53-70-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dibenzofuran	132-64-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Diethyl phthalate	84-66-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dimethyl phthalate	131-11-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Di-n-butyl phthalate	84-74-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Di-n-octyl phthalate	117-84-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Fluoranthene	206-44-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Fluorene	86-73-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorobenzene	118-74-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorobutadiene	87-68-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorocyclopentadiene	77-47-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachloroethane	67-72-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Indeno(1,2,3-cd)pyrene	193-39-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Isophorone	78-59-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Naphthalene	91-20-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Nitrobenzene	98-95-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-Nitrosodimethylamine	62-75-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-nitroso-di-n-propylamine	621-64-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-Nitrosodiphenylamine	86-30-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pentachlorophenol	87-86-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8270E in Soil (Continued)		
Phenanthrene	85-01-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Phenol	108-95-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pyrene	129-00-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pyridine	110-86-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
EPA 8270E in Water		
1,1-Biphenyl	92-52-4	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
1,2,4,5-Tetrachlorobenzene	95-94-3	NYSDOH-NY10854,PADEP-68-04440
2,3,4,6-Tetrachlorophenol	58-90-2	NYSDOH-NY10854,PADEP-68-04440
2,4,5-Trichlorophenol	95-95-4	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
2,4,6-Trichlorophenol	88-06-2	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
2,4-Dichlorophenol	120-83-2	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
2,4-Dimethylphenol	105-67-9	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
2,4-Dinitrophenol	51-28-5	CTDPH-PH-0840,NJDEP-CT005
2,4-Dinitrotoluene	121-14-2	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
2,6-Dinitrotoluene	606-20-2	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
2-Chloronaphthalene	91-58-7	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
2-Chlorophenol	95-57-8	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
2-Methylnaphthalene	91-57-6	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
2-Methylphenol	95-48-7	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
2-Nitroaniline	88-74-4	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440
2-Nitrophenol	88-75-5	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
3- & 4-Methylphenols	65794-96-9	CTDPH-PH-0840
3,3-Dichlorobenzidine	91-94-1	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440
3-Nitroaniline	99-09-2	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440
4,6-Dinitro-2-methylphenol	534-52-1	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
4-Bromophenyl phenyl ether	101-55-3	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
4-Chloro-3-methylphenol	59-50-7	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
4-Chloroaniline	106-47-8	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440
4-Chlorophenyl phenyl ether	7005-72-3	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
4-Nitroaniline	100-01-6	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440
4-Nitrophenol	100-02-7	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Acetophenone	98-86-2	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Benzaldehyde	100-52-7	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Benzyl butyl phthalate	85-68-7	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Bis(2-chloroethoxy)methane	111-91-1	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Bis(2-chloroethyl)ether	111-44-4	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Bis(2-chloroisopropyl)ether	108-60-1	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Caprolactam	105-60-2	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Carbazole	86-74-8	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440
Dibenzofuran	132-64-9	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Diethyl phthalate	84-66-2	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Dimethyl phthalate	131-11-3	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Di-n-butyl phthalate	84-74-2	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Di-n-octyl phthalate	117-84-0	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Hexachlorocyclopentadiene	77-47-4	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Isophorone	78-59-1	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
N-nitroso-di-n-propylamine	621-64-7	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
N-Nitrosodiphenylamine	86-30-6	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Phenol	108-95-2	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440
Pyridine	110-86-1	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8270E SIM in Water		
Acenaphthene	83-32-9	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Acenaphthylene	208-96-8	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Benzo(a)anthracene	56-55-3	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Benzo(a)pyrene	50-32-8	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Benzo(b)fluoranthene	205-99-2	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Benzo(g,h,i)perylene	191-24-2	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Benzo(k)fluoranthene	207-08-9	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Chrysene	218-01-9	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Dibenzo(a,h)anthracene	53-70-3	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Fluoranthene	206-44-0	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Fluorene	86-73-7	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Indeno(1,2,3-cd)pyrene	193-39-5	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Naphthalene	91-20-3	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Phenanthrene	85-01-8	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
Pyrene	129-00-0	NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005
SM 2540G in Soil		
% Solids	solids	CTDPH-PH-0840

List of Certifications

Code	Description	Number	Expires
CTDPH-PH-0840	CTDPH - Stratford	PH-0840	06/30/2027
NJDEP-CT005	NJDEP Certification - Stratford	CT005	06/30/2026
NYSDOH-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2026
NYSDOH-NY10854	NYSDOH NELAC/ELAP Program - Stratford	NY ELAP-10854	04/01/2026
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2026

Analytical Batch Summary

Batch ID: BB60246	Preparation Method: EPA 3015A	Prepared By: JWT
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-10	Field Blank	02/05/26
BB60246-BLK1	Blank	02/05/26
BB60246-BS1	LCS	02/05/26
BB60246-SRL1	Dilution Check	02/05/26

Batch ID: BB60248	Preparation Method: EPA 3546 PPCB	Prepared By: MT
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-04	26SB-2 (0-2)	02/05/26
26B0173-05	26SB-2 (7-9)	02/05/26
26B0173-07	26SB-4 (0-2)	02/05/26
26B0173-08	26SB-4 (5-7)	02/05/26
26B0173-11	Field Dup-020426	02/05/26
BB60248-BLK1	Blank	02/05/26
BB60248-BS2	LCS	02/05/26

Batch ID: BB60249	Preparation Method: EPA 3546 PPCB	Prepared By: MT
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-04	26SB-2 (0-2)	02/05/26
26B0173-04RE1	26SB-2 (0-2)	02/05/26
26B0173-05	26SB-2 (7-9)	02/05/26
26B0173-07	26SB-4 (0-2)	02/05/26
26B0173-08	26SB-4 (5-7)	02/05/26
26B0173-11	Field Dup-020426	02/05/26
BB60249-BLK1	Blank	02/05/26
BB60249-BS1	LCS	02/05/26

Batch ID: BB60254	Preparation Method: EPA 3550C	Prepared By: JAA
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-05	26SB-2 (7-9)	02/05/26
26B0173-06	26SB-2 (17-19)	02/05/26
26B0173-07	26SB-4 (0-2)	02/05/26
26B0173-08	26SB-4 (5-7)	02/05/26
26B0173-11	Field Dup-020426	02/05/26
BB60254-BLK1	Blank	02/05/26
BB60254-BS1	LCS	02/05/26

Batch ID: BB60257	Preparation Method: EPA 3510C	Prepared By: NERP
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-10	Field Blank	02/05/26
BB60257-BLK1	Blank	02/05/26
BB60257-BS1	LCS	02/05/26
BB60257-BSD1	LCS Dup	02/05/26

Batch ID: BB60259	Preparation Method: EPA SW846-7470A	Prepared By: DBT
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-10	Field Blank	02/05/26
BB60259-BLK1	Blank	02/05/26
BB60259-BS1	LCS	02/05/26

Batch ID: BB60260	Preparation Method: % Solids Prep	Prepared By: CAD
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-01	26SB-1 (0-2)	02/05/26
26B0173-02	26SB-1 (6-8)	02/05/26
26B0173-03	26SB-1 (15-17)	02/05/26
26B0173-04	26SB-2 (0-2)	02/05/26
26B0173-05	26SB-2 (7-9)	02/05/26
26B0173-06	26SB-2 (17-19)	02/05/26
26B0173-07	26SB-4 (0-2)	02/05/26
26B0173-08	26SB-4 (5-7)	02/05/26
26B0173-09	26SB-4 (17-19)	02/05/26
26B0173-11	Field Dup-020426	02/05/26
BB60260-DUP1	Duplicate	02/05/26

Batch ID: BB60263	Preparation Method: EPA 3510C	Prepared By: NERP
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-10	Field Blank	02/05/26
BB60263-BLK1	Blank	02/05/26
BB60263-BS2	LCS	02/05/26

Batch ID: BB60269	Preparation Method: EPA 3015A	Prepared By: JWT
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-10	Field Blank	02/05/26
BB60269-BLK1	Blank	02/05/26
BB60269-BS1	LCS	02/05/26
BB60269-BS2	LCS	02/05/26
BB60269-BS3	LCS	02/05/26
BB60269-BS4	LCS	02/05/26
BB60269-DUP1	Duplicate	02/05/26
BB60269-MS1	Matrix Spike	02/05/26
BB60269-SRL1	Dilution Check	02/05/26

Batch ID: BB60274	Preparation Method: EPA 3546 PPCB	Prepared By: RB
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-01	26SB-1 (0-2)	02/05/26
26B0173-02	26SB-1 (6-8)	02/05/26
26B0173-03	26SB-1 (15-17)	02/05/26
BB60274-BLK1	Blank	02/05/26
BB60274-BS2	LCS	02/05/26

Batch ID: BB60275	Preparation Method: EPA 3546 PPCB	Prepared By: RB
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-01	26SB-1 (0-2)	02/05/26
26B0173-02	26SB-1 (6-8)	02/05/26
26B0173-03	26SB-1 (15-17)	02/05/26
BB60275-BLK1	Blank	02/05/26
BB60275-BS1	LCS	02/05/26

Batch ID: BB60289	Preparation Method: EPA 3050B	Prepared By: KMQ
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-01	26SB-1 (0-2)	02/05/26
BB60289-BLK1	Blank	02/05/26
BB60289-SRL1	Dilution Check	02/05/26
BB60289-SRM1	Reference	02/05/26

Batch ID: BB60290	Preparation Method: EPA 3050B	Prepared By: KMQ
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-02	26SB-1 (6-8)	02/05/26
26B0173-03	26SB-1 (15-17)	02/05/26
26B0173-04	26SB-2 (0-2)	02/05/26
26B0173-05	26SB-2 (7-9)	02/05/26
26B0173-06	26SB-2 (17-19)	02/05/26
26B0173-07	26SB-4 (0-2)	02/05/26
26B0173-08	26SB-4 (5-7)	02/05/26
BB60290-BLK1	Blank	02/05/26
BB60290-SRL1	Dilution Check	02/05/26
BB60290-SRM1	Reference	02/05/26

Batch ID: BB60324	Preparation Method: EPA 1633 Prep	Prepared By: AC
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-10	Field Blank	02/06/26
BB60324-BLK1	Blank	02/06/26
BB60324-BS1	LCS	02/06/26
BB60324-BS2	LCS	02/06/26

Batch ID: BB60329	Preparation Method: EPA 7473 soil	Prepared By: LCB
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-01	26SB-1 (0-2)	02/06/26
26B0173-02	26SB-1 (6-8)	02/06/26
26B0173-03	26SB-1 (15-17)	02/06/26
26B0173-04	26SB-2 (0-2)	02/06/26
26B0173-05	26SB-2 (7-9)	02/06/26
26B0173-06	26SB-2 (17-19)	02/06/26
26B0173-07	26SB-4 (0-2)	02/06/26
BB60329-BLK1	Blank	02/06/26
BB60329-SRM1	Reference	02/06/26

Batch ID: BB60370	Preparation Method: EPA 3546 PPCB	Prepared By: MM
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-06	26SB-2 (17-19)	02/07/26
26B0173-09	26SB-4 (17-19)	02/07/26
BB60370-BLK1	Blank	02/07/26
BB60370-BS2	LCS	02/07/26
BB60370-MS2	Matrix Spike	02/07/26
BB60370-MSD2	Matrix Spike Dup	02/07/26

Batch ID: BB60371	Preparation Method: EPA 3546 PPCB	Prepared By: MM
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-06	26SB-2 (17-19)	02/07/26
26B0173-09	26SB-4 (17-19)	02/07/26
BB60371-BLK1	Blank	02/07/26
BB60371-BS1	LCS	02/07/26
BB60371-MS1	Matrix Spike	02/07/26
BB60371-MSD1	Matrix Spike Dup	02/07/26

Batch ID: BB60374	Preparation Method: EPA SW846-3510C Low Level	Prepared By: AM2
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-10	Field Blank	02/07/26
BB60374-BLK2	Blank	02/07/26
BB60374-BS2	LCS	02/07/26
BB60374-BSD2	LCS Dup	02/07/26

Batch ID: BB60375	Preparation Method: EPA SW846-3510C Low Level	Prepared By: AM2
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-10	Field Blank	02/07/26
BB60375-BLK1	Blank	02/07/26
BB60375-BS1	LCS	02/07/26

Batch ID: BB60394	Preparation Method: EPA 3050B	Prepared By: KMQ
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-09	26SB-4 (17-19)	02/08/26
26B0173-11	Field Dup-020426	02/08/26
BB60394-BLK1	Blank	02/08/26
BB60394-DUP1	Duplicate	02/08/26
BB60394-MS1	Matrix Spike	02/08/26
BB60394-PS1	Post Spike	02/08/26
BB60394-SRL1	Dilution Check	02/08/26
BB60394-SRM1	Reference	02/08/26

Batch ID: BB60410	Preparation Method: EPA 1633 Prep	Prepared By: RC
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-01	26SB-1 (0-2)	02/09/26
26B0173-02	26SB-1 (6-8)	02/09/26
26B0173-03	26SB-1 (15-17)	02/09/26
26B0173-04	26SB-2 (0-2)	02/09/26
26B0173-05	26SB-2 (7-9)	02/09/26
26B0173-06	26SB-2 (17-19)	02/09/26
26B0173-07	26SB-4 (0-2)	02/09/26
26B0173-08	26SB-4 (5-7)	02/09/26
26B0173-11	Field Dup-020426	02/09/26
BB60410-BLK1	Blank	02/09/26
BB60410-BS1	LCS	02/09/26
BB60410-BS2	LCS	02/09/26

Batch ID: BB60413	Preparation Method: EPA 7473 soil	Prepared By: LCB
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-08	26SB-4 (5-7)	02/09/26
26B0173-09	26SB-4 (17-19)	02/09/26
26B0173-11	Field Dup-020426	02/09/26
BB60413-BLK1	Blank	02/09/26
BB60413-DUP1	Duplicate	02/09/26
BB60413-MS1	Matrix Spike	02/09/26
BB60413-SRM1	Reference	02/09/26

Batch ID: BB60440	Preparation Method: EPA 3545A	Prepared By: RB
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-01	26SB-1 (0-2)	02/09/26
26B0173-02	26SB-1 (6-8)	02/09/26
26B0173-03	26SB-1 (15-17)	02/09/26
26B0173-04	26SB-2 (0-2)	02/09/26
26B0173-09	26SB-4 (17-19)	02/09/26
BB60440-BLK1	Blank	02/09/26
BB60440-BS1	LCS	02/09/26
BB60440-MS1	Matrix Spike	02/09/26
BB60440-MSD1	Matrix Spike Dup	02/09/26

Batch ID: BB60461	Preparation Method: EPA 5035A	Prepared By: PRS
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-01	26SB-1 (0-2)	02/09/26
26B0173-02	26SB-1 (6-8)	02/09/26
26B0173-03	26SB-1 (15-17)	02/09/26
26B0173-04	26SB-2 (0-2)	02/09/26
26B0173-05	26SB-2 (7-9)	02/09/26
26B0173-06	26SB-2 (17-19)	02/09/26
BB60461-BLK1	Blank	02/09/26
BB60461-BS1	LCS	02/09/26
BB60461-BSD1	LCS Dup	02/09/26

Batch ID: BB60462	Preparation Method: EPA 1633 Prep	Prepared By: RC
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-09	26SB-4 (17-19)	02/10/26
BB60462-BLK1	Blank	02/10/26
BB60462-BS1	LCS	02/10/26
BB60462-BS2	LCS	02/10/26
BB60462-MS1	Matrix Spike	02/10/26
BB60462-MSD1	Matrix Spike Dup	02/10/26

Batch ID: BB60463	Preparation Method: EPA 5035A	Prepared By: PRS
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-07	26SB-4 (0-2)	02/09/26
26B0173-08	26SB-4 (5-7)	02/09/26
BB60463-BLK1	Blank	02/09/26
BB60463-BS1	LCS	02/09/26
BB60463-BSD1	LCS Dup	02/09/26

Batch ID: BB60551	Preparation Method: EPA 5030B	Prepared By: THD
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-10	Field Blank	02/10/26
26B0173-12	Trip Blank	02/10/26
BB60551-BLK1	Blank	02/10/26
BB60551-BS1	LCS	02/10/26
BB60551-BSD1	LCS Dup	02/10/26

Batch ID: BB60583	Preparation Method: EPA 5035A	Prepared By: me
Sample ID	**Client Sample ID**	**Preparation Date**
26B0173-09	26SB-4 (17-19)	02/11/26
26B0173-11	Field Dup-020426	02/11/26
BB60583-BLK1	Blank	02/11/26
BB60583-BS1	LCS	02/11/26
BB60583-BSD1	LCS Dup	02/11/26
BB60583-MS1	Matrix Spike	02/11/26
BB60583-MSD1	Matrix Spike Dup	02/11/26

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60461 - EPA 5035A											
Blank (BB60461-BLK1)								Prepared & Analyzed: 02/09/2026			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1,2-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1-Dichloroethylene	ND	0.0050	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,2,3-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,2,3-Trichloropropane	ND	0.0050	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,2,4-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,2-Dibromo-3-chloropropane	ND	0.0050	mg/kg wet								
1,2-Dibromoethane	ND	0.0050	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,2-Dichloroethane	ND	0.0050	mg/kg wet								
1,2-Dichloropropane	ND	0.0050	mg/kg wet								
1,3,5-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet								
2-Butanone	ND	0.0050	mg/kg wet								
2-Hexanone	ND	0.0050	mg/kg wet								
4-Methyl-2-pentanone	ND	0.0050	mg/kg wet								
Acetone	0.014	0.010	mg/kg wet								
Acrolein	ND	0.010	mg/kg wet								
Acrylonitrile	ND	0.0050	mg/kg wet								
Benzene	ND	0.0050	mg/kg wet								
Bromochloromethane	ND	0.0050	mg/kg wet								
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	mg/kg wet								
Carbon disulfide	ND	0.0050	mg/kg wet								
Carbon tetrachloride	ND	0.0050	mg/kg wet								
Chlorobenzene	ND	0.0050	mg/kg wet								
Chloroethane	ND	0.0050	mg/kg wet								
Chloroform	ND	0.0050	mg/kg wet								
Chloromethane	ND	0.0050	mg/kg wet								
cis-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
cis-1,3-Dichloropropylene	ND	0.0050	mg/kg wet								
Cyclohexane	ND	0.0050	mg/kg wet								
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	mg/kg wet								
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Ethyl Benzene	ND	0.0050	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	mg/kg wet								

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60461 - EPA 5035A											
Blank (BB60461-BLK1)						Prepared & Analyzed: 02/09/2026					
Methyl acetate	ND	0.0050	mg/kg wet								
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/kg wet								
Methylcyclohexane	ND	0.0050	mg/kg wet								
Methylene chloride	0.0068	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	mg/kg wet								
p- & m- Xylenes	ND	0.010	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
p-Isopropyltoluene	ND	0.0050	mg/kg wet								
sec-Butylbenzene	ND	0.0050	mg/kg wet								
Styrene	ND	0.0050	mg/kg wet								
tert-Butyl alcohol (TBA)	ND	0.025	mg/kg wet								
tert-Butylbenzene	ND	0.0050	mg/kg wet								
Tetrachloroethylene	ND	0.0050	mg/kg wet								
Toluene	ND	0.0050	mg/kg wet								
trans-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
trans-1,3-Dichloropropylene	ND	0.0050	mg/kg wet								
Trichloroethylene	ND	0.0050	mg/kg wet								
Trichlorofluoromethane	ND	0.0050	mg/kg wet								
Vinyl Chloride	ND	0.0050	mg/kg wet								
Xylenes, Total	ND	0.015	mg/kg wet								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*ug/L*	*50.0*		*99.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.3*		*ug/L*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.5*		*ug/L*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60461 - EPA 5035A											
LCS (BB60461-BS1)							Prepared & Analyzed: 02/09/2026				
1,1,1,2-Tetrachloroethane	51.0		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	49.6		ug/L	50.0		99.1	71-137				
1,1,2,2-Tetrachloroethane	48.8		ug/L	50.0		97.6	79-129				
1,2,4-Trichlorobenzene	49.9		ug/L	50.0		99.9	80-141				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.9		ug/L	50.0		95.9	58-146				
1,2-Dichlorobenzene	47.6		ug/L	50.0		95.2	85-122				
1,1,2-Trichloroethane	50.9		ug/L	50.0		102	83-123				
1,1-Dichloroethane	49.0		ug/L	50.0		97.9	75-130				
1,3-Dichlorobenzene	50.2		ug/L	50.0		100	84-124				
1,1-Dichloroethylene	50.0		ug/L	50.0		100	64-137				
1,4-Dichlorobenzene	49.0		ug/L	50.0		98.1	84-124				
1,2,3-Trichlorobenzene	51.1		ug/L	50.0		102	81-140				
1,2,3-Trichloropropane	49.3		ug/L	50.0		98.7	81-126				
1,2,4-Trichlorobenzene	49.9		ug/L	50.0		99.9	80-141				
1,2,4-Trimethylbenzene	48.1		ug/L	50.0		96.1	84-125				
1,2-Dibromo-3-chloropropane	43.5		ug/L	50.0		87.0	74-142				
1,2-Dibromoethane	52.0		ug/L	50.0		104	86-123				
1,2-Dichlorobenzene	47.6		ug/L	50.0		95.2	85-122				
1,2-Dichloroethane	48.3		ug/L	50.0		96.6	71-133				
1,2-Dichloropropane	47.9		ug/L	50.0		95.8	81-122				
1,3,5-Trimethylbenzene	49.2		ug/L	50.0		98.5	82-126				
1,3-Dichlorobenzene	50.2		ug/L	50.0		100	84-124				
1,4-Dichlorobenzene	49.0		ug/L	50.0		98.1	84-124				
2-Butanone	51.4		ug/L	50.0		103	58-147				
2-Hexanone	52.5		ug/L	50.0		105	70-139				
4-Methyl-2-pentanone	52.0		ug/L	50.0		104	72-132				
Acetone	55.7		ug/L	50.0		111	36-155				
Acrolein	163		ug/L	200		81.6	10-238				
Acrylonitrile	51.9		ug/L	50.0		104	66-141				
Benzene	49.5		ug/L	50.0		99.0	77-127				
Bromochloromethane	50.2		ug/L	50.0		100	74-129				
Bromodichloromethane	49.8		ug/L	50.0		99.5	81-124				
Bromoform	48.2		ug/L	50.0		96.5	80-136				
Bromomethane	56.6		ug/L	50.0		113	32-177				
Carbon disulfide	49.9		ug/L	50.0		99.8	10-136				
Carbon tetrachloride	53.0		ug/L	50.0		106	66-143				
Chlorobenzene	49.9		ug/L	50.0		99.8	86-120				
Chloroethane	67.3		ug/L	50.0		135	51-142				
Chloroform	49.0		ug/L	50.0		97.9	76-131				
Chloromethane	48.8		ug/L	50.0		97.6	49-132				
cis-1,2-Dichloroethylene	50.1		ug/L	50.0		100	74-132				
cis-1,3-Dichloropropylene	48.2		ug/L	50.0		96.4	81-129				
Cyclohexane	48.1		ug/L	50.0		96.2	70-130				
Dibromochloromethane	50.4		ug/L	50.0		101	10-200				
Dibromomethane	51.8		ug/L	50.0		104	83-124				
Dichlorodifluoromethane	47.9		ug/L	50.0		95.8	28-158				
Ethyl Benzene	49.8		ug/L	50.0		99.7	84-125				
Hexachlorobutadiene	46.9		ug/L	50.0		93.8	83-133				
Isopropylbenzene	50.9		ug/L	50.0		102	81-127				
Methyl acetate	48.8		ug/L	50.0		97.5	41-143				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60461 - EPA 5035A											
LCS (BB60461-BS1)							Prepared & Analyzed: 02/09/2026				
Methyl tert-butyl ether (MTBE)	46.0		ug/L	50.0		91.9	74-131				
Methylcyclohexane	47.8		ug/L	50.0		95.5	70-130				
Methylene chloride	54.6		ug/L	50.0		109	57-141				
n-Butylbenzene	49.0		ug/L	50.0		97.9	80-130				
n-Propylbenzene	50.6		ug/L	50.0		101	74-136				
o-Xylene	50.3		ug/L	50.0		101	83-123				
p- & m- Xylenes	101		ug/L	100		101	82-128				
Hexachlorobutadiene	46.9		ug/L	50.0		93.8	83-133				
p-Isopropyltoluene	49.7		ug/L	50.0		99.4	85-125				
sec-Butylbenzene	50.8		ug/L	50.0		102	83-125				
Styrene	50.8		ug/L	50.0		102	86-126				
tert-Butyl alcohol (TBA)	230		ug/L	250		92.2	70-130				
tert-Butylbenzene	50.2		ug/L	50.0		100	80-127				
Tetrachloroethylene	48.4		ug/L	50.0		96.9	80-129				
Toluene	50.3		ug/L	50.0		101	85-121				
trans-1,2-Dichloroethylene	48.2		ug/L	50.0		96.3	72-132				
trans-1,3-Dichloropropylene	47.4		ug/L	50.0		94.8	78-132				
Trichloroethylene	49.1		ug/L	50.0		98.1	84-123				
Trichlorofluoromethane	50.1		ug/L	50.0		100	62-140				
Vinyl Chloride	51.0		ug/L	50.0		102	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*ug/L*	*50.0*		*97.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.7*		*ug/L*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*ug/L*	*50.0*		*98.9*	*76-130*				
LCS Dup (BB60461-BSD1)							Prepared & Analyzed: 02/09/2026				
1,1,1,2-Tetrachloroethane	49.7		ug/L	50.0		99.3	75-129		2.58	30	
1,1,1-Trichloroethane	48.6		ug/L	50.0		97.3	71-137		1.89	30	
1,1,2,2-Tetrachloroethane	47.4		ug/L	50.0		94.9	79-129		2.83	30	
1,2,4-Trichlorobenzene	46.8		ug/L	50.0		93.5	80-141		6.58	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.6		ug/L	50.0		93.2	58-146		2.88	30	
1,2-Dichlorobenzene	45.6		ug/L	50.0		91.3	85-122		4.22	30	
1,1,2-Trichloroethane	49.4		ug/L	50.0		98.7	83-123		3.13	30	
1,1-Dichloroethane	48.3		ug/L	50.0		96.5	75-130		1.40	30	
1,3-Dichlorobenzene	48.2		ug/L	50.0		96.4	84-124		4.07	30	
1,1-Dichloroethylene	48.8		ug/L	50.0		97.6	64-137		2.39	30	
1,4-Dichlorobenzene	47.4		ug/L	50.0		94.7	84-124		3.51	30	
1,2,3-Trichlorobenzene	48.0		ug/L	50.0		96.0	81-140		6.26	30	
1,2,3-Trichloropropane	48.8		ug/L	50.0		97.5	81-126		1.16	30	
1,2,4-Trichlorobenzene	46.8		ug/L	50.0		93.5	80-141		6.58	30	
1,2,4-Trimethylbenzene	46.1		ug/L	50.0		92.1	84-125		4.25	30	
1,2-Dibromo-3-chloropropane	41.6		ug/L	50.0		83.3	74-142		4.32	30	
1,2-Dibromoethane	50.8		ug/L	50.0		102	86-123		2.28	30	
1,2-Dichlorobenzene	45.6		ug/L	50.0		91.3	85-122		4.22	30	
1,2-Dichloroethane	47.5		ug/L	50.0		95.1	71-133		1.61	30	
1,2-Dichloropropane	46.5		ug/L	50.0		93.0	81-122		3.01	30	
1,3,5-Trimethylbenzene	47.6		ug/L	50.0		95.2	82-126		3.35	30	
1,3-Dichlorobenzene	48.2		ug/L	50.0		96.4	84-124		4.07	30	
1,4-Dichlorobenzene	47.4		ug/L	50.0		94.7	84-124		3.51	30	
2-Butanone	48.4		ug/L	50.0		96.8	58-147		6.11	30	
2-Hexanone	51.2		ug/L	50.0		102	70-139		2.47	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60461 - EPA 5035A											
LCS Dup (BB60461-BSD1)							Prepared & Analyzed: 02/09/2026				
4-Methyl-2-pentanone	51.0		ug/L	50.0		102	72-132		2.00	30	
Acetone	55.8		ug/L	50.0		112	36-155		0.144	30	
Acrolein	160		ug/L	200		79.8	10-238		2.32	30	
Acrylonitrile	50.3		ug/L	50.0		101	66-141		3.11	30	
Benzene	48.3		ug/L	50.0		96.6	77-127		2.50	30	
Bromochloromethane	49.0		ug/L	50.0		98.1	74-129		2.42	30	
Bromodichloromethane	48.2		ug/L	50.0		96.4	81-124		3.23	30	
Bromoform	46.9		ug/L	50.0		93.7	80-136		2.88	30	
Bromomethane	56.0		ug/L	50.0		112	32-177		0.924	30	
Carbon disulfide	49.0		ug/L	50.0		97.9	10-136		1.88	30	
Carbon tetrachloride	51.6		ug/L	50.0		103	66-143		2.56	30	
Chlorobenzene	48.5		ug/L	50.0		96.9	86-120		2.87	30	
Chloroethane	65.8		ug/L	50.0		132	51-142		2.34	30	
Chloroform	47.9		ug/L	50.0		95.8	76-131		2.21	30	
Chloromethane	47.3		ug/L	50.0		94.5	49-132		3.19	30	
cis-1,2-Dichloroethylene	48.4		ug/L	50.0		96.8	74-132		3.47	30	
cis-1,3-Dichloropropylene	46.8		ug/L	50.0		93.7	81-129		2.90	30	
Cyclohexane	46.8		ug/L	50.0		93.5	70-130		2.81	30	
Dibromochloromethane	48.5		ug/L	50.0		97.0	10-200		3.70	30	
Dibromomethane	50.3		ug/L	50.0		101	83-124		2.90	30	
Dichlorodifluoromethane	46.4		ug/L	50.0		92.7	28-158		3.29	30	
Ethyl Benzene	48.0		ug/L	50.0		95.9	84-125		3.82	30	
Hexachlorobutadiene	43.4		ug/L	50.0		86.9	83-133		7.70	30	
Isopropylbenzene	49.3		ug/L	50.0		98.7	81-127		3.13	30	
Methyl acetate	48.4		ug/L	50.0		96.8	41-143		0.741	30	
Methyl tert-butyl ether (MTBE)	45.0		ug/L	50.0		89.9	74-131		2.20	30	
Methylcyclohexane	46.2		ug/L	50.0		92.3	70-130		3.43	30	
Methylene chloride	53.0		ug/L	50.0		106	57-141		3.12	30	
n-Butylbenzene	46.2		ug/L	50.0		92.4	80-130		5.76	30	
n-Propylbenzene	48.7		ug/L	50.0		97.4	74-136		3.89	30	
o-Xylene	48.8		ug/L	50.0		97.6	83-123		3.05	30	
p- & m- Xylenes	96.7		ug/L	100		96.7	82-128		4.41	30	
Hexachlorobutadiene	43.4		ug/L	50.0		86.9	83-133		7.70	30	
p-Isopropyltoluene	47.6		ug/L	50.0		95.3	85-125		4.29	30	
sec-Butylbenzene	48.7		ug/L	50.0		97.5	83-125		4.04	30	
Styrene	49.1		ug/L	50.0		98.1	86-126		3.50	30	
tert-Butyl alcohol (TBA)	233		ug/L	250		93.2	70-130		1.07	30	
tert-Butylbenzene	48.5		ug/L	50.0		96.9	80-127		3.41	30	
Tetrachloroethylene	47.2		ug/L	50.0		94.4	80-129		2.57	30	
Toluene	48.8		ug/L	50.0		97.7	85-121		2.91	30	
trans-1,2-Dichloroethylene	47.0		ug/L	50.0		94.0	72-132		2.44	30	
trans-1,3-Dichloropropylene	45.6		ug/L	50.0		91.2	78-132		3.87	30	
Trichloroethylene	47.7		ug/L	50.0		95.4	84-123		2.79	30	
Trichlorofluoromethane	48.9		ug/L	50.0		97.7	62-140		2.55	30	
Vinyl Chloride	49.8		ug/L	50.0		99.6	52-130		2.46	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*ug/L*	*50.0*		*98.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*ug/L*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*ug/L*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60463 - EPA 5035A											
Blank (BB60463-BLK1)								Prepared & Analyzed: 02/09/2026			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1,2-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1-Dichloroethylene	ND	0.0050	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,2,3-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,2,3-Trichloropropane	ND	0.0050	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,2,4-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,2-Dibromo-3-chloropropane	ND	0.0050	mg/kg wet								
1,2-Dibromoethane	ND	0.0050	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,2-Dichloroethane	ND	0.0050	mg/kg wet								
1,2-Dichloropropane	ND	0.0050	mg/kg wet								
1,3,5-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet								
2-Butanone	ND	0.0050	mg/kg wet								
2-Hexanone	ND	0.0050	mg/kg wet								
4-Methyl-2-pentanone	ND	0.0050	mg/kg wet								
Acetone	0.011	0.010	mg/kg wet								
Acrolein	ND	0.010	mg/kg wet								
Acrylonitrile	ND	0.0050	mg/kg wet								
Benzene	ND	0.0050	mg/kg wet								
Bromochloromethane	ND	0.0050	mg/kg wet								
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	mg/kg wet								
Carbon disulfide	ND	0.0050	mg/kg wet								
Carbon tetrachloride	ND	0.0050	mg/kg wet								
Chlorobenzene	ND	0.0050	mg/kg wet								
Chloroethane	ND	0.0050	mg/kg wet								
Chloroform	ND	0.0050	mg/kg wet								
Chloromethane	ND	0.0050	mg/kg wet								
cis-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
cis-1,3-Dichloropropylene	ND	0.0050	mg/kg wet								
Cyclohexane	ND	0.0050	mg/kg wet								
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	mg/kg wet								
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Ethyl Benzene	ND	0.0050	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	mg/kg wet								

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60463 - EPA 5035A											
Blank (BB60463-BLK1)								Prepared & Analyzed: 02/09/2026			
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/kg wet								
Methylcyclohexane	ND	0.0050	mg/kg wet								
Methylene chloride	0.0087	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	mg/kg wet								
p- & m- Xylenes	ND	0.010	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
p-Isopropyltoluene	ND	0.0050	mg/kg wet								
sec-Butylbenzene	ND	0.0050	mg/kg wet								
Styrene	ND	0.0050	mg/kg wet								
tert-Butyl alcohol (TBA)	ND	0.025	mg/kg wet								
tert-Butylbenzene	ND	0.0050	mg/kg wet								
Tetrachloroethylene	ND	0.0050	mg/kg wet								
Toluene	ND	0.0050	mg/kg wet								
trans-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
trans-1,3-Dichloropropylene	ND	0.0050	mg/kg wet								
Trichloroethylene	ND	0.0050	mg/kg wet								
Trichlorofluoromethane	ND	0.0050	mg/kg wet								
Vinyl Chloride	ND	0.0050	mg/kg wet								
Xylenes, Total	ND	0.015	mg/kg wet								
Surrogate: SURR: 1,2-Dichloroethane-d4	*60.0*		*ug/L*	*50.0*		*120*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.0*		*ug/L*	*50.0*		*92.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*ug/L*	*50.0*		*98.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60463 - EPA 5035A											
LCS (BB60463-BS1)							Prepared & Analyzed: 02/09/2026				
1,1,1,2-Tetrachloroethane	44.2		ug/L	50.0		88.5	75-129				
1,1,1-Trichloroethane	56.8		ug/L	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	44.8		ug/L	50.0		89.5	79-129				
1,2,4-Trichlorobenzene	44.4		ug/L	50.0		88.8	80-141				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	66.4		ug/L	50.0		133	58-146				
1,2-Dichlorobenzene	45.5		ug/L	50.0		91.0	85-122				
1,1,2-Trichloroethane	43.8		ug/L	50.0		87.6	83-123				
1,1-Dichloroethane	54.4		ug/L	50.0		109	75-130				
1,3-Dichlorobenzene	46.7		ug/L	50.0		93.4	84-124				
1,1-Dichloroethylene	58.9		ug/L	50.0		118	64-137				
1,4-Dichlorobenzene	46.5		ug/L	50.0		92.9	84-124				
1,2,3-Trichlorobenzene	44.4		ug/L	50.0		88.8	81-140				
1,2,3-Trichloropropane	45.0		ug/L	50.0		89.9	81-126				
1,2,4-Trichlorobenzene	44.4		ug/L	50.0		88.8	80-141				
1,2,4-Trimethylbenzene	46.2		ug/L	50.0		92.4	84-125				
1,2-Dibromo-3-chloropropane	44.6		ug/L	50.0		89.2	74-142				
1,2-Dibromoethane	43.8		ug/L	50.0		87.6	86-123				
1,2-Dichlorobenzene	45.5		ug/L	50.0		91.0	85-122				
1,2-Dichloroethane	58.8		ug/L	50.0		118	71-133				
1,2-Dichloropropane	41.8		ug/L	50.0		83.6	81-122				
1,3,5-Trimethylbenzene	47.0		ug/L	50.0		94.0	82-126				
1,3-Dichlorobenzene	46.7		ug/L	50.0		93.4	84-124				
1,4-Dichlorobenzene	46.5		ug/L	50.0		92.9	84-124				
2-Butanone	55.4		ug/L	50.0		111	58-147				
2-Hexanone	44.2		ug/L	50.0		88.5	70-139				
4-Methyl-2-pentanone	44.6		ug/L	50.0		89.1	72-132				
Acetone	69.2		ug/L	50.0		138	36-155				
Acrolein	176		ug/L	200		88.0	10-238				
Acrylonitrile	60.7		ug/L	50.0		121	66-141				
Benzene	56.3		ug/L	50.0		113	77-127				
Bromochloromethane	60.4		ug/L	50.0		121	74-129				
Bromodichloromethane	45.1		ug/L	50.0		90.2	81-124				
Bromoform	46.0		ug/L	50.0		91.9	80-136				
Bromomethane	58.3		ug/L	50.0		117	32-177				
Carbon disulfide	66.0		ug/L	50.0		132	10-136				
Carbon tetrachloride	59.5		ug/L	50.0		119	66-143				
Chlorobenzene	45.7		ug/L	50.0		91.5	86-120				
Chloroethane	75.8		ug/L	50.0		152	51-142	High Bias			
Chloroform	57.5		ug/L	50.0		115	76-131				
Chloromethane	34.9		ug/L	50.0		69.7	49-132				
cis-1,2-Dichloroethylene	57.1		ug/L	50.0		114	74-132				
cis-1,3-Dichloropropylene	43.9		ug/L	50.0		87.8	81-129				
Cyclohexane	53.0		ug/L	50.0		106	70-130				
Dibromochloromethane	45.1		ug/L	50.0		90.2	10-200				
Dibromomethane	43.9		ug/L	50.0		87.8	83-124				
Dichlorodifluoromethane	12.0		ug/L	50.0		24.1	28-158	Low Bias			
Ethyl Benzene	46.4		ug/L	50.0		92.8	84-125				
Hexachlorobutadiene	46.5		ug/L	50.0		93.1	83-133				
Isopropylbenzene	45.2		ug/L	50.0		90.3	81-127				
Methyl acetate	79.3		ug/L	50.0		159	41-143	High Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60463 - EPA 5035A											
LCS (BB60463-BS1)							Prepared & Analyzed: 02/09/2026				
Methyl tert-butyl ether (MTBE)	60.8		ug/L	50.0		122	74-131				
Methylcyclohexane	40.0		ug/L	50.0		80.1	70-130				
Methylene chloride	63.7		ug/L	50.0		127	57-141				
n-Butylbenzene	40.2		ug/L	50.0		80.3	80-130				
n-Propylbenzene	47.0		ug/L	50.0		94.0	74-136				
o-Xylene	45.3		ug/L	50.0		90.6	83-123				
p- & m- Xylenes	96.1		ug/L	100		96.1	82-128				
Hexachlorobutadiene	46.5		ug/L	50.0		93.1	83-133				
p-Isopropyltoluene	49.0		ug/L	50.0		98.0	85-125				
sec-Butylbenzene	46.2		ug/L	50.0		92.4	83-125				
Styrene	43.9		ug/L	50.0		87.9	86-126				
tert-Butyl alcohol (TBA)	234		ug/L	250		93.4	70-130				
tert-Butylbenzene	40.0		ug/L	50.0		80.0	80-127				
Tetrachloroethylene	35.8		ug/L	50.0		71.6	80-129	Low Bias			
Toluene	44.4		ug/L	50.0		88.7	85-121				
trans-1,2-Dichloroethylene	67.0		ug/L	50.0		134	72-132	High Bias			
trans-1,3-Dichloropropylene	45.7		ug/L	50.0		91.4	78-132				
Trichloroethylene	44.4		ug/L	50.0		88.7	84-123				
Trichlorofluoromethane	63.5		ug/L	50.0		127	62-140				
Vinyl Chloride	44.6		ug/L	50.0		89.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*57.8*		*ug/L*	*50.0*		*116*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.0*		*ug/L*	*50.0*		*91.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*ug/L*	*50.0*		*97.6*	*76-130*				
LCS Dup (BB60463-BSD1)							Prepared & Analyzed: 02/09/2026				
1,1,1,2-Tetrachloroethane	46.1		ug/L	50.0		92.2	75-129		4.07	30	
1,1,1-Trichloroethane	59.1		ug/L	50.0		118	71-137		3.92	30	
1,1,2,2-Tetrachloroethane	45.8		ug/L	50.0		91.5	79-129		2.23	30	
1,2,4-Trichlorobenzene	45.6		ug/L	50.0		91.1	80-141		2.65	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	67.9		ug/L	50.0		136	58-146		2.29	30	
1,2-Dichlorobenzene	46.9		ug/L	50.0		93.9	85-122		3.09	30	
1,1,2-Trichloroethane	45.3		ug/L	50.0		90.6	83-123		3.37	30	
1,1-Dichloroethane	56.5		ug/L	50.0		113	75-130		3.84	30	
1,3-Dichlorobenzene	47.3		ug/L	50.0		94.5	84-124		1.19	30	
1,1-Dichloroethylene	60.8		ug/L	50.0		122	64-137		3.12	30	
1,4-Dichlorobenzene	47.5		ug/L	50.0		95.0	84-124		2.23	30	
1,2,3-Trichlorobenzene	45.6		ug/L	50.0		91.1	81-140		2.65	30	
1,2,3-Trichloropropane	45.7		ug/L	50.0		91.5	81-126		1.72	30	
1,2,4-Trichlorobenzene	45.6		ug/L	50.0		91.1	80-141		2.65	30	
1,2,4-Trimethylbenzene	47.1		ug/L	50.0		94.2	84-125		1.91	30	
1,2-Dibromo-3-chloropropane	45.5		ug/L	50.0		91.0	74-142		2.00	30	
1,2-Dibromoethane	45.7		ug/L	50.0		91.3	86-123		4.20	30	
1,2-Dichlorobenzene	46.9		ug/L	50.0		93.9	85-122		3.09	30	
1,2-Dichloroethane	60.6		ug/L	50.0		121	71-133		3.17	30	
1,2-Dichloropropane	43.4		ug/L	50.0		86.9	81-122		3.80	30	
1,3,5-Trimethylbenzene	47.8		ug/L	50.0		95.7	82-126		1.73	30	
1,3-Dichlorobenzene	47.3		ug/L	50.0		94.5	84-124		1.19	30	
1,4-Dichlorobenzene	47.5		ug/L	50.0		95.0	84-124		2.23	30	
2-Butanone	57.5		ug/L	50.0		115	58-147		3.65	30	
2-Hexanone	45.6		ug/L	50.0		91.1	70-139		2.94	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60463 - EPA 5035A											
LCS Dup (BB60463-BSD1)								Prepared & Analyzed: 02/09/2026			
4-Methyl-2-pentanone	46.9		ug/L	50.0		93.8	72-132		5.16	30	
Acetone	73.8		ug/L	50.0		148	36-155		6.52	30	
Acrolein	178		ug/L	200		89.2	10-238		1.31	30	
Acrylonitrile	61.8		ug/L	50.0		124	66-141		1.76	30	
Benzene	58.6		ug/L	50.0		117	77-127		4.07	30	
Bromochloromethane	62.7		ug/L	50.0		125	74-129		3.70	30	
Bromodichloromethane	46.5		ug/L	50.0		93.0	81-124		3.10	30	
Bromoform	47.3		ug/L	50.0		94.5	80-136		2.79	30	
Bromomethane	60.7		ug/L	50.0		121	32-177		4.05	30	
Carbon disulfide	67.7		ug/L	50.0		135	10-136		2.56	30	
Carbon tetrachloride	62.1		ug/L	50.0		124	66-143		4.19	30	
Chlorobenzene	47.4		ug/L	50.0		94.8	86-120		3.57	30	
Chloroethane	78.0		ug/L	50.0		156	51-142	High Bias	2.93	30	
Chloroform	59.6		ug/L	50.0		119	76-131		3.55	30	
Chloromethane	35.9		ug/L	50.0		71.7	49-132		2.80	30	
cis-1,2-Dichloroethylene	60.0		ug/L	50.0		120	74-132		4.98	30	
cis-1,3-Dichloropropylene	45.9		ug/L	50.0		91.8	81-129		4.46	30	
Cyclohexane	55.4		ug/L	50.0		111	70-130		4.52	30	
Dibromochloromethane	46.8		ug/L	50.0		93.6	10-200		3.70	30	
Dibromomethane	45.4		ug/L	50.0		90.8	83-124		3.36	30	
Dichlorodifluoromethane	12.5		ug/L	50.0		25.0	28-158	Low Bias	3.67	30	
Ethyl Benzene	47.6		ug/L	50.0		95.2	84-125		2.60	30	
Hexachlorobutadiene	47.2		ug/L	50.0		94.5	83-133		1.54	30	
Isopropylbenzene	46.1		ug/L	50.0		92.2	81-127		2.08	30	
Methyl acetate	78.6		ug/L	50.0		157	41-143	High Bias	0.785	30	
Methyl tert-butyl ether (MTBE)	63.8		ug/L	50.0		128	74-131		4.76	30	
Methylcyclohexane	41.3		ug/L	50.0		82.7	70-130		3.15	30	
Methylene chloride	67.2		ug/L	50.0		134	57-141		5.23	30	
n-Butylbenzene	40.7		ug/L	50.0		81.3	80-130		1.26	30	
n-Propylbenzene	48.0		ug/L	50.0		96.0	74-136		2.10	30	
o-Xylene	46.9		ug/L	50.0		93.8	83-123		3.43	30	
p- & m- Xylenes	98.4		ug/L	100		98.4	82-128		2.37	30	
Hexachlorobutadiene	47.2		ug/L	50.0		94.5	83-133		1.54	30	
p-Isopropyltoluene	50.2		ug/L	50.0		100	85-125		2.40	30	
sec-Butylbenzene	47.0		ug/L	50.0		94.1	83-125		1.82	30	
Styrene	45.7		ug/L	50.0		91.3	86-126		3.84	30	
tert-Butyl alcohol (TBA)	243		ug/L	250		97.1	70-130		3.84	30	
tert-Butylbenzene	41.0		ug/L	50.0		81.9	80-127		2.35	30	
Tetrachloroethylene	36.5		ug/L	50.0		73.0	80-129	Low Bias	1.96	30	
Toluene	45.8		ug/L	50.0		91.6	85-121		3.15	30	
trans-1,2-Dichloroethylene	68.3		ug/L	50.0		137	72-132	High Bias	1.92	30	
trans-1,3-Dichloropropylene	47.2		ug/L	50.0		94.5	78-132		3.34	30	
Trichloroethylene	45.7		ug/L	50.0		91.4	84-123		2.95	30	
Trichlorofluoromethane	64.9		ug/L	50.0		130	62-140		2.24	30	
Vinyl Chloride	45.6		ug/L	50.0		91.3	52-130		2.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*58.2*		*ug/L*	*50.0*		*116*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.9*		*ug/L*	*50.0*		*91.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*ug/L*	*50.0*		*97.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60551 - EPA 5030B											
Blank (BB60551-BLK1)								Prepared & Analyzed: 02/10/2026			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.500	ug/L								
1,2,4-Trichlorobenzene	ND	0.500	ug/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	ug/L								
1,2-Dichlorobenzene	ND	0.500	ug/L								
1,1,2-Trichloroethane	ND	0.500	ug/L								
1,1-Dichloroethane	ND	0.500	ug/L								
1,3-Dichlorobenzene	ND	0.500	ug/L								
1,1-Dichloroethylene	ND	0.500	ug/L								
1,4-Dichlorobenzene	ND	0.500	ug/L								
1,2,3-Trichlorobenzene	ND	0.500	ug/L								
1,2,3-Trichloropropane	ND	0.500	ug/L								
1,2,4-Trichlorobenzene	ND	0.500	ug/L								
1,2,4-Trimethylbenzene	ND	0.500	ug/L								
1,2-Dibromo-3-chloropropane	ND	0.500	ug/L								
1,2-Dibromoethane	ND	0.500	ug/L								
1,2-Dichlorobenzene	ND	0.500	ug/L								
1,2-Dichloroethane	ND	0.500	ug/L								
1,2-Dichloropropane	ND	0.500	ug/L								
1,3,5-Trimethylbenzene	ND	0.500	ug/L								
1,3-Dichlorobenzene	ND	0.500	ug/L								
1,3-Dichloropropane	ND	0.500	ug/L								
1,4-Dichlorobenzene	ND	0.500	ug/L								
2-Butanone	ND	0.500	ug/L								
2-Hexanone	ND	0.500	ug/L								
4-Methyl-2-pentanone	ND	0.500	ug/L								
Acetone	ND	2.00	ug/L								
Acrolein	ND	0.500	ug/L								
Acrylonitrile	ND	0.500	ug/L								
Benzene	ND	0.500	ug/L								
Bromochloromethane	ND	0.500	ug/L								
Bromodichloromethane	ND	0.500	ug/L								
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	2.00	ug/L								
Carbon disulfide	ND	0.500	ug/L								
Carbon tetrachloride	ND	0.500	ug/L								
Chlorobenzene	ND	0.500	ug/L								
Chloroethane	ND	0.500	ug/L								
Chloroform	ND	0.500	ug/L								
Chloromethane	ND	0.500	ug/L								
cis-1,2-Dichloroethylene	ND	0.500	ug/L								
cis-1,3-Dichloropropylene	ND	0.500	ug/L								
Cyclohexane	ND	0.500	ug/L								
Dibromochloromethane	ND	0.500	ug/L								
Dibromomethane	ND	0.500	ug/L								
Dichlorodifluoromethane	ND	0.500	ug/L								
Ethyl Benzene	ND	0.500	ug/L								
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	ug/L								

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60551 - EPA 5030B											
Blank (BB60551-BLK1)								Prepared & Analyzed: 02/10/2026			
Methyl acetate	ND	0.500	ug/L								
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	ug/L								
Naphthalene	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	ug/L								
p- & m- Xylenes	ND	1.00	ug/L								
Hexachlorobutadiene	ND	0.500	ug/L								
p-Diethylbenzene	ND	0.500	ug/L								
p-Ethyltoluene	ND	0.500	ug/L								
p-Isopropyltoluene	ND	0.500	ug/L								
sec-Butylbenzene	ND	0.500	ug/L								
Styrene	ND	0.500	ug/L								
Naphthalene	ND	2.00	ug/L								
tert-Butyl alcohol (TBA)	ND	1.00	ug/L								
tert-Butylbenzene	ND	0.500	ug/L								
Tetrachloroethylene	ND	0.500	ug/L								
Toluene	ND	0.500	ug/L								
trans-1,2-Dichloroethylene	ND	0.500	ug/L								
trans-1,3-Dichloropropylene	ND	0.500	ug/L								
Trichloroethylene	ND	0.500	ug/L								
Trichlorofluoromethane	ND	0.500	ug/L								
Vinyl Chloride	ND	0.500	ug/L								
Xylenes, Total	ND	1.50	ug/L								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		*ug/L*	*10.0*		*110*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.8*		*ug/L*	*10.0*		*108*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*ug/L*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60551 - EPA 5030B											
LCS (BB60551-BS1)							Prepared & Analyzed: 02/10/2026				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	11.6		ug/L	10.0		116	78-136				
1,1,2,2-Tetrachloroethane	8.90		ug/L	10.0		89.0	76-129				
1,2,4-Trichlorobenzene	9.83		ug/L	10.0		98.3	76-137				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.3		ug/L	10.0		123	54-165				
1,2-Dichlorobenzene	9.87		ug/L	10.0		98.7	79-123				
1,1,2-Trichloroethane	9.80		ug/L	10.0		98.0	82-123				
1,1-Dichloroethane	11.0		ug/L	10.0		110	82-129				
1,3-Dichlorobenzene	10.5		ug/L	10.0		105	86-122				
1,1-Dichloroethylene	11.1		ug/L	10.0		111	68-138				
1,4-Dichlorobenzene	10.3		ug/L	10.0		103	85-124				
1,2,3-Trichlorobenzene	9.32		ug/L	10.0		93.2	76-136				
1,2,3-Trichloropropane	8.78		ug/L	10.0		87.8	77-128				
1,2,4-Trichlorobenzene	9.83		ug/L	10.0		98.3	76-137				
1,2,4-Trimethylbenzene	11.4		ug/L	10.0		114	82-132				
1,2-Dibromo-3-chloropropane	8.15		ug/L	10.0		81.5	45-147				
1,2-Dibromoethane	9.81		ug/L	10.0		98.1	83-124				
1,2-Dichlorobenzene	9.87		ug/L	10.0		98.7	79-123				
1,2-Dichloroethane	9.79		ug/L	10.0		97.9	73-132				
1,2-Dichloropropane	10.6		ug/L	10.0		106	78-126				
1,3,5-Trimethylbenzene	11.6		ug/L	10.0		116	80-131				
1,3-Dichlorobenzene	10.5		ug/L	10.0		105	86-122				
1,3-Dichloropropane	10.0		ug/L	10.0		100	81-125				
1,4-Dichlorobenzene	10.3		ug/L	10.0		103	85-124				
2-Butanone	52.0		ug/L	10.0		520	49-152	High Bias			
2-Hexanone	38.0		ug/L	10.0		380	51-146	High Bias			
4-Methyl-2-pentanone	41.9		ug/L	10.0		419	57-145	High Bias			
Acetone	37.4		ug/L	10.0		374	14-150	High Bias			
Acrolein	24.5		ug/L	40.0		61.2	10-153				
Acrylonitrile	10.6		ug/L	10.0		106	51-150				
Benzene	10.9		ug/L	10.0		109	85-126				
Bromochloromethane	9.87		ug/L	10.0		98.7	77-128				
Bromodichloromethane	10.4		ug/L	10.0		104	79-128				
Bromoform	9.06		ug/L	10.0		90.6	78-133				
Bromomethane	10.7		ug/L	10.0		107	43-168				
Carbon disulfide	10.2		ug/L	10.0		102	68-146				
Carbon tetrachloride	11.6		ug/L	10.0		116	77-141				
Chlorobenzene	10.9		ug/L	10.0		109	88-120				
Chloroethane	14.5		ug/L	10.0		145	65-136	High Bias			
Chloroform	10.4		ug/L	10.0		104	82-128				
Chloromethane	8.51		ug/L	10.0		85.1	43-155				
cis-1,2-Dichloroethylene	10.9		ug/L	10.0		109	83-129				
cis-1,3-Dichloropropylene	10.6		ug/L	10.0		106	80-131				
Cyclohexane	12.9		ug/L	10.0		129	63-149				
Dibromochloromethane	9.85		ug/L	10.0		98.5	80-130				
Dibromomethane	10.0		ug/L	10.0		100	72-134				
Dichlorodifluoromethane	5.00		ug/L	10.0		50.0	44-144				
Ethyl Benzene	12.0		ug/L	10.0		120	80-131				
Hexachlorobutadiene	12.3		ug/L	10.0		123	67-146				
Isopropylbenzene	12.0		ug/L	10.0		120	76-140				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60551 - EPA 5030B											
LCS (BB60551-BS1)							Prepared & Analyzed: 02/10/2026				
Methyl acetate	9.30		ug/L	10.0		93.0	51-139				
Methyl tert-butyl ether (MTBE)	9.11		ug/L	10.0		91.1	76-135				
Methylcyclohexane	12.8		ug/L	10.0		128	72-143				
Methylene chloride	7.41		ug/L	10.0		74.1	55-137				
Naphthalene	9.01		ug/L	10.0		90.1	70-147				
n-Butylbenzene	10.4		ug/L	10.0		104	79-132				
n-Propylbenzene	11.8		ug/L	10.0		118	78-133				
o-Xylene	12.0		ug/L	10.0		120	78-130				
p- & m- Xylenes	23.6		ug/L	20.0		118	77-133				
Hexachlorobutadiene	12.3		ug/L	10.0		123	67-146				
p-Diethylbenzene	12.0		ug/L	10.0		120	84-134				
p-Ethyltoluene	11.6		ug/L	10.0		116	88-129				
p-Isopropyltoluene	12.9		ug/L	10.0		129	81-136				
sec-Butylbenzene	12.6		ug/L	10.0		126	79-137				
Styrene	11.7		ug/L	10.0		117	67-132				
Naphthalene	9.01		ug/L	10.0		90.1	70-147				
tert-Butyl alcohol (TBA)	51.0		ug/L	50.0		102	25-162				
tert-Butylbenzene	10.6		ug/L	10.0		106	77-138				
Tetrachloroethylene	10.6		ug/L	10.0		106	82-131				
Toluene	11.5		ug/L	10.0		115	80-127				
trans-1,2-Dichloroethylene	11.1		ug/L	10.0		111	80-132				
trans-1,3-Dichloropropylene	10.6		ug/L	10.0		106	78-131				
Trichloroethylene	11.2		ug/L	10.0		112	82-128				
Trichlorofluoromethane	12.4		ug/L	10.0		124	67-139				
Vinyl Chloride	10.4		ug/L	10.0		104	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.52*		*ug/L*	*10.0*		*95.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.1*		*ug/L*	*10.0*		*111*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*ug/L*	*10.0*		*105*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60551 - EPA 5030B											
LCS Dup (BB60551-BSD1)							Prepared & Analyzed: 02/10/2026				
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		2.97	30	
1,1,1-Trichloroethane	10.6		ug/L	10.0		106	78-136		8.96	30	
1,1,2,2-Tetrachloroethane	9.23		ug/L	10.0		92.3	76-129		3.64	30	
1,2,4-Trichlorobenzene	9.26		ug/L	10.0		92.6	76-137		5.97	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		ug/L	10.0		113	54-165		8.55	30	
1,2-Dichlorobenzene	9.13		ug/L	10.0		91.3	79-123		7.79	30	
1,1,2-Trichloroethane	10.4		ug/L	10.0		104	82-123		5.84	30	
1,1-Dichloroethane	10.1		ug/L	10.0		101	82-129		8.37	30	
1,3-Dichlorobenzene	9.17		ug/L	10.0		91.7	86-122		13.3	30	
1,1-Dichloroethylene	10.2		ug/L	10.0		102	68-138		8.37	30	
1,4-Dichlorobenzene	9.26		ug/L	10.0		92.6	85-124		11.0	30	
1,2,3-Trichlorobenzene	9.22		ug/L	10.0		92.2	76-136		1.08	30	
1,2,3-Trichloropropane	9.12		ug/L	10.0		91.2	77-128		3.80	30	
1,2,4-Trichlorobenzene	9.26		ug/L	10.0		92.6	76-137		5.97	30	
1,2,4-Trimethylbenzene	9.76		ug/L	10.0		97.6	82-132		15.5	30	
1,2-Dibromo-3-chloropropane	9.15		ug/L	10.0		91.5	45-147		11.6	30	
1,2-Dibromoethane	10.6		ug/L	10.0		106	83-124		7.93	30	
1,2-Dichlorobenzene	9.13		ug/L	10.0		91.3	79-123		7.79	30	
1,2-Dichloroethane	10.2		ug/L	10.0		102	73-132		3.71	30	
1,2-Dichloropropane	10.1		ug/L	10.0		101	78-126		5.02	30	
1,3,5-Trimethylbenzene	9.76		ug/L	10.0		97.6	80-131		16.8	30	
1,3-Dichlorobenzene	9.17		ug/L	10.0		91.7	86-122		13.3	30	
1,3-Dichloropropane	10.5		ug/L	10.0		105	81-125		5.16	30	
1,4-Dichlorobenzene	9.26		ug/L	10.0		92.6	85-124		11.0	30	
2-Butanone	51.4		ug/L	10.0		514	49-152	High Bias	1.22	30	
2-Hexanone	48.1		ug/L	10.0		481	51-146	High Bias	23.2	30	
4-Methyl-2-pentanone	49.5		ug/L	10.0		495	57-145	High Bias	16.6	30	
Acetone	42.8		ug/L	10.0		428	14-150	High Bias	13.3	30	
Acrolein	27.2		ug/L	40.0		67.9	10-153		10.3	30	
Acrylonitrile	11.3		ug/L	10.0		113	51-150		5.66	30	
Benzene	10.2		ug/L	10.0		102	85-126		7.22	30	
Bromochloromethane	10.2		ug/L	10.0		102	77-128		2.80	30	
Bromodichloromethane	10.3		ug/L	10.0		103	79-128		1.07	30	
Bromoform	9.90		ug/L	10.0		99.0	78-133		8.86	30	
Bromomethane	10.2		ug/L	10.0		102	43-168		5.06	30	
Carbon disulfide	9.24		ug/L	10.0		92.4	68-146		9.48	30	
Carbon tetrachloride	10.6		ug/L	10.0		106	77-141		9.10	30	
Chlorobenzene	10.2		ug/L	10.0		102	88-120		6.54	30	
Chloroethane	13.4		ug/L	10.0		134	65-136		7.74	30	
Chloroform	9.88		ug/L	10.0		98.8	82-128		5.51	30	
Chloromethane	7.77		ug/L	10.0		77.7	43-155		9.09	30	
cis-1,2-Dichloroethylene	10.1		ug/L	10.0		101	83-129		7.43	30	
cis-1,3-Dichloropropylene	10.5		ug/L	10.0		105	80-131		0.853	30	
Cyclohexane	11.6		ug/L	10.0		116	63-149		10.1	30	
Dibromochloromethane	10.2		ug/L	10.0		102	80-130		3.98	30	
Dibromomethane	10.6		ug/L	10.0		106	72-134		5.53	30	
Dichlorodifluoromethane	4.55		ug/L	10.0		45.5	44-144		9.42	30	
Ethyl Benzene	10.9		ug/L	10.0		109	80-131		9.72	30	
Hexachlorobutadiene	10.2		ug/L	10.0		102	67-146		18.8	30	
Isopropylbenzene	10.1		ug/L	10.0		101	76-140		17.5	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60551 - EPA 5030B											
LCS Dup (BB60551-BSD1)							Prepared & Analyzed: 02/10/2026				
Methyl acetate	10.6		ug/L	10.0		106	51-139		13.4	30	
Methyl tert-butyl ether (MTBE)	10.4		ug/L	10.0		104	76-135		13.0	30	
Methylcyclohexane	11.1		ug/L	10.0		111	72-143		14.4	30	
Methylene chloride	7.46		ug/L	10.0		74.6	55-137		0.672	30	
Naphthalene	9.55		ug/L	10.0		95.5	70-147		5.82	30	
n-Butylbenzene	8.55		ug/L	10.0		85.5	79-132		19.1	30	
n-Propylbenzene	9.95		ug/L	10.0		99.5	78-133		17.4	30	
o-Xylene	11.1		ug/L	10.0		111	78-130		7.88	30	
p- & m- Xylenes	21.3		ug/L	20.0		107	77-133		10.1	30	
Hexachlorobutadiene	10.2		ug/L	10.0		102	67-146		18.8	30	
p-Diethylbenzene	10.1		ug/L	10.0		101	84-134		17.5	30	
p-Ethyltoluene	9.77		ug/L	10.0		97.7	88-129		17.6	30	
p-Isopropyltoluene	10.7		ug/L	10.0		107	81-136		18.4	30	
sec-Butylbenzene	10.4		ug/L	10.0		104	79-137		19.2	30	
Styrene	11.2		ug/L	10.0		112	67-132		4.89	30	
Naphthalene	9.55		ug/L	10.0		95.5	70-147		5.82	30	
tert-Butyl alcohol (TBA)	52.6		ug/L	50.0		105	25-162		3.01	30	
tert-Butylbenzene	8.78		ug/L	10.0		87.8	77-138		18.7	30	
Tetrachloroethylene	9.45		ug/L	10.0		94.5	82-131		11.3	30	
Toluene	10.5		ug/L	10.0		105	80-127		9.72	30	
trans-1,2-Dichloroethylene	10.3		ug/L	10.0		103	80-132		7.66	30	
trans-1,3-Dichloropropylene	10.5		ug/L	10.0		105	78-131		0.853	30	
Trichloroethylene	10.1		ug/L	10.0		101	82-128		10.5	30	
Trichlorofluoromethane	11.4		ug/L	10.0		114	67-139		8.83	30	
Vinyl Chloride	9.24		ug/L	10.0		92.4	58-145		11.7	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.9*		*ug/L*	*10.0*		*109*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.9*		*ug/L*	*10.0*		*109*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*ug/L*	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60583 - EPA 5035A											
Blank (BB60583-BLK1)								Prepared & Analyzed: 02/11/2026			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1,2-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1-Dichloroethylene	ND	0.0050	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,2,3-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,2,3-Trichloropropane	ND	0.0050	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,2,4-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,2-Dibromo-3-chloropropane	ND	0.0050	mg/kg wet								
1,2-Dibromoethane	ND	0.0050	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,2-Dichloroethane	ND	0.0050	mg/kg wet								
1,2-Dichloropropane	ND	0.0050	mg/kg wet								
1,3,5-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet								
2-Butanone	ND	0.0050	mg/kg wet								
2-Hexanone	ND	0.0050	mg/kg wet								
4-Methyl-2-pentanone	ND	0.0050	mg/kg wet								
Acetone	0.0065	0.010	mg/kg wet								
Acrolein	ND	0.010	mg/kg wet								
Acrylonitrile	ND	0.0050	mg/kg wet								
Benzene	ND	0.0050	mg/kg wet								
Bromochloromethane	ND	0.0050	mg/kg wet								
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	mg/kg wet								
Carbon disulfide	ND	0.0050	mg/kg wet								
Carbon tetrachloride	ND	0.0050	mg/kg wet								
Chlorobenzene	ND	0.0050	mg/kg wet								
Chloroethane	ND	0.0050	mg/kg wet								
Chloroform	ND	0.0050	mg/kg wet								
Chloromethane	ND	0.0050	mg/kg wet								
cis-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
cis-1,3-Dichloropropylene	ND	0.0050	mg/kg wet								
Cyclohexane	ND	0.0050	mg/kg wet								
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	mg/kg wet								
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Ethyl Benzene	ND	0.0050	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	mg/kg wet								

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60583 - EPA 5035A											
Blank (BB60583-BLK1)								Prepared & Analyzed: 02/11/2026			
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/kg wet								
Methylcyclohexane	ND	0.0050	mg/kg wet								
Methylene chloride	0.010	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	mg/kg wet								
p- & m- Xylenes	ND	0.010	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
p-Isopropyltoluene	ND	0.0050	mg/kg wet								
sec-Butylbenzene	ND	0.0050	mg/kg wet								
Styrene	ND	0.0050	mg/kg wet								
tert-Butyl alcohol (TBA)	ND	0.025	mg/kg wet								
tert-Butylbenzene	ND	0.0050	mg/kg wet								
Tetrachloroethylene	ND	0.0050	mg/kg wet								
Toluene	ND	0.0050	mg/kg wet								
trans-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
trans-1,3-Dichloropropylene	ND	0.0050	mg/kg wet								
Trichloroethylene	ND	0.0050	mg/kg wet								
Trichlorofluoromethane	ND	0.0050	mg/kg wet								
Vinyl Chloride	ND	0.0050	mg/kg wet								
Xylenes, Total	ND	0.015	mg/kg wet								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*ug/L*	*50.0*		*98.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.1*		*ug/L*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*ug/L*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60583 - EPA 5035A											
LCS (BB60583-BS1)							Prepared & Analyzed: 02/11/2026				
1,1,1,2-Tetrachloroethane	51.8		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	50.1		ug/L	50.0		100	71-137				
1,1,2,2-Tetrachloroethane	50.1		ug/L	50.0		100	79-129				
1,2,4-Trichlorobenzene	55.5		ug/L	50.0		111	80-141				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.4		ug/L	50.0		96.8	58-146				
1,2-Dichlorobenzene	49.6		ug/L	50.0		99.2	85-122				
1,1,2-Trichloroethane	51.7		ug/L	50.0		103	83-123				
1,1-Dichloroethane	49.1		ug/L	50.0		98.2	75-130				
1,3-Dichlorobenzene	52.1		ug/L	50.0		104	84-124				
1,1-Dichloroethylene	50.3		ug/L	50.0		101	64-137				
1,4-Dichlorobenzene	51.3		ug/L	50.0		103	84-124				
1,2,3-Trichlorobenzene	54.8		ug/L	50.0		110	81-140				
1,2,3-Trichloropropane	49.8		ug/L	50.0		99.6	81-126				
1,2,4-Trichlorobenzene	55.5		ug/L	50.0		111	80-141				
1,2,4-Trimethylbenzene	48.3		ug/L	50.0		96.6	84-125				
1,2-Dibromo-3-chloropropane	42.7		ug/L	50.0		85.4	74-142				
1,2-Dibromoethane	52.7		ug/L	50.0		105	86-123				
1,2-Dichlorobenzene	49.6		ug/L	50.0		99.2	85-122				
1,2-Dichloroethane	49.4		ug/L	50.0		98.8	71-133				
1,2-Dichloropropane	48.2		ug/L	50.0		96.4	81-122				
1,3,5-Trimethylbenzene	49.5		ug/L	50.0		98.9	82-126				
1,3-Dichlorobenzene	52.1		ug/L	50.0		104	84-124				
1,4-Dichlorobenzene	51.3		ug/L	50.0		103	84-124				
2-Butanone	51.2		ug/L	50.0		102	58-147				
2-Hexanone	53.0		ug/L	50.0		106	70-139				
4-Methyl-2-pentanone	52.6		ug/L	50.0		105	72-132				
Acetone	60.1		ug/L	50.0		120	36-155				
Acrolein	175		ug/L	200		87.5	10-238				
Acrylonitrile	53.3		ug/L	50.0		107	66-141				
Benzene	50.0		ug/L	50.0		100	77-127				
Bromochloromethane	51.3		ug/L	50.0		103	74-129				
Bromodichloromethane	49.4		ug/L	50.0		98.8	81-124				
Bromoform	48.4		ug/L	50.0		96.7	80-136				
Bromomethane	55.9		ug/L	50.0		112	32-177				
Carbon disulfide	48.7		ug/L	50.0		97.3	10-136				
Carbon tetrachloride	52.6		ug/L	50.0		105	66-143				
Chlorobenzene	50.7		ug/L	50.0		101	86-120				
Chloroethane	66.1		ug/L	50.0		132	51-142				
Chloroform	50.1		ug/L	50.0		100	76-131				
Chloromethane	46.0		ug/L	50.0		92.0	49-132				
cis-1,2-Dichloroethylene	50.5		ug/L	50.0		101	74-132				
cis-1,3-Dichloropropylene	48.7		ug/L	50.0		97.4	81-129				
Cyclohexane	47.3		ug/L	50.0		94.7	70-130				
Dibromochloromethane	50.5		ug/L	50.0		101	10-200				
Dibromomethane	51.4		ug/L	50.0		103	83-124				
Dichlorodifluoromethane	39.7		ug/L	50.0		79.4	28-158				
Ethyl Benzene	50.2		ug/L	50.0		100	84-125				
Hexachlorobutadiene	49.4		ug/L	50.0		98.8	83-133				
Isopropylbenzene	50.4		ug/L	50.0		101	81-127				
Methyl acetate	50.6		ug/L	50.0		101	41-143				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60583 - EPA 5035A											
LCS (BB60583-BS1)							Prepared & Analyzed: 02/11/2026				
Methyl tert-butyl ether (MTBE)	46.8		ug/L	50.0		93.5	74-131				
Methylcyclohexane	46.5		ug/L	50.0		93.0	70-130				
Methylene chloride	58.7		ug/L	50.0		117	57-141				
n-Butylbenzene	50.7		ug/L	50.0		101	80-130				
n-Propylbenzene	50.8		ug/L	50.0		102	74-136				
o-Xylene	50.8		ug/L	50.0		102	83-123				
p- & m- Xylenes	103		ug/L	100		103	82-128				
Hexachlorobutadiene	49.4		ug/L	50.0		98.8	83-133				
p-Isopropyltoluene	49.6		ug/L	50.0		99.3	85-125				
sec-Butylbenzene	50.2		ug/L	50.0		100	83-125				
Styrene	51.4		ug/L	50.0		103	86-126				
tert-Butyl alcohol (TBA)	245		ug/L	250		98.1	70-130				
tert-Butylbenzene	49.0		ug/L	50.0		97.9	80-127				
Tetrachloroethylene	49.2		ug/L	50.0		98.3	80-129				
Toluene	50.6		ug/L	50.0		101	85-121				
trans-1,2-Dichloroethylene	48.4		ug/L	50.0		96.8	72-132				
trans-1,3-Dichloropropylene	48.1		ug/L	50.0		96.2	78-132				
Trichloroethylene	47.7		ug/L	50.0		95.3	84-123				
Trichlorofluoromethane	50.5		ug/L	50.0		101	62-140				
Vinyl Chloride	49.0		ug/L	50.0		98.1	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*ug/L*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*ug/L*	*50.0*		*97.5*	*76-130*				
LCS Dup (BB60583-BSD1)							Prepared & Analyzed: 02/11/2026				
1,1,1,2-Tetrachloroethane	55.4		ug/L	50.0		111	75-129		6.65	30	
1,1,1-Trichloroethane	53.4		ug/L	50.0		107	71-137		6.49	30	
1,1,2,2-Tetrachloroethane	54.0		ug/L	50.0		108	79-129		7.51	30	
1,2,4-Trichlorobenzene	58.7		ug/L	50.0		117	80-141		5.54	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.8		ug/L	50.0		102	58-146		4.86	30	
1,2-Dichlorobenzene	53.0		ug/L	50.0		106	85-122		6.57	30	
1,1,2-Trichloroethane	54.9		ug/L	50.0		110	83-123		5.97	30	
1,1-Dichloroethane	52.3		ug/L	50.0		105	75-130		6.25	30	
1,3-Dichlorobenzene	55.2		ug/L	50.0		110	84-124		5.69	30	
1,1-Dichloroethylene	52.7		ug/L	50.0		105	64-137		4.64	30	
1,4-Dichlorobenzene	54.8		ug/L	50.0		110	84-124		6.58	30	
1,2,3-Trichlorobenzene	57.7		ug/L	50.0		115	81-140		5.18	30	
1,2,3-Trichloropropane	53.2		ug/L	50.0		106	81-126		6.49	30	
1,2,4-Trichlorobenzene	58.7		ug/L	50.0		117	80-141		5.54	30	
1,2,4-Trimethylbenzene	51.5		ug/L	50.0		103	84-125		6.36	30	
1,2-Dibromo-3-chloropropane	46.6		ug/L	50.0		93.1	74-142		8.65	30	
1,2-Dibromoethane	56.6		ug/L	50.0		113	86-123		7.14	30	
1,2-Dichlorobenzene	53.0		ug/L	50.0		106	85-122		6.57	30	
1,2-Dichloroethane	52.7		ug/L	50.0		105	71-133		6.42	30	
1,2-Dichloropropane	51.5		ug/L	50.0		103	81-122		6.56	30	
1,3,5-Trimethylbenzene	53.1		ug/L	50.0		106	82-126		7.10	30	
1,3-Dichlorobenzene	55.2		ug/L	50.0		110	84-124		5.69	30	
1,4-Dichlorobenzene	54.8		ug/L	50.0		110	84-124		6.58	30	
2-Butanone	55.5		ug/L	50.0		111	58-147		7.93	30	
2-Hexanone	56.5		ug/L	50.0		113	70-139		6.32	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60583 - EPA 5035A											
LCS Dup (BB60583-BSD1)							Prepared & Analyzed: 02/11/2026				
4-Methyl-2-pentanone	56.2		ug/L	50.0		112	72-132		6.63	30	
Acetone	61.8		ug/L	50.0		124	36-155		2.85	30	
Acrolein	182		ug/L	200		91.2	10-238		4.11	30	
Acrylonitrile	55.4		ug/L	50.0		111	66-141		3.94	30	
Benzene	53.5		ug/L	50.0		107	77-127		6.63	30	
Bromochloromethane	54.3		ug/L	50.0		109	74-129		5.66	30	
Bromodichloromethane	53.2		ug/L	50.0		106	81-124		7.41	30	
Bromoform	52.4		ug/L	50.0		105	80-136		8.06	30	
Bromomethane	59.6		ug/L	50.0		119	32-177		6.43	30	
Carbon disulfide	51.7		ug/L	50.0		103	10-136		6.00	30	
Carbon tetrachloride	55.9		ug/L	50.0		112	66-143		6.12	30	
Chlorobenzene	54.0		ug/L	50.0		108	86-120		6.24	30	
Chloroethane	69.5		ug/L	50.0		139	51-142		4.94	30	
Chloroform	53.3		ug/L	50.0		107	76-131		6.19	30	
Chloromethane	48.6		ug/L	50.0		97.2	49-132		5.45	30	
cis-1,2-Dichloroethylene	53.6		ug/L	50.0		107	74-132		5.96	30	
cis-1,3-Dichloropropylene	52.4		ug/L	50.0		105	81-129		7.44	30	
Cyclohexane	50.6		ug/L	50.0		101	70-130		6.72	30	
Dibromochloromethane	54.1		ug/L	50.0		108	10-200		6.85	30	
Dibromomethane	55.6		ug/L	50.0		111	83-124		7.76	30	
Dichlorodifluoromethane	42.5		ug/L	50.0		85.0	28-158		6.83	30	
Ethyl Benzene	53.4		ug/L	50.0		107	84-125		6.12	30	
Hexachlorobutadiene	53.7		ug/L	50.0		107	83-133		8.32	30	
Isopropylbenzene	54.2		ug/L	50.0		108	81-127		7.38	30	
Methyl acetate	51.7		ug/L	50.0		103	41-143		2.11	30	
Methyl tert-butyl ether (MTBE)	50.2		ug/L	50.0		100	74-131		6.99	30	
Methylcyclohexane	50.1		ug/L	50.0		100	70-130		7.51	30	
Methylene chloride	61.9		ug/L	50.0		124	57-141		5.41	30	
n-Butylbenzene	53.9		ug/L	50.0		108	80-130		6.12	30	
n-Propylbenzene	54.2		ug/L	50.0		108	74-136		6.57	30	
o-Xylene	53.9		ug/L	50.0		108	83-123		5.98	30	
p- & m- Xylenes	110		ug/L	100		110	82-128		6.41	30	
Hexachlorobutadiene	53.7		ug/L	50.0		107	83-133		8.32	30	
p-Isopropyltoluene	52.8		ug/L	50.0		106	85-125		6.23	30	
sec-Butylbenzene	53.8		ug/L	50.0		108	83-125		6.97	30	
Styrene	54.9		ug/L	50.0		110	86-126		6.55	30	
tert-Butyl alcohol (TBA)	254		ug/L	250		101	70-130		3.38	30	
tert-Butylbenzene	52.6		ug/L	50.0		105	80-127		7.15	30	
Tetrachloroethylene	52.4		ug/L	50.0		105	80-129		6.44	30	
Toluene	54.0		ug/L	50.0		108	85-121		6.33	30	
trans-1,2-Dichloroethylene	51.6		ug/L	50.0		103	72-132		6.28	30	
trans-1,3-Dichloropropylene	51.5		ug/L	50.0		103	78-132		6.73	30	
Trichloroethylene	51.8		ug/L	50.0		104	84-123		8.30	30	
Trichlorofluoromethane	53.3		ug/L	50.0		107	62-140		5.45	30	
Vinyl Chloride	51.6		ug/L	50.0		103	52-130		5.05	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*ug/L*	*50.0*		*98.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*ug/L*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*ug/L*	*50.0*		*98.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60583 - EPA 5035A											
Matrix Spike (BB60583-MS1)	*Source sample: 26B0173-09 (26SB-4 (17-19))						Prepared & Analyzed: 02/11/2026				
1,1,1,2-Tetrachloroethane	49.5		ug/L	50.0	0.00	99.0	15-161				
1,1,1-Trichloroethane	49.3		ug/L	50.0	0.00	98.6	42-145				
1,1,2,2-Tetrachloroethane	46.4		ug/L	50.0	0.00	92.9	16-167				
1,2,4-Trichlorobenzene	45.8		ug/L	50.0	0.00	91.6	10-151				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.2		ug/L	50.0	0.00	86.5	11-160				
1,2-Dichlorobenzene	45.3		ug/L	50.0	0.00	90.5	10-147				
1,1,2-Trichloroethane	48.6		ug/L	50.0	0.00	97.3	44-145				
1,1-Dichloroethane	47.9		ug/L	50.0	0.00	95.9	46-142				
1,3-Dichlorobenzene	46.9		ug/L	50.0	0.00	93.8	10-144				
1,1-Dichloroethylene	44.7		ug/L	50.0	0.00	89.3	30-153				
1,4-Dichlorobenzene	46.2		ug/L	50.0	0.00	92.3	10-160				
1,2,3-Trichlorobenzene	47.1		ug/L	50.0	0.00	94.2	10-157				
1,2,3-Trichloropropane	47.5		ug/L	50.0	0.00	95.1	38-155				
1,2,4-Trichlorobenzene	45.8		ug/L	50.0	0.00	91.6	10-151				
1,2,4-Trimethylbenzene	45.1		ug/L	50.0	0.00	90.2	10-170				
1,2-Dibromo-3-chloropropane	39.2		ug/L	50.0	0.00	78.5	36-138				
1,2-Dibromoethane	49.7		ug/L	50.0	0.00	99.4	40-142				
1,2-Dichlorobenzene	45.3		ug/L	50.0	0.00	90.5	10-147				
1,2-Dichloroethane	46.3		ug/L	50.0	0.00	92.6	48-133				
1,2-Dichloropropane	46.3		ug/L	50.0	0.00	92.6	47-141				
1,3,5-Trimethylbenzene	46.7		ug/L	50.0	0.00	93.5	10-150				
1,3-Dichlorobenzene	46.9		ug/L	50.0	0.00	93.8	10-144				
1,4-Dichlorobenzene	46.2		ug/L	50.0	0.00	92.3	10-160				
2-Butanone	47.1		ug/L	50.0	0.00	94.2	10-189				
2-Hexanone	49.2		ug/L	50.0	0.00	98.4	10-181				
4-Methyl-2-pentanone	49.4		ug/L	50.0	0.00	98.8	10-166				
Acetone	48.7		ug/L	50.0	1.91	93.5	10-196				
Acrolein	136		ug/L	200	0.00	68.2	10-192				
Acrylonitrile	47.3		ug/L	50.0	0.00	94.6	13-161				
Benzene	48.5		ug/L	50.0	0.00	96.9	43-139				
Bromochloromethane	47.6		ug/L	50.0	0.00	95.2	38-145				
Bromodichloromethane	46.9		ug/L	50.0	0.00	93.7	38-147				
Bromoform	45.0		ug/L	50.0	0.00	90.1	29-156				
Bromomethane	49.2		ug/L	50.0	0.00	98.4	10-166				
Carbon disulfide	42.0		ug/L	50.0	0.00	83.9	10-131				
Carbon tetrachloride	51.1		ug/L	50.0	0.00	102	35-145				
Chlorobenzene	47.5		ug/L	50.0	0.00	95.1	21-154				
Chloroethane	59.7		ug/L	50.0	0.00	119	15-160				
Chloroform	47.9		ug/L	50.0	0.00	95.8	47-142				
Chloromethane	42.3		ug/L	50.0	0.00	84.7	10-159				
cis-1,2-Dichloroethylene	48.2		ug/L	50.0	0.00	96.3	42-144				
cis-1,3-Dichloropropylene	46.6		ug/L	50.0	0.00	93.1	18-159				
Cyclohexane	46.8		ug/L	50.0	0.00	93.7	70-130				
Dibromochloromethane	47.0		ug/L	50.0	0.00	94.0	10-179				
Dibromomethane	48.2		ug/L	50.0	0.00	96.4	47-143				
Dichlorodifluoromethane	38.0		ug/L	50.0	0.00	75.9	10-145				
Ethyl Benzene	47.4		ug/L	50.0	0.00	94.7	11-158				
Hexachlorobutadiene	44.7		ug/L	50.0	0.00	89.4	10-158				
Isopropylbenzene	49.1		ug/L	50.0	0.00	98.2	10-162				
Methyl acetate	45.5		ug/L	50.0	0.00	91.1	10-149				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60583 - EPA 5035A											
Matrix Spike (BB60583-MS1)	*Source sample: 26B0173-09 (26SB-4 (17-19))						Prepared & Analyzed: 02/11/2026				
Methyl tert-butyl ether (MTBE)	47.1		ug/L	50.0	0.00	94.1	42-152				
Methylcyclohexane	45.9		ug/L	50.0	0.00	91.8	70-130				
Methylene chloride	45.4		ug/L	50.0	0.00	90.8	28-151				
n-Butylbenzene	45.0		ug/L	50.0	0.00	90.0	10-162				
n-Propylbenzene	47.7		ug/L	50.0	0.00	95.3	10-155				
o-Xylene	48.2		ug/L	50.0	0.00	96.4	10-158				
p- & m- Xylenes	94.7		ug/L	100	0.00	94.7	10-156				
Hexachlorobutadiene	44.7		ug/L	50.0	0.00	89.4	10-158				
p-Isopropyltoluene	44.6		ug/L	50.0	0.00	89.2	10-147				
sec-Butylbenzene	48.3		ug/L	50.0	0.00	96.5	10-157				
Styrene	48.2		ug/L	50.0	0.00	96.4	13-171				
tert-Butyl alcohol (TBA)	230		ug/L	250	0.00	92.1	34-179				
tert-Butylbenzene	48.2		ug/L	50.0	0.00	96.4	10-160				
Tetrachloroethylene	46.9		ug/L	50.0	0.00	93.9	30-167				
Toluene	48.1		ug/L	50.0	0.00	96.2	21-160				
trans-1,2-Dichloroethylene	46.5		ug/L	50.0	0.00	93.0	29-153				
trans-1,3-Dichloropropylene	45.1		ug/L	50.0	0.00	90.3	18-155				
Trichloroethylene	47.2		ug/L	50.0	0.00	94.3	24-169				
Trichlorofluoromethane	44.4		ug/L	50.0	0.00	88.8	35-142				
Vinyl Chloride	44.5		ug/L	50.0	0.00	89.1	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*ug/L*	*50.0*		*97.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*ug/L*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*ug/L*	*50.0*		*101*	*76-130*				
Matrix Spike Dup (BB60583-MSD1)	*Source sample: 26B0173-09 (26SB-4 (17-19))						Prepared & Analyzed: 02/11/2026				
1,1,1,2-Tetrachloroethane	49.1		ug/L	50.0	0.00	98.2	15-161		0.791	33	
1,1,1-Trichloroethane	48.8		ug/L	50.0	0.00	97.7	42-145		0.917	30	
1,1,2,2-Tetrachloroethane	48.0		ug/L	50.0	0.00	96.1	16-167		3.37	56	
1,2,4-Trichlorobenzene	46.1		ug/L	50.0	0.00	92.3	10-151		0.674	52	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.5		ug/L	50.0	0.00	86.9	11-160		0.554	31	
1,2-Dichlorobenzene	44.8		ug/L	50.0	0.00	89.6	10-147		0.999	52	
1,1,2-Trichloroethane	48.6		ug/L	50.0	0.00	97.2	44-145		0.0617	40	
1,1-Dichloroethane	47.6		ug/L	50.0	0.00	95.2	46-142		0.691	36	
1,3-Dichlorobenzene	46.8		ug/L	50.0	0.00	93.7	10-144		0.128	51	
1,1-Dichloroethylene	45.4		ug/L	50.0	0.00	90.9	30-153		1.71	31	
1,4-Dichlorobenzene	46.2		ug/L	50.0	0.00	92.5	10-160		0.216	52	
1,2,3-Trichlorobenzene	47.0		ug/L	50.0	0.00	94.0	10-157		0.234	47	
1,2,3-Trichloropropane	49.5		ug/L	50.0	0.00	99.0	38-155		4.06	48	
1,2,4-Trichlorobenzene	46.1		ug/L	50.0	0.00	92.3	10-151		0.674	52	
1,2,4-Trimethylbenzene	45.6		ug/L	50.0	0.00	91.2	10-170		1.12	242	
1,2-Dibromo-3-chloropropane	41.0		ug/L	50.0	0.00	81.9	36-138		4.26	54	
1,2-Dibromoethane	50.2		ug/L	50.0	0.00	100	40-142		1.04	39	
1,2-Dichlorobenzene	44.8		ug/L	50.0	0.00	89.6	10-147		0.999	52	
1,2-Dichloroethane	46.0		ug/L	50.0	0.00	91.9	48-133		0.715	32	
1,2-Dichloropropane	46.4		ug/L	50.0	0.00	92.8	47-141		0.259	37	
1,3,5-Trimethylbenzene	47.3		ug/L	50.0	0.00	94.6	10-150		1.21	62	
1,3-Dichlorobenzene	46.8		ug/L	50.0	0.00	93.7	10-144		0.128	51	
1,4-Dichlorobenzene	46.2		ug/L	50.0	0.00	92.5	10-160		0.216	52	
2-Butanone	50.1		ug/L	50.0	0.00	100	10-189		6.13	67	
2-Hexanone	50.6		ug/L	50.0	0.00	101	10-181		2.95	60	

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60583 - EPA 5035A											
Matrix Spike Dup (BB60583-MSD1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared & Analyzed: 02/11/2026			
4-Methyl-2-pentanone	51.0		ug/L	50.0	0.00	102	10-166		3.21	47	
Acetone	54.4		ug/L	50.0	1.60	106	10-196		11.1	150	
Acrolein	145		ug/L	200	0.00	72.5	10-192		6.10	128	
Acrylonitrile	48.3		ug/L	50.0	0.00	96.6	13-161		2.11	48	
Benzene	48.0		ug/L	50.0	0.00	95.9	43-139		1.06	64	
Bromochloromethane	47.0		ug/L	50.0	0.00	94.0	38-145		1.29	30	
Bromodichloromethane	46.9		ug/L	50.0	0.00	93.8	38-147		0.0427	37	
Bromoform	45.4		ug/L	50.0	0.00	90.9	29-156		0.928	51	
Bromomethane	50.4		ug/L	50.0	0.00	101	10-166		2.33	42	
Carbon disulfide	43.2		ug/L	50.0	0.00	86.5	10-131		2.96	36	
Carbon tetrachloride	50.8		ug/L	50.0	0.00	102	35-145		0.609	31	
Chlorobenzene	47.4		ug/L	50.0	0.00	94.8	21-154		0.253	32	
Chloroethane	60.4		ug/L	50.0	0.00	121	15-160		1.12	40	
Chloroform	47.3		ug/L	50.0	0.00	94.6	47-142		1.26	29	
Chloromethane	42.2		ug/L	50.0	0.00	84.3	10-159		0.426	31	
cis-1,2-Dichloroethylene	47.8		ug/L	50.0	0.00	95.5	42-144		0.855	30	
cis-1,3-Dichloropropylene	46.1		ug/L	50.0	0.00	92.1	18-159		1.06	39	
Cyclohexane	46.1		ug/L	50.0	0.00	92.2	70-130		1.61	30	
Dibromochloromethane	47.2		ug/L	50.0	0.00	94.3	10-179		0.319	41	
Dibromomethane	48.3		ug/L	50.0	0.00	96.6	47-143		0.187	41	
Dichlorodifluoromethane	37.0		ug/L	50.0	0.00	74.1	10-145		2.43	34	
Ethyl Benzene	47.2		ug/L	50.0	0.00	94.4	11-158		0.360	42	
Hexachlorobutadiene	44.6		ug/L	50.0	0.00	89.1	10-158		0.336	45	
Isopropylbenzene	49.8		ug/L	50.0	0.00	99.7	10-162		1.50	57	
Methyl acetate	47.3		ug/L	50.0	0.00	94.7	10-149		3.85	64	
Methyl tert-butyl ether (MTBE)	46.2		ug/L	50.0	0.00	92.5	42-152		1.76	47	
Methylcyclohexane	45.8		ug/L	50.0	0.00	91.5	70-130		0.305	30	
Methylene chloride	46.6		ug/L	50.0	0.00	93.3	28-151		2.74	49	
n-Butylbenzene	45.7		ug/L	50.0	0.00	91.4	10-162		1.54	96	
n-Propylbenzene	48.5		ug/L	50.0	0.00	97.0	10-155		1.71	56	
o-Xylene	47.8		ug/L	50.0	0.00	95.7	10-158		0.791	51	
p- & m- Xylenes	95.1		ug/L	100	0.00	95.1	10-156		0.443	47	
Hexachlorobutadiene	44.6		ug/L	50.0	0.00	89.1	10-158		0.336	45	
p-Isopropyltoluene	45.4		ug/L	50.0	0.00	90.8	10-147		1.80	60	
sec-Butylbenzene	49.0		ug/L	50.0	0.00	98.0	10-157		1.50	56	
Styrene	47.8		ug/L	50.0	0.00	95.6	13-171		0.792	39	
tert-Butyl alcohol (TBA)	263		ug/L	250	0.00	105	34-179		13.2	35	
tert-Butylbenzene	48.8		ug/L	50.0	0.00	97.7	10-160		1.32	79	
Tetrachloroethylene	47.0		ug/L	50.0	0.00	93.9	30-167		0.0639	33	
Toluene	48.1		ug/L	50.0	0.00	96.3	21-160		0.0624	50	
trans-1,2-Dichloroethylene	45.8		ug/L	50.0	0.00	91.6	29-153		1.56	30	
trans-1,3-Dichloropropylene	45.1		ug/L	50.0	0.00	90.2	18-155		0.0222	30	
Trichloroethylene	46.8		ug/L	50.0	0.00	93.7	24-169		0.723	30	
Trichlorofluoromethane	44.8		ug/L	50.0	0.00	89.6	35-142		0.875	30	
Vinyl Chloride	44.6		ug/L	50.0	0.00	89.3	12-160		0.247	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.5*		*ug/L*	*50.0*		*97.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.1*		*ug/L*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*ug/L*	*50.0*		*102*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60254 - EPA 3550C											
Blank (BB60254-BLK1)								Prepared: 02/05/2026 Analyzed: 02/06/2026			
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0416	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0416	mg/kg wet								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0416	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0416	mg/kg wet								
2,3,4,6-Tetrachlorophenol	ND	0.0830	mg/kg wet								
2,4,5-Trichlorophenol	ND	0.0416	mg/kg wet								
2,4,6-Trichlorophenol	ND	0.0416	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0416	mg/kg wet								
2,4-Dichlorophenol	ND	0.0416	mg/kg wet								
2,4-Dimethylphenol	ND	0.0416	mg/kg wet								
2,4-Dinitrophenol	ND	0.0830	mg/kg wet								
2,4-Dinitrotoluene	ND	0.0416	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0416	mg/kg wet								
2,6-Dinitrotoluene	ND	0.0416	mg/kg wet								
2-Chloronaphthalene	ND	0.0416	mg/kg wet								
2-Chlorophenol	ND	0.0416	mg/kg wet								
2-Methylnaphthalene	ND	0.0416	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0416	mg/kg wet								
2-Methylphenol	ND	0.0416	mg/kg wet								
2-Nitroaniline	ND	0.0830	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0416	mg/kg wet								
2-Nitrophenol	ND	0.0416	mg/kg wet								
3- & 4-Methylphenols	ND	0.0416	mg/kg wet								
3,3-Dichlorobenzidine	ND	0.0416	mg/kg wet								
3-Nitroaniline	ND	0.0830	mg/kg wet								
4,6-Dinitro-2-methylphenol	ND	0.0830	mg/kg wet								
4-Bromophenyl phenyl ether	ND	0.0416	mg/kg wet								
4-Chloro-3-methylphenol	ND	0.0416	mg/kg wet								
4-Chloroaniline	ND	0.0416	mg/kg wet								
4-Chlorophenyl phenyl ether	ND	0.0416	mg/kg wet								
4-Nitroaniline	ND	0.0830	mg/kg wet								
4-Nitrophenol	ND	0.0830	mg/kg wet								
Acenaphthene	ND	0.0416	mg/kg wet								
Acenaphthylene	ND	0.0416	mg/kg wet								
Acetophenone	ND	0.0416	mg/kg wet								
Aniline	ND	0.166	mg/kg wet								
Anthracene	ND	0.0416	mg/kg wet								
Atrazine	ND	0.0416	mg/kg wet								
Benzaldehyde	ND	0.0416	mg/kg wet								
Benzidine	ND	0.166	mg/kg wet								
Benzo(a)anthracene	ND	0.0416	mg/kg wet								
Benzo(a)pyrene	ND	0.0416	mg/kg wet								
Benzo(b)fluoranthene	ND	0.0416	mg/kg wet								
Benzo(g,h,i)perylene	ND	0.0416	mg/kg wet								
Benzo(k)fluoranthene	ND	0.0416	mg/kg wet								
Benzoic acid	ND	0.0416	mg/kg wet								
Benzyl alcohol	ND	0.0416	mg/kg wet								
Benzyl butyl phthalate	ND	0.0416	mg/kg wet								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60254 - EPA 3550C											
Blank (BB60254-BLK1)								Prepared: 02/05/2026 Analyzed: 02/06/2026			
Bis(2-chloroethoxy)methane	ND	0.0416	mg/kg wet								
Bis(2-chloroethyl)ether	ND	0.0416	mg/kg wet								
Bis(2-chloroisopropyl)ether	ND	0.0416	mg/kg wet								
Bis(2-ethylhexyl)phthalate	ND	0.0416	mg/kg wet								
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	mg/kg wet								
Hexachlorobutadiene	ND	0.0416	mg/kg wet								
Chrysene	ND	0.0416	mg/kg wet								
Dibenzo(a,h)anthracene	ND	0.0416	mg/kg wet								
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	mg/kg wet								
Dimethyl phthalate	ND	0.0416	mg/kg wet								
Di-n-butyl phthalate	ND	0.0416	mg/kg wet								
Di-n-octyl phthalate	ND	0.0416	mg/kg wet								
Naphthalene	ND	0.0416	mg/kg wet								
Fluoranthene	ND	0.0416	mg/kg wet								
Fluorene	ND	0.0416	mg/kg wet								
Hexachlorobenzene	ND	0.0416	mg/kg wet								
Hexachlorobutadiene	ND	0.0416	mg/kg wet								
Hexachlorocyclopentadiene	ND	0.0416	mg/kg wet								
Hexachloroethane	ND	0.0416	mg/kg wet								
Indeno(1,2,3-cd)pyrene	ND	0.0416	mg/kg wet								
Isophorone	ND	0.0416	mg/kg wet								
Naphthalene	ND	0.0416	mg/kg wet								
Nitrobenzene	ND	0.0416	mg/kg wet								
N-Nitrosodimethylamine	ND	0.0416	mg/kg wet								
N-nitroso-di-n-propylamine	ND	0.0416	mg/kg wet								
N-Nitrosodiphenylamine	ND	0.0416	mg/kg wet								
Pentachlorophenol	ND	0.0416	mg/kg wet								
Phenanthrene	ND	0.0416	mg/kg wet								
Phenol	ND	0.0416	mg/kg wet								
Pyrene	ND	0.0416	mg/kg wet								
Pyridine	ND	0.166	mg/kg wet								
Hexachloroethane	ND	0.0416	mg/kg wet								
Nitrobenzene	ND	0.0416	mg/kg wet								
Surrogate: SURR: 2-Fluorophenol	*1.31*		*mg/kg wet*	*1.66*		*78.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.35*		*mg/kg wet*	*1.66*		*81.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.765*		*mg/kg wet*	*0.831*		*92.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.652*		*mg/kg wet*	*0.831*		*78.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.40*		*mg/kg wet*	*1.66*		*84.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.714*		*mg/kg wet*	*0.831*		*85.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60254 - EPA 3550C											
LCS (BB60254-BS1)								Prepared: 02/05/2026 Analyzed: 02/06/2026			
1,1-Biphenyl	0.579	0.0416	mg/kg wet	0.831		69.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.551	0.0830	mg/kg wet	0.831		66.4	21-131				
1,2,4-Trichlorobenzene	0.576	0.0416	mg/kg wet	0.831		69.4	10-140				
1,2-Dichlorobenzene	0.561	0.0416	mg/kg wet	0.831		67.6	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.657	0.0416	mg/kg wet	0.831		79.1	17-137				
1,3-Dichlorobenzene	0.529	0.0416	mg/kg wet	0.831		63.6	33-110				
1,4-Dichlorobenzene	0.520	0.0416	mg/kg wet	0.831		62.6	32-104				
2,3,4,6-Tetrachlorophenol	0.780	0.0830	mg/kg wet	0.831		93.9	30-130				
2,4,5-Trichlorophenol	0.599	0.0416	mg/kg wet	0.831		72.1	27-118				
2,4,6-Trichlorophenol	0.564	0.0416	mg/kg wet	0.831		68.0	31-120				
1,2,4-Trichlorobenzene	0.576	0.0416	mg/kg wet	0.831		69.4	10-140				
2,4-Dichlorophenol	0.660	0.0416	mg/kg wet	0.831		79.4	20-127				
2,4-Dimethylphenol	0.655	0.0416	mg/kg wet	0.831		78.8	14-132				
2,4-Dinitrophenol	0.0970	0.0830	mg/kg wet	0.831		11.7	10-171				
2,4-Dinitrotoluene	0.800	0.0416	mg/kg wet	0.831		96.4	34-131				
1,2-Dichlorobenzene	0.561	0.0416	mg/kg wet	0.831		67.6	34-108				
2,6-Dinitrotoluene	0.766	0.0416	mg/kg wet	0.831		92.2	31-128				
2-Chloronaphthalene	0.569	0.0416	mg/kg wet	0.831		68.6	31-117				
2-Chlorophenol	0.647	0.0416	mg/kg wet	0.831		77.8	33-113				
2-Methylnaphthalene	0.560	0.0416	mg/kg wet	0.831		67.4	12-138				
1,3-Dichlorobenzene	0.529	0.0416	mg/kg wet	0.831		63.6	33-110				
2-Methylphenol	0.647	0.0416	mg/kg wet	0.831		77.9	10-136				
2-Nitroaniline	0.751	0.0830	mg/kg wet	0.831		90.4	27-132				
1,4-Dichlorobenzene	0.520	0.0416	mg/kg wet	0.831		62.6	32-104				
2-Nitrophenol	0.677	0.0416	mg/kg wet	0.831		81.5	17-129				
3- & 4-Methylphenols	0.583	0.0416	mg/kg wet	0.831		70.2	29-103				
3,3-Dichlorobenzidine	0.351	0.0416	mg/kg wet	0.831		42.2	22-149				
3-Nitroaniline	0.628	0.0830	mg/kg wet	0.831		75.6	20-133				
4,6-Dinitro-2-methylphenol	0.343	0.0830	mg/kg wet	0.831		41.3	10-143				
4-Bromophenyl phenyl ether	0.587	0.0416	mg/kg wet	0.831		70.6	29-120				
4-Chloro-3-methylphenol	0.805	0.0416	mg/kg wet	0.831		96.9	24-129				
4-Chloroaniline	0.336	0.0416	mg/kg wet	0.831		40.5	10-132				
4-Chlorophenyl phenyl ether	0.629	0.0416	mg/kg wet	0.831		75.7	27-124				
4-Nitroaniline	0.726	0.0830	mg/kg wet	0.831		87.4	16-128				
4-Nitrophenol	0.774	0.0830	mg/kg wet	0.831		93.2	10-141				
Acenaphthene	0.554	0.0416	mg/kg wet	0.831		66.8	30-121				
Acenaphthylene	0.605	0.0416	mg/kg wet	0.831		72.9	30-115				
Acetophenone	0.645	0.0416	mg/kg wet	0.831		77.7	20-112				
Aniline	0.655	0.166	mg/kg wet	0.831		78.9	10-119				
Anthracene	0.594	0.0416	mg/kg wet	0.831		71.5	34-118				
Atrazine	0.660	0.0416	mg/kg wet	0.831		79.5	26-112				
Benzaldehyde	0.540	0.0416	mg/kg wet	0.831		65.0	21-100				
Benzo(a)anthracene	0.614	0.0416	mg/kg wet	0.831		74.0	32-122				
Benzo(a)pyrene	0.743	0.0416	mg/kg wet	0.831		89.4	29-133				
Benzo(b)fluoranthene	0.743	0.0416	mg/kg wet	0.831		89.4	25-133				
Benzo(g,h,i)perylene	0.676	0.0416	mg/kg wet	0.831		81.4	10-143				
Benzo(k)fluoranthene	0.741	0.0416	mg/kg wet	0.831		89.2	25-128				
Benzoic acid	ND	0.0416	mg/kg wet	0.831			10-140	Low Bias			
Benzyl alcohol	0.604	0.0416	mg/kg wet	0.831		72.8	30-115				
Benzyl butyl phthalate	0.818	0.0416	mg/kg wet	0.831		98.5	26-126				
Bis(2-chloroethoxy)methane	0.610	0.0416	mg/kg wet	0.831		73.4	19-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60254 - EPA 3550C											
LCS (BB60254-BS1)								Prepared: 02/05/2026 Analyzed: 02/06/2026			
Bis(2-chloroethyl)ether	0.954	0.0416	mg/kg wet	0.831		115	19-125				
Bis(2-chloroisopropyl)ether	0.765	0.0416	mg/kg wet	0.831		92.1	20-135				
Bis(2-ethylhexyl)phthalate	0.798	0.0416	mg/kg wet	0.831		96.1	10-155				
Caprolactam	0.646	0.0830	mg/kg wet	0.831		77.7	10-127				
Carbazole	0.596	0.0416	mg/kg wet	0.831		71.7	35-123				
Hexachlorobutadiene	0.577	0.0416	mg/kg wet	0.831		69.5	10-149				
Chrysene	0.631	0.0416	mg/kg wet	0.831		76.0	32-123				
Dibenzo(a,h)anthracene	0.662	0.0416	mg/kg wet	0.831		79.7	10-136				
Dibenzofuran	0.601	0.0416	mg/kg wet	0.831		72.4	29-121				
Diethyl phthalate	0.647	0.0416	mg/kg wet	0.831		77.9	34-116				
Dimethyl phthalate	0.608	0.0416	mg/kg wet	0.831		73.2	35-124				
Di-n-butyl phthalate	0.607	0.0416	mg/kg wet	0.831		73.0	31-116				
Di-n-octyl phthalate	0.815	0.0416	mg/kg wet	0.831		98.1	26-136				
Naphthalene	0.598	0.0416	mg/kg wet	0.831		72.0	23-124				
Fluoranthene	0.561	0.0416	mg/kg wet	0.831		67.6	33-122				
Fluorene	0.619	0.0416	mg/kg wet	0.831		74.5	29-123				
Hexachlorobenzene	0.631	0.0416	mg/kg wet	0.831		76.0	21-124				
Hexachlorobutadiene	0.577	0.0416	mg/kg wet	0.831		69.5	10-149				
Hexachlorocyclopentadiene	0.150	0.0416	mg/kg wet	0.831		18.0	10-129				
Hexachloroethane	0.588	0.0416	mg/kg wet	0.831		70.8	28-108				
Indeno(1,2,3-cd)pyrene	0.620	0.0416	mg/kg wet	0.831		74.6	10-135				
Isophorone	0.682	0.0416	mg/kg wet	0.831		82.1	20-132				
Naphthalene	0.598	0.0416	mg/kg wet	0.831		72.0	23-124				
Nitrobenzene	0.641	0.0416	mg/kg wet	0.831		77.1	13-132				
N-Nitrosodimethylamine	0.460	0.0416	mg/kg wet	0.831		55.4	11-129				
N-nitroso-di-n-propylamine	0.632	0.0416	mg/kg wet	0.831		76.0	24-119				
N-Nitrosodiphenylamine	0.658	0.0416	mg/kg wet	0.831		79.3	22-152				
Pentachlorophenol	0.524	0.0416	mg/kg wet	0.831		63.1	10-139				
Phenanthrene	0.592	0.0416	mg/kg wet	0.831		71.3	33-123				
Phenol	0.641	0.0416	mg/kg wet	0.831		77.2	23-115				
Pyrene	0.720	0.0416	mg/kg wet	0.831		86.6	24-130				
Pyridine	ND	0.166	mg/kg wet	0.831			10-91	Low Bias			
Hexachloroethane	0.588	0.0416	mg/kg wet	0.831		70.8	28-108				
Nitrobenzene	0.641	0.0416	mg/kg wet	0.831		77.1	13-132				
Surrogate: SURR: 2-Fluorophenol	*1.12*		*mg/kg wet*	*1.66*		*67.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.18*		*mg/kg wet*	*1.66*		*70.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.648*		*mg/kg wet*	*0.831*		*78.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.530*		*mg/kg wet*	*0.831*		*63.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.22*		*mg/kg wet*	*1.66*		*73.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.637*		*mg/kg wet*	*0.831*		*76.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60257 - EPA 3510C											
Blank (BB60257-BLK1)								Prepared & Analyzed: 02/05/2026			
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	ug/L								
2,3,4,6-Tetrachlorophenol	ND	5.00	ug/L								
2,4,5-Trichlorophenol	ND	5.00	ug/L								
2,4,6-Trichlorophenol	ND	5.00	ug/L								
2,4-Dichlorophenol	ND	5.00	ug/L								
2,4-Dimethylphenol	ND	5.00	ug/L								
2,4-Dinitrophenol	ND	5.00	ug/L								
2,4-Dinitrotoluene	ND	5.00	ug/L								
2,6-Dinitrotoluene	ND	5.00	ug/L								
2-Chloronaphthalene	ND	5.00	ug/L								
2-Chlorophenol	ND	5.00	ug/L								
2-Methylnaphthalene	ND	5.00	ug/L								
2-Methylphenol	ND	5.00	ug/L								
2-Nitroaniline	ND	5.00	ug/L								
2-Nitrophenol	ND	5.00	ug/L								
3- & 4-Methylphenols	ND	5.00	ug/L								
3,3-Dichlorobenzidine	ND	5.00	ug/L								
3-Nitroaniline	ND	5.00	ug/L								
4,6-Dinitro-2-methylphenol	ND	5.00	ug/L								
4-Bromophenyl phenyl ether	ND	5.00	ug/L								
4-Chloro-3-methylphenol	ND	5.00	ug/L								
4-Chloroaniline	ND	5.00	ug/L								
4-Chlorophenyl phenyl ether	ND	5.00	ug/L								
4-Nitroaniline	ND	5.00	ug/L								
4-Nitrophenol	ND	5.00	ug/L								
Acetophenone	ND	5.00	ug/L								
Benzaldehyde	ND	5.00	ug/L								
Benzyl butyl phthalate	ND	5.00	ug/L								
Bis(2-chloroethoxy)methane	ND	5.00	ug/L								
Bis(2-chloroethyl)ether	ND	5.00	ug/L								
Bis(2-chloroisopropyl)ether	ND	5.00	ug/L								
Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	ug/L								
Dibenzofuran	ND	5.00	ug/L								
Diethyl phthalate	ND	5.00	ug/L								
Dimethyl phthalate	ND	5.00	ug/L								
Di-n-butyl phthalate	ND	5.00	ug/L								
Di-n-octyl phthalate	ND	5.00	ug/L								
Hexachlorocyclopentadiene	ND	10.0	ug/L								
Isophorone	ND	5.00	ug/L								
N-nitroso-di-n-propylamine	ND	5.00	ug/L								
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	ug/L								
Propargite	ND	5.00	ug/L								
Pyridine	ND	5.00	ug/L								
Surrogate: SURR: 2-Fluorophenol	*14.0*		*ug/L*	*50.0*		*27.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.11*		*ug/L*	*50.0*		*16.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*13.1*		*ug/L*	*25.0*		*52.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.8*		*ug/L*	*25.0*		*55.1*	*39.9-105*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60257 - EPA 3510C											
Blank (BB60257-BLK1)							Prepared & Analyzed: 02/05/2026				
Surrogate: SURR: 2,4,6-Tribromophenol	*31.8*		*ug/L*	*50.0*		*63.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.7*		*ug/L*	*25.0*		*74.7*	*30.7-106*				
LCS (BB60257-BS1)							Prepared & Analyzed: 02/05/2026				
1,1-Biphenyl	12.9	5.00	ug/L	25.0		51.8	33-95				
1,2,4,5-Tetrachlorobenzene	13.0	5.00	ug/L	25.0		52.0	26-120				
2,3,4,6-Tetrachlorophenol	15.0	5.00	ug/L	25.0		60.2	30-130				
2,4,5-Trichlorophenol	15.1	5.00	ug/L	25.0		60.4	32-114				
2,4,6-Trichlorophenol	13.7	5.00	ug/L	25.0		54.9	35-118				
2,4-Dichlorophenol	13.3	5.00	ug/L	25.0		53.3	25-116				
2,4-Dimethylphenol	14.1	5.00	ug/L	25.0		56.4	15-116				
2,4-Dinitrophenol	15.4	5.00	ug/L	25.0		61.7	10-170				
2,4-Dinitrotoluene	15.7	5.00	ug/L	25.0		62.9	41-128				
2,6-Dinitrotoluene	14.9	5.00	ug/L	25.0		59.4	45-116				
2-Chloronaphthalene	12.6	5.00	ug/L	25.0		50.3	33-112				
2-Chlorophenol	11.8	5.00	ug/L	25.0		47.2	15-120				
2-Methylnaphthalene	11.7	5.00	ug/L	25.0		46.7	24-118				
2-Methylphenol	10.6	5.00	ug/L	25.0		42.5	10-110				
2-Nitroaniline	15.0	5.00	ug/L	25.0		60.1	34-129				
2-Nitrophenol	12.8	5.00	ug/L	25.0		51.1	28-118				
3- & 4-Methylphenols	8.17	5.00	ug/L	25.0		32.7	10-107				
3,3-Dichlorobenzidine	12.4	5.00	ug/L	25.0		49.4	15-187				
3-Nitroaniline	13.6	5.00	ug/L	25.0		54.6	24-134				
4,6-Dinitro-2-methylphenol	17.3	5.00	ug/L	25.0		69.2	10-153				
4-Bromophenyl phenyl ether	13.9	5.00	ug/L	25.0		55.6	34-120				
4-Chloro-3-methylphenol	14.1	5.00	ug/L	25.0		56.4	20-120				
4-Chloroaniline	11.1	5.00	ug/L	25.0		44.2	10-147				
4-Chlorophenyl phenyl ether	13.8	5.00	ug/L	25.0		55.0	27-121				
4-Nitroaniline	14.7	5.00	ug/L	25.0		58.6	13-134				
4-Nitrophenol	6.04	5.00	ug/L	25.0		24.2	10-131				
Acetophenone	13.6	5.00	ug/L	25.0		54.6	25-110				
Benzaldehyde	14.3	5.00	ug/L	25.0		57.3	29-117				
Benzyl butyl phthalate	16.1	5.00	ug/L	25.0		64.4	29-133				
Bis(2-chloroethoxy)methane	13.0	5.00	ug/L	25.0		52.1	10-154				
Bis(2-chloroethyl)ether	12.0	5.00	ug/L	25.0		47.9	17-125				
Bis(2-chloroisopropyl)ether	12.0	5.00	ug/L	25.0		47.9	10-139				
Caprolactam	15.7	5.00	ug/L	25.0		62.6	10-137				
Carbazole	15.6	5.00	ug/L	25.0		62.5	42-126				
Dibenzofuran	13.6	5.00	ug/L	25.0		54.4	36-113				
Diethyl phthalate	14.8	5.00	ug/L	25.0		59.0	38-115				
Dimethyl phthalate	14.7	5.00	ug/L	25.0		58.9	38-129				
Di-n-butyl phthalate	15.8	5.00	ug/L	25.0		63.0	31-120				
Di-n-octyl phthalate	16.0	5.00	ug/L	25.0		63.8	21-149				
Hexachlorocyclopentadiene	10.5	10.0	ug/L	25.0		41.9	10-130				
Isophorone	13.9	5.00	ug/L	25.0		55.4	25-127				
N-nitroso-di-n-propylamine	12.7	5.00	ug/L	25.0		50.7	26-122				
N-Nitrosodiphenylamine	15.8	5.00	ug/L	25.0		63.3	23-149				
Phenol	4.39	5.00	ug/L	25.0		17.6	10-110				
Pyridine	2.73	5.00	ug/L	35.0		7.80	10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*12.8*		*ug/L*	*50.0*		*25.6*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60257 - EPA 3510C											
LCS (BB60257-BS1)								Prepared & Analyzed: 02/05/2026			
Surrogate: SURR: Phenol-d6	*7.61*		*ug/L*	*50.0*		*15.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*11.8*		*ug/L*	*25.0*		*47.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.5*		*ug/L*	*25.0*		*50.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*30.0*		*ug/L*	*50.0*		*60.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*15.8*		*ug/L*	*25.0*		*63.4*	*30.7-106*				
LCS Dup (BB60257-BSD1)								Prepared & Analyzed: 02/05/2026			
1,1-Biphenyl	14.0	5.00	ug/L	25.0		55.9	33-95		7.73	20	
1,2,4,5-Tetrachlorobenzene	14.2	5.00	ug/L	25.0		57.0	26-120		9.10	20	
2,3,4,6-Tetrachlorophenol	15.4	5.00	ug/L	25.0		61.6	30-130		2.37	20	
2,4,5-Trichlorophenol	16.2	5.00	ug/L	25.0		64.6	32-114		6.72	20	
2,4,6-Trichlorophenol	14.7	5.00	ug/L	25.0		58.8	35-118		6.90	20	
2,4-Dichlorophenol	14.6	5.00	ug/L	25.0		58.4	25-116		9.10	20	
2,4-Dimethylphenol	15.3	5.00	ug/L	25.0		61.1	15-116		7.97	20	
2,4-Dinitrophenol	17.5	5.00	ug/L	25.0		70.0	10-170		12.6	20	
2,4-Dinitrotoluene	16.1	5.00	ug/L	25.0		64.4	41-128		2.33	20	
2,6-Dinitrotoluene	15.7	5.00	ug/L	25.0		62.9	45-116		5.62	20	
2-Chloronaphthalene	13.6	5.00	ug/L	25.0		54.2	33-112		7.50	20	
2-Chlorophenol	12.9	5.00	ug/L	25.0		51.6	15-120		8.99	20	
2-Methylnaphthalene	12.9	5.00	ug/L	25.0		51.5	24-118		9.86	20	
2-Methylphenol	11.6	5.00	ug/L	25.0		46.5	10-110		8.99	20	
2-Nitroaniline	15.8	5.00	ug/L	25.0		63.0	34-129		4.74	20	
2-Nitrophenol	14.2	5.00	ug/L	25.0		56.7	28-118		10.4	20	
3- & 4-Methylphenols	9.01	5.00	ug/L	25.0		36.0	10-107		9.78	20	
3,3-Dichlorobenzidine	13.0	5.00	ug/L	25.0		52.2	15-187		5.51	20	
3-Nitroaniline	12.5	5.00	ug/L	25.0		50.0	24-134		8.88	20	
4,6-Dinitro-2-methylphenol	17.4	5.00	ug/L	25.0		69.5	10-153		0.461	20	
4-Bromophenyl phenyl ether	14.4	5.00	ug/L	25.0		57.5	34-120		3.40	20	
4-Chloro-3-methylphenol	15.0	5.00	ug/L	25.0		59.9	20-120		6.05	20	
4-Chloroaniline	9.74	5.00	ug/L	25.0		39.0	10-147		12.7	20	
4-Chlorophenyl phenyl ether	14.6	5.00	ug/L	25.0		58.6	27-121		6.27	20	
4-Nitroaniline	14.2	5.00	ug/L	25.0		56.9	13-134		2.98	20	
4-Nitrophenol	5.96	5.00	ug/L	25.0		23.8	10-131		1.33	20	
Acetophenone	15.0	5.00	ug/L	25.0		60.2	25-110		9.76	20	
Benzaldehyde	15.4	5.00	ug/L	25.0		61.4	29-117		6.94	20	
Benzyl butyl phthalate	15.5	5.00	ug/L	25.0		62.0	29-133		3.80	20	
Bis(2-chloroethoxy)methane	14.0	5.00	ug/L	25.0		56.2	10-154		7.46	20	
Bis(2-chloroethyl)ether	12.9	5.00	ug/L	25.0		51.6	17-125		7.32	20	
Bis(2-chloroisopropyl)ether	12.6	5.00	ug/L	25.0		50.5	10-139		5.37	20	
Caprolactam	14.7	5.00	ug/L	25.0		58.8	10-137		6.39	20	
Carbazole	15.7	5.00	ug/L	25.0		62.7	42-126		0.383	20	
Dibenzofuran	14.5	5.00	ug/L	25.0		58.0	36-113		6.55	20	
Diethyl phthalate	15.1	5.00	ug/L	25.0		60.4	38-115		2.41	20	
Dimethyl phthalate	15.4	5.00	ug/L	25.0		61.8	38-129		4.84	20	
Di-n-butyl phthalate	15.6	5.00	ug/L	25.0		62.4	31-120		0.956	20	
Di-n-octyl phthalate	15.4	5.00	ug/L	25.0		61.5	21-149		3.70	20	
Hexachlorocyclopentadiene	11.3	10.0	ug/L	25.0		45.4	10-130		7.88	20	
Isophorone	14.7	5.00	ug/L	25.0		58.8	25-127		5.81	20	
N-nitroso-di-n-propylamine	13.4	5.00	ug/L	25.0		53.6	26-122		5.45	20	
N-Nitrosodiphenylamine	16.3	5.00	ug/L	25.0		65.4	23-149		3.17	20	
Phenol	4.69	5.00	ug/L	25.0		18.8	10-110		6.61	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60257 - EPA 3510C											
LCS Dup (BB60257-BSD1)							Prepared & Analyzed: 02/05/2026				
Pyridine	5.75	5.00	ug/L	35.0		16.4	10-90		71.2	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*14.1*		*ug/L*	*50.0*		*28.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.14*		*ug/L*	*50.0*		*16.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.6*		*ug/L*	*25.0*		*50.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.5*		*ug/L*	*25.0*		*54.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*31.0*		*ug/L*	*50.0*		*62.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*15.7*		*ug/L*	*25.0*		*62.9*	*30.7-106*				
Batch BB60440 - EPA 3545A											
Blank (BB60440-BLK1)							Prepared: 02/09/2026 Analyzed: 02/10/2026				
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0417	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0417	mg/kg wet								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0417	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0417	mg/kg wet								
2,3,4,6-Tetrachlorophenol	ND	0.0833	mg/kg wet								
2,4,5-Trichlorophenol	ND	0.0417	mg/kg wet								
2,4,6-Trichlorophenol	ND	0.0417	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0417	mg/kg wet								
2,4-Dichlorophenol	ND	0.0417	mg/kg wet								
2,4-Dimethylphenol	ND	0.0417	mg/kg wet								
2,4-Dinitrophenol	ND	0.0833	mg/kg wet								
2,4-Dinitrotoluene	ND	0.0417	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0417	mg/kg wet								
2,6-Dinitrotoluene	ND	0.0417	mg/kg wet								
2-Chloronaphthalene	ND	0.0417	mg/kg wet								
2-Chlorophenol	ND	0.0417	mg/kg wet								
2-Methylnaphthalene	ND	0.0417	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0417	mg/kg wet								
2-Methylphenol	ND	0.0417	mg/kg wet								
2-Nitroaniline	ND	0.0833	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0417	mg/kg wet								
2-Nitrophenol	ND	0.0417	mg/kg wet								
3- & 4-Methylphenols	ND	0.0417	mg/kg wet								
3,3-Dichlorobenzidine	ND	0.0417	mg/kg wet								
3-Nitroaniline	ND	0.0833	mg/kg wet								
4,6-Dinitro-2-methylphenol	ND	0.0833	mg/kg wet								
4-Bromophenyl phenyl ether	ND	0.0417	mg/kg wet								
4-Chloro-3-methylphenol	ND	0.0417	mg/kg wet								
4-Chloroaniline	ND	0.0417	mg/kg wet								
4-Chlorophenyl phenyl ether	ND	0.0417	mg/kg wet								
4-Nitroaniline	ND	0.0833	mg/kg wet								
4-Nitrophenol	ND	0.0833	mg/kg wet								
Acenaphthene	ND	0.0417	mg/kg wet								
Acenaphthylene	ND	0.0417	mg/kg wet								
Acetophenone	ND	0.0417	mg/kg wet								
Aniline	ND	0.167	mg/kg wet								
Anthracene	ND	0.0417	mg/kg wet								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60440 - EPA 3545A											
Blank (BB60440-BLK1)								Prepared: 02/09/2026 Analyzed: 02/10/2026			
Atrazine	ND	0.0417	mg/kg wet								
Benzaldehyde	ND	0.0417	mg/kg wet								
Benzidine	ND	0.167	mg/kg wet								
Benzo(a)anthracene	ND	0.0417	mg/kg wet								
Benzo(a)pyrene	ND	0.0417	mg/kg wet								
Benzo(b)fluoranthene	ND	0.0417	mg/kg wet								
Benzo(g,h,i)perylene	ND	0.0417	mg/kg wet								
Benzo(k)fluoranthene	ND	0.0417	mg/kg wet								
Benzoic acid	ND	0.0417	mg/kg wet								
Benzyl alcohol	ND	0.0417	mg/kg wet								
Benzyl butyl phthalate	ND	0.0417	mg/kg wet								
Bis(2-chloroethoxy)methane	ND	0.0417	mg/kg wet								
Bis(2-chloroethyl)ether	ND	0.0417	mg/kg wet								
Bis(2-chloroisopropyl)ether	ND	0.0417	mg/kg wet								
Bis(2-ethylhexyl)phthalate	ND	0.0417	mg/kg wet								
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	mg/kg wet								
Hexachlorobutadiene	ND	0.0417	mg/kg wet								
Chrysene	ND	0.0417	mg/kg wet								
Dibenzo(a,h)anthracene	ND	0.0417	mg/kg wet								
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	mg/kg wet								
Dimethyl phthalate	ND	0.0417	mg/kg wet								
Di-n-butyl phthalate	ND	0.0417	mg/kg wet								
Di-n-octyl phthalate	ND	0.0417	mg/kg wet								
Naphthalene	ND	0.0417	mg/kg wet								
Fluoranthene	ND	0.0417	mg/kg wet								
Fluorene	ND	0.0417	mg/kg wet								
Hexachlorobenzene	ND	0.0417	mg/kg wet								
Hexachlorobutadiene	ND	0.0417	mg/kg wet								
Hexachlorocyclopentadiene	ND	0.0417	mg/kg wet								
Hexachloroethane	ND	0.0417	mg/kg wet								
Indeno(1,2,3-cd)pyrene	ND	0.0417	mg/kg wet								
Isophorone	ND	0.0417	mg/kg wet								
Naphthalene	ND	0.0417	mg/kg wet								
Nitrobenzene	ND	0.0417	mg/kg wet								
N-Nitrosodimethylamine	ND	0.0417	mg/kg wet								
N-nitroso-di-n-propylamine	ND	0.0417	mg/kg wet								
N-Nitrosodiphenylamine	ND	0.0417	mg/kg wet								
Pentachlorophenol	ND	0.0417	mg/kg wet								
Phenanthrene	ND	0.0417	mg/kg wet								
Phenol	ND	0.0417	mg/kg wet								
Pyrene	ND	0.0417	mg/kg wet								
Pyridine	ND	0.167	mg/kg wet								
Hexachloroethane	ND	0.0417	mg/kg wet								
Nitrobenzene	ND	0.0417	mg/kg wet								
Surrogate: SURR: 2-Fluorophenol	*0.934*		*mg/kg wet*	*1.67*		*56.0*	*30-108*				
Surrogate: SURR: Phenol-d6	*0.921*		*mg/kg wet*	*1.67*		*55.3*	*30-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.506*		*mg/kg wet*	*0.833*		*60.7*	*30-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.407*		*mg/kg wet*	*0.833*		*48.9*	*30-113*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60440 - EPA 3545A											
Blank (BB60440-BLK1)								Prepared: 02/09/2026 Analyzed: 02/10/2026			
Surrogate: SURR: 2,4,6-Tribromophenol	*0.948*		*mg/kg wet*	*1.67*		*56.9*	*30-110*				
Surrogate: SURR: Terphenyl-d14	*0.419*		*mg/kg wet*	*0.833*		*50.3*	*30-116*				
LCS (BB60440-BS1)								Prepared: 02/09/2026 Analyzed: 02/10/2026			
1,1-Biphenyl	0.340	0.0417	mg/kg wet	0.833		40.8	70-111	Low Bias			
1,2,4,5-Tetrachlorobenzene	0.338	0.0833	mg/kg wet	0.833		40.6	70-130	Low Bias			
1,2,4-Trichlorobenzene	0.370	0.0417	mg/kg wet	0.833		44.4	10-140				
1,2-Dichlorobenzene	0.355	0.0417	mg/kg wet	0.833		42.6	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.356	0.0417	mg/kg wet	0.833		42.7	17-137				
1,3-Dichlorobenzene	0.341	0.0417	mg/kg wet	0.833		40.9	33-110				
1,4-Dichlorobenzene	0.349	0.0417	mg/kg wet	0.833		41.8	32-104				
2,3,4,6-Tetrachlorophenol	0.443	0.0833	mg/kg wet	0.833		53.2	70-130	Low Bias			
2,4,5-Trichlorophenol	0.352	0.0417	mg/kg wet	0.833		42.2	70-118	Low Bias			
2,4,6-Trichlorophenol	0.340	0.0417	mg/kg wet	0.833		40.8	70-120	Low Bias			
1,2,4-Trichlorobenzene	0.370	0.0417	mg/kg wet	0.833		44.4	10-140				
2,4-Dichlorophenol	0.396	0.0417	mg/kg wet	0.833		47.5	70-127	Low Bias			
2,4-Dimethylphenol	0.424	0.0417	mg/kg wet	0.833		50.9	70-130	Low Bias			
2,4-Dinitrophenol	ND	0.0833	mg/kg wet	0.833			20-160	Low Bias			
2,4-Dinitrotoluene	0.402	0.0417	mg/kg wet	0.833		48.3	70-130	Low Bias			
1,2-Dichlorobenzene	0.355	0.0417	mg/kg wet	0.833		42.6	34-108				
2,6-Dinitrotoluene	0.402	0.0417	mg/kg wet	0.833		48.2	70-128	Low Bias			
2-Chloronaphthalene	0.329	0.0417	mg/kg wet	0.833		39.5	70-117	Low Bias			
2-Chlorophenol	0.403	0.0417	mg/kg wet	0.833		48.3	70-113	Low Bias			
2-Methylnaphthalene	0.350	0.0417	mg/kg wet	0.833		42.0	70-130	Low Bias			
1,3-Dichlorobenzene	0.341	0.0417	mg/kg wet	0.833		40.9	33-110				
2-Methylphenol	0.387	0.0417	mg/kg wet	0.833		46.4	70-130	Low Bias			
2-Nitroaniline	0.435	0.0833	mg/kg wet	0.833		52.2	70-130	Low Bias			
1,4-Dichlorobenzene	0.349	0.0417	mg/kg wet	0.833		41.8	32-104				
2-Nitrophenol	0.360	0.0417	mg/kg wet	0.833		43.2	70-129	Low Bias			
3- & 4-Methylphenols	0.355	0.0417	mg/kg wet	0.833		42.6	29-103				
3,3-Dichlorobenzidine	0.328	0.0417	mg/kg wet	0.833		39.3	70-130	Low Bias			
3-Nitroaniline	0.404	0.0833	mg/kg wet	0.833		48.5	70-130	Low Bias			
4,6-Dinitro-2-methylphenol	0.0540	0.0833	mg/kg wet	0.833		6.48	70-130	Low Bias			
4-Bromophenyl phenyl ether	0.358	0.0417	mg/kg wet	0.833		43.0	70-120	Low Bias			
4-Chloro-3-methylphenol	0.456	0.0417	mg/kg wet	0.833		54.8	70-129	Low Bias			
4-Chloroaniline	0.209	0.0417	mg/kg wet	0.833		25.0	70-130	Low Bias			
4-Chlorophenyl phenyl ether	0.354	0.0417	mg/kg wet	0.833		42.5	70-124	Low Bias			
4-Nitroaniline	0.428	0.0833	mg/kg wet	0.833		51.4	70-128	Low Bias			
4-Nitrophenol	0.367	0.0833	mg/kg wet	0.833		44.0	20-141				
Acenaphthene	0.313	0.0417	mg/kg wet	0.833		37.6	70-121	Low Bias			
Acenaphthylene	0.353	0.0417	mg/kg wet	0.833		42.3	70-115	Low Bias			
Acetophenone	0.393	0.0417	mg/kg wet	0.833		47.2	70-112	Low Bias			
Aniline	0.304	0.167	mg/kg wet	0.833		36.5	10-119				
Anthracene	0.356	0.0417	mg/kg wet	0.833		42.7	70-118	Low Bias			
Atrazine	0.380	0.0417	mg/kg wet	0.833		45.6	70-112	Low Bias			
Benzaldehyde	0.378	0.0417	mg/kg wet	0.833		45.4	21-100				
Benzo(a)anthracene	0.347	0.0417	mg/kg wet	0.833		41.6	70-122	Low Bias			
Benzo(a)pyrene	0.211	0.0417	mg/kg wet	0.833		25.3	70-130	Low Bias			
Benzo(b)fluoranthene	0.243	0.0417	mg/kg wet	0.833		29.2	70-130	Low Bias			
Benzo(g,h,i)perylene	0.299	0.0417	mg/kg wet	0.833		35.8	70-130	Low Bias			
Benzo(k)fluoranthene	0.239	0.0417	mg/kg wet	0.833		28.7	70-128	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60440 - EPA 3545A											
LCS (BB60440-BS1)								Prepared: 02/09/2026 Analyzed: 02/10/2026			
Benzoic acid	0.0843	0.0417	mg/kg wet	0.833		10.1	10-140				
Benzyl alcohol	0.374	0.0417	mg/kg wet	0.833		44.9	30-115				
Benzyl butyl phthalate	0.381	0.0417	mg/kg wet	0.833		45.7	70-126	Low Bias			
Bis(2-chloroethoxy)methane	0.366	0.0417	mg/kg wet	0.833		43.9	70-130	Low Bias			
Bis(2-chloroethyl)ether	0.442	0.0417	mg/kg wet	0.833		53.1	70-125	Low Bias			
Bis(2-chloroisopropyl)ether	0.451	0.0417	mg/kg wet	0.833		54.1	70-130	Low Bias			
Bis(2-ethylhexyl)phthalate	0.330	0.0417	mg/kg wet	0.833		39.6	70-130	Low Bias			
Caprolactam	0.402	0.0833	mg/kg wet	0.833		48.2	20-127				
Carbazole	0.342	0.0417	mg/kg wet	0.833		41.1	70-123	Low Bias			
Hexachlorobutadiene	0.380	0.0417	mg/kg wet	0.833		45.6	70-130	Low Bias			
Chrysene	0.331	0.0417	mg/kg wet	0.833		39.7	70-123	Low Bias			
Dibenzo(a,h)anthracene	0.309	0.0417	mg/kg wet	0.833		37.1	70-130	Low Bias			
Dibenzofuran	0.336	0.0417	mg/kg wet	0.833		40.3	70-121	Low Bias			
Diethyl phthalate	0.345	0.0417	mg/kg wet	0.833		41.4	70-116	Low Bias			
Dimethyl phthalate	0.337	0.0417	mg/kg wet	0.833		40.4	70-124	Low Bias			
Di-n-butyl phthalate	0.363	0.0417	mg/kg wet	0.833		43.6	70-116	Low Bias			
Di-n-octyl phthalate	0.322	0.0417	mg/kg wet	0.833		38.6	70-130	Low Bias			
Naphthalene	0.370	0.0417	mg/kg wet	0.833		44.4	70-124	Low Bias			
Fluoranthene	0.354	0.0417	mg/kg wet	0.833		42.5	70-122	Low Bias			
Fluorene	0.335	0.0417	mg/kg wet	0.833		40.2	70-123	Low Bias			
Hexachlorobenzene	0.343	0.0417	mg/kg wet	0.833		41.2	70-124	Low Bias			
Hexachlorobutadiene	0.380	0.0417	mg/kg wet	0.833		45.6	70-130	Low Bias			
Hexachlorocyclopentadiene	0.0453	0.0417	mg/kg wet	0.833		5.44	20-129	Low Bias			
Hexachloroethane	0.328	0.0417	mg/kg wet	0.833		39.4	28-108				
Indeno(1,2,3-cd)pyrene	0.299	0.0417	mg/kg wet	0.833		35.8	70-130	Low Bias			
Isophorone	0.397	0.0417	mg/kg wet	0.833		47.7	70-130	Low Bias			
Naphthalene	0.370	0.0417	mg/kg wet	0.833		44.4	70-124	Low Bias			
Nitrobenzene	0.393	0.0417	mg/kg wet	0.833		47.2	70-130	Low Bias			
N-Nitrosodimethylamine	0.290	0.0417	mg/kg wet	0.833		34.8	11-129				
N-nitroso-di-n-propylamine	0.363	0.0417	mg/kg wet	0.833		43.6	70-119	Low Bias			
N-Nitrosodiphenylamine	0.387	0.0417	mg/kg wet	0.833		46.4	70-130	Low Bias			
Pentachlorophenol	0.229	0.0417	mg/kg wet	0.833		27.5	20-139				
Phenanthrene	0.330	0.0417	mg/kg wet	0.833		39.6	70-123	Low Bias			
Phenol	0.429	0.0417	mg/kg wet	0.833		51.5	23-115				
Pyrene	0.342	0.0417	mg/kg wet	0.833		41.0	70-130	Low Bias			
Pyridine	0.247	0.167	mg/kg wet	0.833		29.7	10-91				
Hexachloroethane	0.328	0.0417	mg/kg wet	0.833		39.4	28-108				
Nitrobenzene	0.393	0.0417	mg/kg wet	0.833		47.2	70-130	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.920*		*mg/kg wet*	*1.67*		*55.2*	*30-108*				
Surrogate: SURR: Phenol-d6	*0.926*		*mg/kg wet*	*1.67*		*55.6*	*30-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.498*		*mg/kg wet*	*0.833*		*59.7*	*30-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.405*		*mg/kg wet*	*0.833*		*48.6*	*30-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.929*		*mg/kg wet*	*1.67*		*55.8*	*30-110*				
Surrogate: SURR: Terphenyl-d14	*0.387*		*mg/kg wet*	*0.833*		*46.5*	*30-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60440 - EPA 3545A											
Matrix Spike (BB60440-MS1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/09/2026 Analyzed: 02/10/2026			
1,1-Biphenyl	0.200	0.0972	mg/kg dry	0.972	ND	20.6	70-130	Low Bias			
1,2,4,5-Tetrachlorobenzene	0.208	0.194	mg/kg dry	0.972	ND	21.4	70-130	Low Bias			
1,2,4-Trichlorobenzene	0.234	0.0972	mg/kg dry	0.972	ND	24.1	10-127				
1,2-Dichlorobenzene	0.236	0.0972	mg/kg dry	0.972	ND	24.2	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.208	0.0972	mg/kg dry	0.972	ND	21.4	10-144				
1,3-Dichlorobenzene	0.218	0.0972	mg/kg dry	0.972	ND	22.4	11-111				
1,4-Dichlorobenzene	0.210	0.0972	mg/kg dry	0.972	ND	21.6	10-106				
2,3,4,6-Tetrachlorophenol	0.283	0.194	mg/kg dry	0.972	ND	29.1	70-130	Low Bias			
2,4,5-Trichlorophenol	0.225	0.0972	mg/kg dry	0.972	ND	23.2	70-127	Low Bias			
2,4,6-Trichlorophenol	0.204	0.0972	mg/kg dry	0.972	ND	21.0	70-130	Low Bias			
1,2,4-Trichlorobenzene	0.234	0.0972	mg/kg dry	0.972	ND	24.1	10-127				
2,4-Dichlorophenol	0.242	0.0972	mg/kg dry	0.972	ND	24.9	70-128	Low Bias			
2,4-Dimethylphenol	0.233	0.0972	mg/kg dry	0.972	ND	24.0	70-130	Low Bias			
2,4-Dinitrophenol	ND	0.194	mg/kg dry	0.972	ND		20-160	Low Bias			
2,4-Dinitrotoluene	0.190	0.0972	mg/kg dry	0.972	ND	19.5	70-130	Low Bias			
1,2-Dichlorobenzene	0.236	0.0972	mg/kg dry	0.972	ND	24.2	14-111				
2,6-Dinitrotoluene	0.200	0.0972	mg/kg dry	0.972	ND	20.6	70-130	Low Bias			
2-Chloronaphthalene	0.204	0.0972	mg/kg dry	0.972	ND	21.0	70-129	Low Bias			
2-Chlorophenol	0.252	0.0972	mg/kg dry	0.972	ND	25.9	70-116	Low Bias			
2-Methylnaphthalene	0.215	0.0972	mg/kg dry	0.972	0.0560	16.4	70-130	Low Bias			
1,3-Dichlorobenzene	0.218	0.0972	mg/kg dry	0.972	ND	22.4	11-111				
2-Methylphenol	0.236	0.0972	mg/kg dry	0.972	ND	24.3	70-130	Low Bias			
2-Nitroaniline	0.250	0.194	mg/kg dry	0.972	ND	25.8	70-130	Low Bias			
1,4-Dichlorobenzene	0.210	0.0972	mg/kg dry	0.972	ND	21.6	10-106				
2-Nitrophenol	0.176	0.0972	mg/kg dry	0.972	ND	18.2	70-129	Low Bias			
3- & 4-Methylphenols	0.197	0.0972	mg/kg dry	0.972	ND	20.3	20-123				
3,3-Dichlorobenzidine	0.196	0.0972	mg/kg dry	0.972	ND	20.2	70-155	Low Bias			
3-Nitroaniline	0.246	0.194	mg/kg dry	0.972	ND	25.3	70-130	Low Bias			
4,6-Dinitro-2-methylphenol	ND	0.194	mg/kg dry	0.972	ND		70-130	Low Bias			
4-Bromophenyl phenyl ether	0.204	0.0972	mg/kg dry	0.972	ND	21.0	70-128	Low Bias			
4-Chloro-3-methylphenol	0.279	0.0972	mg/kg dry	0.972	ND	28.7	70-130	Low Bias			
4-Chloroaniline	0.168	0.0972	mg/kg dry	0.972	ND	17.3	70-130	Low Bias			
4-Chlorophenyl phenyl ether	0.200	0.0972	mg/kg dry	0.972	ND	20.6	70-130	Low Bias			
4-Nitroaniline	0.253	0.194	mg/kg dry	0.972	ND	26.1	70-130	Low Bias			
4-Nitrophenol	0.180	0.194	mg/kg dry	0.972	ND	18.5	20-137	Low Bias			
Acenaphthene	0.194	0.0972	mg/kg dry	0.972	0.0790	11.9	70-130	Low Bias			
Acenaphthylene	0.218	0.0972	mg/kg dry	0.972	ND	22.4	70-130	Low Bias			
Acetophenone	0.246	0.0972	mg/kg dry	0.972	ND	25.4	70-116	Low Bias			
Aniline	ND	0.389	mg/kg dry	0.972	ND		10-123	Low Bias			
Anthracene	0.211	0.0972	mg/kg dry	0.972	0.183	2.81	70-130	Low Bias			
Atrazine	0.238	0.0972	mg/kg dry	0.972	ND	24.5	70-115	Low Bias			
Benzaldehyde	0.245	0.0972	mg/kg dry	0.972	ND	25.2	20-125				
Benzo(a)anthracene	0.218	0.0972	mg/kg dry	0.972	0.312	NR	70-130	Low Bias			
Benzo(a)pyrene	0.219	0.0972	mg/kg dry	0.972	0.292	NR	70-130	Low Bias			
Benzo(b)fluoranthene	0.201	0.0972	mg/kg dry	0.972	0.239	NR	70-130	Low Bias			
Benzo(g,h,i)perylene	0.182	0.0972	mg/kg dry	0.972	0.178	0.404	70-130	Low Bias			
Benzo(k)fluoranthene	0.222	0.0972	mg/kg dry	0.972	0.297	NR	70-130	Low Bias			
Benzoic acid	ND	0.0972	mg/kg dry	0.972	ND		10-166	Low Bias			
Benzyl alcohol	0.204	0.0972	mg/kg dry	0.972	ND	21.0	12-124				
Benzyl butyl phthalate	0.336	0.0972	mg/kg dry	0.972	ND	34.6	70-130	Low Bias			
Bis(2-chloroethoxy)methane	0.227	0.0972	mg/kg dry	0.972	ND	23.4	70-130	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60440 - EPA 3545A											
Matrix Spike (BB60440-MS1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/09/2026 Analyzed: 02/10/2026			
Bis(2-chloroethyl)ether	0.267	0.0972	mg/kg dry	0.972	ND	27.5	70-119	Low Bias			
Bis(2-chloroisopropyl)ether	0.308	0.0972	mg/kg dry	0.972	ND	31.7	70-130	Low Bias			
Bis(2-ethylhexyl)phthalate	0.302	0.0972	mg/kg dry	0.972	ND	31.0	70-130	Low Bias			
Caprolactam	0.289	0.194	mg/kg dry	0.972	ND	29.8	20-132				
Carbazole	0.205	0.0972	mg/kg dry	0.972	0.0706	13.9	70-130	Low Bias			
Hexachlorobutadiene	0.236	0.0972	mg/kg dry	0.972	ND	24.2	70-130	Low Bias			
Chrysene	0.216	0.0972	mg/kg dry	0.972	0.343	NR	70-130	Low Bias			
Dibenzo(a,h)anthracene	0.180	0.0972	mg/kg dry	0.972	0.0491	13.4	70-130	Low Bias			
Dibenzofuran	0.210	0.0972	mg/kg dry	0.972	0.0706	14.3	70-130	Low Bias			
Diethyl phthalate	0.213	0.0972	mg/kg dry	0.972	ND	21.9	70-120	Low Bias			
Dimethyl phthalate	0.208	0.0972	mg/kg dry	0.972	ND	21.4	70-130	Low Bias			
Di-n-butyl phthalate	0.223	0.0972	mg/kg dry	0.972	ND	23.0	70-130	Low Bias			
Di-n-octyl phthalate	0.314	0.0972	mg/kg dry	0.972	ND	32.3	70-130	Low Bias			
Naphthalene	0.250	0.0972	mg/kg dry	0.972	0.0798	17.5	70-130	Low Bias			
Fluoranthene	0.224	0.0972	mg/kg dry	0.972	0.650	NR	70-130	Low Bias			
Fluorene	0.211	0.0972	mg/kg dry	0.972	0.0560	15.9	70-130	Low Bias			
Hexachlorobenzene	0.220	0.0972	mg/kg dry	0.972	ND	22.6	70-130	Low Bias			
Hexachlorobutadiene	0.236	0.0972	mg/kg dry	0.972	ND	24.2	70-130	Low Bias			
Hexachlorocyclopentadiene	ND	0.0972	mg/kg dry	0.972	ND		20-106	Low Bias			
Hexachloroethane	0.187	0.0972	mg/kg dry	0.972	ND	19.2	20-110	Low Bias			
Indeno(1,2,3-cd)pyrene	0.179	0.0972	mg/kg dry	0.972	0.141	3.87	70-130	Low Bias			
Isophorone	0.253	0.0972	mg/kg dry	0.972	ND	26.0	70-130	Low Bias			
Naphthalene	0.250	0.0972	mg/kg dry	0.972	0.0798	17.5	70-130	Low Bias			
Nitrobenzene	0.236	0.0972	mg/kg dry	0.972	ND	24.2	70-130	Low Bias			
N-Nitrosodimethylamine	0.174	0.0972	mg/kg dry	0.972	ND	17.9	10-126				
N-nitroso-di-n-propylamine	0.236	0.0972	mg/kg dry	0.972	ND	24.2	70-125	Low Bias			
N-Nitrosodiphenylamine	0.214	0.0972	mg/kg dry	0.972	ND	22.0	70-130	Low Bias			
Pentachlorophenol	0.0956	0.0972	mg/kg dry	0.972	ND	9.84	20-153	Low Bias			
Phenanthrene	0.204	0.0972	mg/kg dry	0.972	0.859	NR	70-130	Low Bias			
Phenol	0.259	0.0972	mg/kg dry	0.972	ND	26.6	20-126				
Pyrene	0.412	0.0972	mg/kg dry	0.972	0.832	NR	70-130	Low Bias			
Pyridine	ND	0.389	mg/kg dry	0.972	ND		10-83	Low Bias			
Hexachloroethane	0.187	0.0972	mg/kg dry	0.972	ND	19.2	20-110	Low Bias			
Nitrobenzene	0.236	0.0972	mg/kg dry	0.972	ND	24.2	70-130	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.791*		*mg/kg dry*	*1.94*		*40.7*	*30-108*				
Surrogate: SURR: Phenol-d6	*0.784*		*mg/kg dry*	*1.94*		*40.4*	*30-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.452*		*mg/kg dry*	*0.972*		*46.5*	*30-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.354*		*mg/kg dry*	*0.972*		*36.4*	*30-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.758*		*mg/kg dry*	*1.94*		*39.0*	*30-110*				
Surrogate: SURR: Terphenyl-d14	*0.603*		*mg/kg dry*	*0.972*		*62.1*	*30-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60440 - EPA 3545A											
Matrix Spike Dup (BB60440-MSD1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/09/2026 Analyzed: 02/10/2026			
1,1-Biphenyl	0.140	0.0972	mg/kg dry	0.972	ND	14.4	70-130	Low Bias	35.2	30	Non-dir.
1,2,4,5-Tetrachlorobenzene	0.142	0.194	mg/kg dry	0.972	ND	14.6	70-130	Low Bias	37.3	30	Non-dir.
1,2,4-Trichlorobenzene	0.165	0.0972	mg/kg dry	0.972	ND	17.0	10-127		34.7	30	Non-dir.
1,2-Dichlorobenzene	0.176	0.0972	mg/kg dry	0.972	ND	18.2	14-111		28.7	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.127	0.0972	mg/kg dry	0.972	ND	13.0	10-144		48.4	30	Non-dir.
1,3-Dichlorobenzene	0.168	0.0972	mg/kg dry	0.972	ND	17.3	11-111		25.8	30	
1,4-Dichlorobenzene	0.162	0.0972	mg/kg dry	0.972	ND	16.7	10-106		25.5	30	
2,3,4,6-Tetrachlorophenol	0.182	0.194	mg/kg dry	0.972	ND	18.7	70-130	Low Bias	43.5	30	Non-dir.
2,4,5-Trichlorophenol	0.148	0.0972	mg/kg dry	0.972	ND	15.3	70-127	Low Bias	41.2	30	Non-dir.
2,4,6-Trichlorophenol	0.131	0.0972	mg/kg dry	0.972	ND	13.5	70-130	Low Bias	43.2	30	Non-dir.
1,2,4-Trichlorobenzene	0.165	0.0972	mg/kg dry	0.972	ND	17.0	10-127		34.7	30	Non-dir.
2,4-Dichlorophenol	0.154	0.0972	mg/kg dry	0.972	ND	15.8	70-128	Low Bias	44.4	30	Non-dir.
2,4-Dimethylphenol	0.0668	0.0972	mg/kg dry	0.972	ND	6.88	70-130	Low Bias	111	30	Non-dir.
2,4-Dinitrophenol	ND	0.194	mg/kg dry	0.972	ND		20-160	Low Bias		30	
2,4-Dinitrotoluene	0.115	0.0972	mg/kg dry	0.972	ND	11.8	70-130	Low Bias	49.0	30	Non-dir.
1,2-Dichlorobenzene	0.176	0.0972	mg/kg dry	0.972	ND	18.2	14-111		28.7	30	
2,6-Dinitrotoluene	0.134	0.0972	mg/kg dry	0.972	ND	13.8	70-130	Low Bias	39.6	30	Non-dir.
2-Chloronaphthalene	0.139	0.0972	mg/kg dry	0.972	ND	14.3	70-129	Low Bias	37.6	30	Non-dir.
2-Chlorophenol	0.162	0.0972	mg/kg dry	0.972	ND	16.7	70-116	Low Bias	43.2	30	Non-dir.
2-Methylnaphthalene	0.151	0.0972	mg/kg dry	0.972	0.0560	9.76	70-130	Low Bias	35.2	30	Non-dir.
1,3-Dichlorobenzene	0.168	0.0972	mg/kg dry	0.972	ND	17.3	11-111		25.8	30	
2-Methylphenol	0.126	0.0972	mg/kg dry	0.972	ND	13.0	70-130	Low Bias	60.9	30	Non-dir.
2-Nitroaniline	0.166	0.194	mg/kg dry	0.972	ND	17.0	70-130	Low Bias	40.7	30	Non-dir.
1,4-Dichlorobenzene	0.162	0.0972	mg/kg dry	0.972	ND	16.7	10-106		25.5	30	
2-Nitrophenol	0.117	0.0972	mg/kg dry	0.972	ND	12.0	70-129	Low Bias	40.8	30	Non-dir.
3- & 4-Methylphenols	0.122	0.0972	mg/kg dry	0.972	ND	12.6	20-123	Low Bias	47.2	30	Non-dir.
3,3-Dichlorobenzidine	0.128	0.0972	mg/kg dry	0.972	ND	13.2	70-155	Low Bias	41.7	30	Non-dir.
3-Nitroaniline	0.159	0.194	mg/kg dry	0.972	ND	16.3	70-130	Low Bias	43.1	30	Non-dir.
4,6-Dinitro-2-methylphenol	ND	0.194	mg/kg dry	0.972	ND		70-130	Low Bias		30	
4-Bromophenyl phenyl ether	0.135	0.0972	mg/kg dry	0.972	ND	13.9	70-128	Low Bias	40.4	30	Non-dir.
4-Chloro-3-methylphenol	0.178	0.0972	mg/kg dry	0.972	ND	18.3	70-130	Low Bias	44.2	30	Non-dir.
4-Chloroaniline	0.124	0.0972	mg/kg dry	0.972	ND	12.7	70-130	Low Bias	30.4	30	Non-dir.
4-Chlorophenyl phenyl ether	0.141	0.0972	mg/kg dry	0.972	ND	14.5	70-130	Low Bias	34.7	30	Non-dir.
4-Nitroaniline	0.134	0.194	mg/kg dry	0.972	ND	13.8	70-130	Low Bias	61.3	30	Non-dir.
4-Nitrophenol	0.127	0.194	mg/kg dry	0.972	ND	13.0	20-137	Low Bias	34.5	30	Non-dir.
Acenaphthene	0.133	0.0972	mg/kg dry	0.972	0.0790	5.55	70-130	Low Bias	37.5	30	Non-dir.
Acenaphthylene	0.141	0.0972	mg/kg dry	0.972	ND	14.5	70-130	Low Bias	43.0	30	Non-dir.
Acetophenone	0.172	0.0972	mg/kg dry	0.972	ND	17.7	70-116	Low Bias	35.7	30	Non-dir.
Aniline	0.250	0.389	mg/kg dry	0.972	ND	25.8	10-123			30	
Anthracene	0.136	0.0972	mg/kg dry	0.972	0.183	NR	70-130	Low Bias	43.0	30	Non-dir.
Atrazine	0.149	0.0972	mg/kg dry	0.972	ND	15.4	70-115	Low Bias	45.8	30	Non-dir.
Benzaldehyde	0.177	0.0972	mg/kg dry	0.972	ND	18.2	20-125	Low Bias	32.0	30	Non-dir.
Benzo(a)anthracene	0.155	0.0972	mg/kg dry	0.972	0.312	NR	70-130	Low Bias	33.7	30	Non-dir.
Benzo(a)pyrene	0.0902	0.0972	mg/kg dry	0.972	0.292	NR	70-130	Low Bias	83.4	30	Non-dir.
Benzo(b)fluoranthene	0.0801	0.0972	mg/kg dry	0.972	0.239	NR	70-130	Low Bias	85.9	30	Non-dir.
Benzo(g,h,i)perylene	0.117	0.0972	mg/kg dry	0.972	0.178	NR	70-130	Low Bias	43.8	30	Non-dir.
Benzo(k)fluoranthene	0.0847	0.0972	mg/kg dry	0.972	0.297	NR	70-130	Low Bias	89.3	30	Non-dir.
Benzoic acid	ND	0.0972	mg/kg dry	0.972	ND		10-166	Low Bias		30	
Benzyl alcohol	0.132	0.0972	mg/kg dry	0.972	ND	13.6	12-124		42.6	30	Non-dir.
Benzyl butyl phthalate	0.186	0.0972	mg/kg dry	0.972	ND	19.1	70-130	Low Bias	57.5	30	Non-dir.
Bis(2-chloroethoxy)methane	0.155	0.0972	mg/kg dry	0.972	ND	15.9	70-130	Low Bias	37.9	30	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60440 - EPA 3545A											
Matrix Spike Dup (BB60440-MSD1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/09/2026 Analyzed: 02/10/2026			
Bis(2-chloroethyl)ether	0.364	0.0972	mg/kg dry	0.972	ND	37.4	70-119	Low Bias	30.5	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.222	0.0972	mg/kg dry	0.972	ND	22.9	70-130	Low Bias	32.3	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.162	0.0972	mg/kg dry	0.972	ND	16.7	70-130	Low Bias	60.0	30	Non-dir.
Caprolactam	0.155	0.194	mg/kg dry	0.972	ND	16.0	20-132	Low Bias	60.1	30	Non-dir.
Carbazole	0.136	0.0972	mg/kg dry	0.972	0.0706	6.74	70-130	Low Bias	40.5	30	Non-dir.
Hexachlorobutadiene	0.176	0.0972	mg/kg dry	0.972	ND	18.2	70-130	Low Bias	28.7	30	
Chrysene	0.129	0.0972	mg/kg dry	0.972	0.343	NR	70-130	Low Bias	50.5	30	Non-dir.
Dibenzo(a,h)anthracene	0.120	0.0972	mg/kg dry	0.972	0.0491	7.27	70-130	Low Bias	40.0	30	Non-dir.
Dibenzofuran	0.138	0.0972	mg/kg dry	0.972	0.0706	6.98	70-130	Low Bias	41.1	30	Non-dir.
Diethyl phthalate	0.142	0.0972	mg/kg dry	0.972	ND	14.6	70-120	Low Bias	39.8	30	Non-dir.
Dimethyl phthalate	0.135	0.0972	mg/kg dry	0.972	ND	13.9	70-130	Low Bias	42.5	30	Non-dir.
Di-n-butyl phthalate	0.146	0.0972	mg/kg dry	0.972	ND	15.0	70-130	Low Bias	41.7	30	Non-dir.
Di-n-octyl phthalate	ND	0.0972	mg/kg dry	0.972	ND		70-130	Low Bias		30	
Naphthalene	0.170	0.0972	mg/kg dry	0.972	0.0798	9.31	70-130	Low Bias	38.1	30	Non-dir.
Fluoranthene	0.147	0.0972	mg/kg dry	0.972	0.650	NR	70-130	Low Bias	41.5	30	Non-dir.
Fluorene	0.139	0.0972	mg/kg dry	0.972	0.0560	8.56	70-130	Low Bias	40.9	30	Non-dir.
Hexachlorobenzene	0.132	0.0972	mg/kg dry	0.972	ND	13.6	70-130	Low Bias	49.9	30	Non-dir.
Hexachlorobutadiene	0.176	0.0972	mg/kg dry	0.972	ND	18.2	70-130	Low Bias	28.7	30	
Hexachlorocyclopentadiene	ND	0.0972	mg/kg dry	0.972	ND		20-106	Low Bias		30	
Hexachloroethane	0.132	0.0972	mg/kg dry	0.972	ND	13.6	20-110	Low Bias	34.1	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.116	0.0972	mg/kg dry	0.972	0.141	NR	70-130	Low Bias	42.7	30	Non-dir.
Isophorone	0.168	0.0972	mg/kg dry	0.972	ND	17.3	70-130	Low Bias	40.3	30	Non-dir.
Naphthalene	0.170	0.0972	mg/kg dry	0.972	0.0798	9.31	70-130	Low Bias	38.1	30	Non-dir.
Nitrobenzene	0.161	0.0972	mg/kg dry	0.972	ND	16.6	70-130	Low Bias	37.6	30	Non-dir.
N-Nitrosodimethylamine	0.113	0.0972	mg/kg dry	0.972	ND	11.6	10-126		42.8	30	Non-dir.
N-nitroso-di-n-propylamine	0.155	0.0972	mg/kg dry	0.972	ND	16.0	70-125	Low Bias	41.0	30	Non-dir.
N-Nitrosodiphenylamine	0.122	0.0972	mg/kg dry	0.972	ND	12.6	70-130	Low Bias	54.6	30	Non-dir.
Pentachlorophenol	ND	0.0972	mg/kg dry	0.972	ND		20-153	Low Bias		30	
Phenanthrene	0.135	0.0972	mg/kg dry	0.972	0.859	NR	70-130	Low Bias	40.7	30	Non-dir.
Phenol	0.181	0.0972	mg/kg dry	0.972	ND	18.6	20-126	Low Bias	35.3	30	Non-dir.
Pyrene	0.167	0.0972	mg/kg dry	0.972	0.832	NR	70-130	Low Bias	84.6	30	Non-dir.
Pyridine	ND	0.389	mg/kg dry	0.972	ND		10-83	Low Bias		30	
Hexachloroethane	0.132	0.0972	mg/kg dry	0.972	ND	13.6	20-110	Low Bias	34.1	30	Non-dir.
Nitrobenzene	0.161	0.0972	mg/kg dry	0.972	ND	16.6	70-130	Low Bias	37.6	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*0.974*		*mg/kg dry*	*1.94*		*50.1*	*30-108*				
Surrogate: SURR: Phenol-d6	*0.935*		*mg/kg dry*	*1.94*		*48.1*	*30-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.532*		*mg/kg dry*	*0.972*		*54.8*	*30-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.424*		*mg/kg dry*	*0.972*		*43.7*	*30-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.929*		*mg/kg dry*	*1.94*		*47.8*	*30-110*				
Surrogate: SURR: Terphenyl-d14	*0.483*		*mg/kg dry*	*0.972*		*49.7*	*30-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60263 - EPA 3510C											
Blank (BB60263-BLK1)								Prepared & Analyzed: 02/05/2026			
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	ug/L								
Anthracene	ND	0.0500	ug/L								
Atrazine	ND	0.500	ug/L								
Benzo(a)anthracene	ND	0.0500	ug/L								
Benzo(a)pyrene	ND	0.0500	ug/L								
Benzo(b)fluoranthene	ND	0.0500	ug/L								
Benzo(g,h,i)perylene	ND	0.0500	ug/L								
Benzo(k)fluoranthene	ND	0.0500	ug/L								
Bis(2-ethylhexyl)phthalate	ND	0.500	ug/L								
Hexachlorobutadiene	ND	0.500	ug/L								
Chrysene	ND	0.0500	ug/L								
Dibenzo(a,h)anthracene	ND	0.0500	ug/L								
Naphthalene	0.268	0.0500	ug/L								
Fluoranthene	ND	0.0500	ug/L								
Fluorene	ND	0.0500	ug/L								
Hexachlorobenzene	ND	0.0200	ug/L								
Hexachlorobutadiene	ND	0.500	ug/L								
Hexachloroethane	ND	0.500	ug/L								
Indeno(1,2,3-cd)pyrene	ND	0.0500	ug/L								
Naphthalene	0.268	0.0500	ug/L								
Nitrobenzene	ND	0.250	ug/L								
N-Nitrosodimethylamine	ND	0.500	ug/L								
Pentachlorophenol	ND	0.250	ug/L								
Phenanthrene	ND	0.0500	ug/L								
Pyrene	ND	0.0500	ug/L								
Hexachloroethane	ND	0.500	ug/L								
Nitrobenzene	ND	0.250	ug/L								

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60263 - EPA 3510C											
LCS (BB60263-BS2)							Prepared & Analyzed: 02/05/2026				
Acenaphthene	0.589	0.0500	ug/L	1.00		58.9	25-116				
Acenaphthylene	0.643	0.0500	ug/L	1.00		64.3	26-116				
Anthracene	0.537	0.0500	ug/L	1.00		53.7	25-123				
Benzo(a)anthracene	0.587	0.0500	ug/L	1.00		58.7	33-125				
Benzo(a)pyrene	0.631	0.0500	ug/L	1.00		63.1	32-132				
Benzo(b)fluoranthene	0.539	0.0500	ug/L	1.00		53.9	22-137				
Benzo(g,h,i)perylene	0.823	0.0500	ug/L	1.00		82.3	10-138				
Benzo(k)fluoranthene	0.788	0.0500	ug/L	1.00		78.8	20-137				
Bis(2-ethylhexyl)phthalate	0.819	0.500	ug/L	1.00		81.9	10-189				
Hexachlorobutadiene	0.537	0.500	ug/L	1.00		53.7	15-123				
Chrysene	0.836	0.0500	ug/L	1.00		83.6	32-124				
Dibenzo(a,h)anthracene	0.847	0.0500	ug/L	1.00		84.7	16-133				
Naphthalene	0.581	0.0500	ug/L	1.00		58.1	18-120				
Fluoranthene	0.656	0.0500	ug/L	1.00		65.6	32-121				
Fluorene	0.600	0.0500	ug/L	1.00		60.0	28-118				
Hexachlorobenzene	0.714	0.0200	ug/L	1.00		71.4	23-124				
Hexachlorobutadiene	0.537	0.500	ug/L	1.00		53.7	15-123				
Hexachloroethane	2.89	0.500	ug/L	1.00		289	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.764	0.0500	ug/L	1.00		76.4	15-135				
Naphthalene	0.581	0.0500	ug/L	1.00		58.1	18-120				
Nitrobenzene	0.424	0.250	ug/L	1.00		42.4	21-121				
N-Nitrosodimethylamine	ND	0.500	ug/L	1.00			10-124	Low Bias			
Pentachlorophenol	ND	0.250	ug/L	1.00			10-156	Low Bias			
Phenanthrene	0.612	0.0500	ug/L	1.00		61.2	24-127				
Pyrene	0.680	0.0500	ug/L	1.00		68.0	31-132				
Hexachloroethane	2.89	0.500	ug/L	1.00		289	18-115	High Bias			
Nitrobenzene	0.424	0.250	ug/L	1.00		42.4	21-121				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60324 - EPA 1633 Prep											
Blank (BB60324-BLK1)											
								Prepared: 02/06/2026 Analyzed: 02/14/2026			
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	ng/L								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	ng/L								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	ng/L								
Perfluorooctanoic acid (PFOA)	ND	2.00	ng/L								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	ng/L								
Perfluorononanoic acid (PFNA)	ND	2.00	ng/L								
Perfluorodecanoic acid (PFDA)	ND	2.00	ng/L								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	ng/L								
Perfluorododecanoic acid (PFDoA)	ND	2.00	ng/L								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	ng/L								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	ng/L								
N-MeFOSAA	ND	2.00	ng/L								
N-EtFOSAA	ND	2.00	ng/L								
Perfluoropentanoic acid (PFPeA)	ND	4.00	ng/L								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	ng/L								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	ng/L								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	ng/L								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	ng/L								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	ng/L								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	ng/L								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	ng/L								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	ng/L								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	ng/L								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	ng/L								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	ng/L								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	ng/L								
HFPO-DA (Gen-X)	ND	8.00	ng/L								
11CL-PF3OUdS	ND	7.56	ng/L								
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	ng/L								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	ng/L								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	ng/L								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	10.0	ng/L								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	50.0	ng/L								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	50.0	ng/L								
N-MeFOSE	ND	20.0	ng/L								
N-MeFOSA	ND	2.00	ng/L								
N-EtFOSE	ND	20.0	ng/L								
N-EtFOSA	ND	2.00	ng/L								
Surrogate: M3PFBS	*25.5*		*ng/L*	*19.4*		*131*	*40-135*				
Surrogate: M5PFHxA	*27.8*		*ng/L*	*20.8*		*133*	*40-130*				
Surrogate: M4PFHpA	*26.0*		*ng/L*	*20.8*		*125*	*40-130*				
Surrogate: M3PFHxS	*24.4*		*ng/L*	*19.8*		*123*	*40-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60324 - EPA 1633 Prep											
Blank (BB60324-BLK1)								Prepared: 02/06/2026 Analyzed: 02/14/2026			
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*26.9*		*ng/L*	*20.8*		*129*	*40-130*				
Surrogate: M6PFDA	*13.1*		*ng/L*	*10.4*		*126*	*40-130*				
Surrogate: M7PFUdA	*13.1*		*ng/L*	*10.4*		*126*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.5*		*ng/L*	*10.4*		*110*	*10-130*				
Surrogate: M2PFTeDA	*9.31*		*ng/L*	*10.4*		*89.5*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*105*		*ng/L*	*83.5*		*126*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*26.9*		*ng/L*	*20.0*		*135*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*54.4*		*ng/L*	*41.6*		*131*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.9*		*ng/L*	*20.8*		*148*	*40-130*				
Surrogate: d3-N-MeFOSAA	*61.0*		*ng/L*	*41.6*		*146*	*40-170*				
Surrogate: d5-N-EtFOSAA	*56.3*		*ng/L*	*41.6*		*135*	*25-135*				
Surrogate: M2-6:2 FTS	*61.5*		*ng/L*	*39.6*		*155*	*40-200*				
Surrogate: M2-8:2 FTS	*61.1*		*ng/L*	*40.0*		*153*	*40-300*				
Surrogate: M9PFNA	*14.0*		*ng/L*	*10.4*		*135*	*40-130*				
Surrogate: M2-4:2 FTS	*66.3*		*ng/L*	*39.1*		*170*	*40-200*				
Surrogate: d-N-MeFOSA	*27.6*		*ng/L*	*20.8*		*132*	*10-130*				
Surrogate: d-N-EtFOSA	*23.0*		*ng/L*	*20.8*		*110*	*10-130*				
Surrogate: M3HFPO-DA	*101*		*ng/L*	*83.5*		*121*	*40-130*				
Surrogate: d9-N-EtFOSE	*195*		*ng/L*	*208*		*93.3*	*10-130*				
Surrogate: d7-N-MeFOSE	*200*		*ng/L*	*208*		*95.8*	*10-130*				
LCS (BB60324-BS1)								Prepared: 02/06/2026 Analyzed: 02/14/2026			
Perfluorobutanesulfonic acid (PFBS)	37.4	1.77	ng/L	35.4		106	60-145				
Perfluorohexanoic acid (PFHxA)	42.4	2.00	ng/L	40.0		106	70-145				
Perfluoroheptanoic acid (PFHpA)	46.4	2.00	ng/L	40.0		116	70-150				
Perfluorohexanesulfonic acid (PFHxS)	38.3	1.83	ng/L	36.6		105	65-145				
Perfluorooctanoic acid (PFOA)	46.0	2.00	ng/L	40.0		115	70-150				
Perfluorooctanesulfonic acid (PFOS)	41.1	1.86	ng/L	37.2		111	55-150				
Perfluorononanoic acid (PFNA)	44.0	2.00	ng/L	40.0		110	70-150				
Perfluorodecanoic acid (PFDA)	41.5	2.00	ng/L	40.0		104	70-140				
Perfluoroundecanoic acid (PFUnA)	42.7	2.00	ng/L	40.0		107	70-145				
Perfluorododecanoic acid (PFDoA)	48.1	2.00	ng/L	40.0		120	70-140				
Perfluorotridecanoic acid (PFTrDA)	57.4	2.00	ng/L	40.0		143	65-140	High Bias			
Perfluorotetradecanoic acid (PFTA)	46.4	2.00	ng/L	40.0		116	60-140				
N-MeFOSAA	45.5	2.00	ng/L	40.0		114	50-140				
N-EtFOSAA	41.7	2.00	ng/L	40.0		104	70-145				
Perfluoropentanoic acid (PFPeA)	85.7	4.00	ng/L	80.0		107	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	43.5	2.00	ng/L	40.0		109	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	43.9	1.91	ng/L	38.2		115	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	34.1	1.93	ng/L	38.6		88.4	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	161	7.60	ng/L	152		106	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	169	7.68	ng/L	154		110	60-150				
Perfluoro-n-butanoic acid (PFBA)	171	8.00	ng/L	160		107	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	68.0	3.56	ng/L	71.2		95.6	70-140				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60324 - EPA 1633 Prep											
LCS (BB60324-BS1)								Prepared: 02/06/2026 Analyzed: 02/14/2026			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	83.8	4.00	ng/L	80.0		105	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	87.3	4.00	ng/L	80.0		109	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	84.9	4.00	ng/L	80.0		106	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	41.8	1.88	ng/L	37.6		111	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	163	7.50	ng/L	150		109	70-145				
HFPO-DA (Gen-X)	78.1	8.00	ng/L	80.0		97.7	70-140				
11CL-PF3OUdS	43.7	7.56	ng/L	75.6		57.8	55-160				
9CL-PF3ONS	54.3	7.48	ng/L	74.8		72.7	70-155				
ADONA	87.1	7.56	ng/L	75.6		115	65-145				
Perfluorododecanesulfonic acid (PFDoS)	23.4	1.94	ng/L	38.8		60.2	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	38.8	1.92	ng/L	38.4		101	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	217	10.0	ng/L	160		135	65-130	High Bias			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	1060	50.0	ng/L	800		133	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	1040	50.0	ng/L	800		130	50-145				
N-MeFOSE	427	20.0	ng/L	400		107	70-145				
N-MeFOSA	42.2	2.00	ng/L	40.0		106	60-150				
N-EtFOSE	404	20.0	ng/L	400		101	70-135				
N-EtFOSA	37.9	2.00	ng/L	40.0		94.7	65-145				
Surrogate: M3PFBS	*28.5*		*ng/L*	*19.4*		*147*	*40-135*				
Surrogate: M5PFHxA	*29.7*		*ng/L*	*20.8*		*142*	*40-130*				
Surrogate: M4PFHpA	*27.8*		*ng/L*	*20.8*		*133*	*40-130*				
Surrogate: M3PFHxS	*24.8*		*ng/L*	*19.8*		*126*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.7*		*ng/L*	*20.8*		*138*	*40-130*				
Surrogate: M6PFDA	*14.9*		*ng/L*	*10.4*		*143*	*40-130*				
Surrogate: M7PFUdA	*14.0*		*ng/L*	*10.4*		*134*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.1*		*ng/L*	*10.4*		*107*	*10-130*				
Surrogate: M2PFTeDA	*7.26*		*ng/L*	*10.4*		*69.9*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*112*		*ng/L*	*83.5*		*134*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*20.9*		*ng/L*	*20.0*		*105*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*58.1*		*ng/L*	*41.6*		*139*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.8*		*ng/L*	*20.8*		*143*	*40-130*				
Surrogate: d3-N-MeFOSAA	*59.4*		*ng/L*	*41.6*		*143*	*40-170*				
Surrogate: d5-N-EtFOSAA	*56.7*		*ng/L*	*41.6*		*136*	*25-135*				
Surrogate: M2-6:2 FTS	*58.2*		*ng/L*	*39.6*		*147*	*40-200*				
Surrogate: M2-8:2 FTS	*56.8*		*ng/L*	*40.0*		*142*	*40-300*				
Surrogate: M9PFNA	*15.1*		*ng/L*	*10.4*		*145*	*40-130*				
Surrogate: M2-4:2 FTS	*58.4*		*ng/L*	*39.1*		*149*	*40-200*				
Surrogate: d-N-MeFOSA	*24.5*		*ng/L*	*20.8*		*117*	*10-130*				
Surrogate: d-N-EtFOSA	*22.5*		*ng/L*	*20.8*		*108*	*10-130*				
Surrogate: M3HFPO-DA	*111*		*ng/L*	*83.5*		*133*	*40-130*				
Surrogate: d9-N-EtFOSE	*172*		*ng/L*	*208*		*82.3*	*10-130*				
Surrogate: d7-N-MeFOSE	*207*		*ng/L*	*208*		*99.3*	*10-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60324 - EPA 1633 Prep											
LCS (BB60324-BS2)								Prepared: 02/06/2026 Analyzed: 02/14/2026			
Perfluorobutanesulfonic acid (PFBS)	3.90	1.77	ng/L	3.54		110	60-145				
Perfluorohexanoic acid (PFHxA)	4.27	2.00	ng/L	4.00		107	70-145				
Perfluoroheptanoic acid (PFHpA)	4.47	2.00	ng/L	4.00		112	70-150				
Perfluorohexanesulfonic acid (PFHxS)	3.71	1.83	ng/L	3.66		101	65-145				
Perfluorooctanoic acid (PFOA)	4.24	2.00	ng/L	4.00		106	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.50	1.86	ng/L	3.72		94.0	55-150				
Perfluorononanoic acid (PFNA)	4.00	2.00	ng/L	4.00		100	70-150				
Perfluorodecanoic acid (PFDA)	3.93	2.00	ng/L	4.00		98.3	70-140				
Perfluoroundecanoic acid (PFUnA)	4.03	2.00	ng/L	4.00		101	70-145				
Perfluorododecanoic acid (PFDoA)	3.99	2.00	ng/L	4.00		99.9	70-140				
Perfluorotridecanoic acid (PFTrDA)	4.03	2.00	ng/L	4.00		101	65-140				
Perfluorotetradecanoic acid (PFTA)	3.52	2.00	ng/L	4.00		87.9	60-140				
N-MeFOSAA	3.87	2.00	ng/L	4.00		96.7	50-140				
N-EtFOSAA	3.67	2.00	ng/L	4.00		91.7	70-145				
Perfluoropentanoic acid (PFPeA)	8.35	4.00	ng/L	8.00		104	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	4.24	2.00	ng/L	4.00		106	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.10	1.91	ng/L	3.82		107	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.34	1.93	ng/L	3.86		86.4	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.4	7.60	ng/L	15.2		108	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.9	7.68	ng/L	15.4		110	60-150				
Perfluoro-n-butanoic acid (PFBA)	16.9	8.00	ng/L	16.0		106	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.27	3.56	ng/L	7.12		102	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.06	4.00	ng/L	8.00		101	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.49	4.00	ng/L	8.00		106	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.26	4.00	ng/L	8.00		103	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.78	1.88	ng/L	3.76		101	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.9	7.50	ng/L	15.0		106	70-145				
HFPO-DA (Gen-X)	11.1	8.00	ng/L	8.00		139	70-140				
11CL-PF3OUdS	9.31	7.56	ng/L	7.56		123	55-160				
9CL-PF3ONS	10.3	7.48	ng/L	7.48		138	70-155				
ADONA	10.7	7.56	ng/L	7.56		141	65-145				
Perfluorododecanesulfonic acid (PFDoS)	2.93	1.94	ng/L	3.88		75.4	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.46	1.92	ng/L	3.84		116	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	21.0	10.0	ng/L	16.0		131	65-130	High Bias			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	97.4	50.0	ng/L	80.0		122	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	97.7	50.0	ng/L	80.0		122	50-145				
N-MeFOSE	32.4	20.0	ng/L	40.0		80.9	70-145				
N-MeFOSA	2.98	2.00	ng/L	4.00		74.4	60-150				
N-EtFOSE	33.3	20.0	ng/L	40.0		83.2	70-135				
N-EtFOSA	3.29	2.00	ng/L	4.00		82.1	65-145				
Surrogate: M3PFBS	*27.1*		*ng/L*	*19.4*		*140*	*40-135*				
Surrogate: M5PFHxA	*28.7*		*ng/L*	*20.8*		*137*	*40-130*				
Surrogate: M4PFHpA	*26.1*		*ng/L*	*20.8*		*125*	*40-130*				
Surrogate: M3PFHxS	*25.4*		*ng/L*	*19.8*		*129*	*40-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60324 - EPA 1633 Prep											
LCS (BB60324-BS2)								Prepared: 02/06/2026 Analyzed: 02/14/2026			
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.4*		*ng/L*	*20.8*		*131*	*40-130*				
Surrogate: M6PFDA	*15.0*		*ng/L*	*10.4*		*145*	*40-130*				
Surrogate: M7PFUdA	*15.1*		*ng/L*	*10.4*		*145*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.1*		*ng/L*	*10.4*		*126*	*10-130*				
Surrogate: M2PFTeDA	*10.7*		*ng/L*	*10.4*		*103*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*109*		*ng/L*	*83.5*		*131*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.3*		*ng/L*	*20.0*		*127*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*57.8*		*ng/L*	*41.6*		*139*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.5*		*ng/L*	*20.8*		*147*	*40-130*				
Surrogate: d3-N-MeFOSAA	*60.4*		*ng/L*	*41.6*		*145*	*40-170*				
Surrogate: d5-N-EtFOSAA	*58.7*		*ng/L*	*41.6*		*141*	*25-135*				
Surrogate: M2-6:2 FTS	*65.4*		*ng/L*	*39.6*		*165*	*40-200*				
Surrogate: M2-8:2 FTS	*62.7*		*ng/L*	*40.0*		*157*	*40-300*				
Surrogate: M9PFNA	*14.9*		*ng/L*	*10.4*		*144*	*40-130*				
Surrogate: M2-4:2 FTS	*69.9*		*ng/L*	*39.1*		*179*	*40-200*				
Surrogate: d-N-MeFOSA	*27.0*		*ng/L*	*20.8*		*129*	*10-130*				
Surrogate: d-N-EtFOSA	*24.1*		*ng/L*	*20.8*		*116*	*10-130*				
Surrogate: M3HFPO-DA	*112*		*ng/L*	*83.5*		*134*	*40-130*				
Surrogate: d9-N-EtFOSE	*223*		*ng/L*	*208*		*107*	*10-130*				
Surrogate: d7-N-MeFOSE	*237*		*ng/L*	*208*		*114*	*10-130*				
Batch BB60410 - EPA 1633 Prep											
Blank (BB60410-BLK1)								Prepared: 02/09/2026 Analyzed: 02/15/2026			
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	ug/kg wet								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	ug/kg wet								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	ug/kg wet								
Perfluorooctanoic acid (PFOA)	ND	0.200	ug/kg wet								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	ug/kg wet								
Perfluorononanoic acid (PFNA)	ND	0.200	ug/kg wet								
Perfluorodecanoic acid (PFDA)	ND	0.200	ug/kg wet								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	ug/kg wet								
Perfluorododecanoic acid (PFDoA)	ND	0.200	ug/kg wet								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	ug/kg wet								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	ug/kg wet								
N-MeFOSAA	ND	0.200	ug/kg wet								
N-EtFOSAA	ND	0.200	ug/kg wet								
Perfluoropentanoic acid (PFPeA)	ND	0.400	ug/kg wet								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	ug/kg wet								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	ug/kg wet								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	ug/kg wet								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.760	ug/kg wet								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.768	ug/kg wet								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	ug/kg wet								

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60410 - EPA 1633 Prep											
Blank (BB60410-BLK1)											
								Prepared: 02/09/2026 Analyzed: 02/15/2026			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	ug/kg wet								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	ug/kg wet								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	ug/kg wet								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	ug/kg wet								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	ug/kg wet								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.750	ug/kg wet								
HFPO-DA (Gen-X)	ND	0.800	ug/kg wet								
11CL-PF3OUdS	ND	0.756	ug/kg wet								
9CL-PF3ONS	ND	0.748	ug/kg wet								
ADONA	ND	0.756	ug/kg wet								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	ug/kg wet								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	ug/kg wet								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.00	ug/kg wet								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.00	ug/kg wet								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.00	ug/kg wet								
N-MeFOSE	ND	2.00	ug/kg wet								
N-MeFOSA	ND	0.200	ug/kg wet								
N-EtFOSE	ND	2.00	ug/kg wet								
N-EtFOSA	ND	0.200	ug/kg wet								
Surrogate: M3PFBS	*2.93*		*ug/kg wet*	*1.94*		*151*	*40-135*				
Surrogate: M5PFHxA	*3.01*		*ug/kg wet*	*2.08*		*144*	*40-130*				
Surrogate: M4PFHpA	*2.77*		*ug/kg wet*	*2.08*		*133*	*40-130*				
Surrogate: M3PFHxS	*2.75*		*ug/kg wet*	*1.98*		*139*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.80*		*ug/kg wet*	*2.08*		*134*	*40-130*				
Surrogate: M6PFDA	*1.21*		*ug/kg wet*	*1.04*		*116*	*40-130*				
Surrogate: M7PFUdA	*1.05*		*ug/kg wet*	*1.04*		*101*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.979*		*ug/kg wet*	*1.04*		*94.1*	*40-130*				
Surrogate: M2PFTeDA	*0.980*		*ug/kg wet*	*1.04*		*94.2*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.8*		*ug/kg wet*	*8.35*		*129*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.27*		*ug/kg wet*	*2.00*		*114*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.88*		*ug/kg wet*	*4.16*		*141*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.61*		*ug/kg wet*	*2.08*		*125*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.34*		*ug/kg wet*	*4.16*		*104*	*40-135*				
Surrogate: d5-N-EtFOSAA	*3.94*		*ug/kg wet*	*4.16*		*94.7*	*40-150*				
Surrogate: M2-6:2 FTS	*6.37*		*ug/kg wet*	*3.96*		*161*	*40-215*				
Surrogate: M2-8:2 FTS	*5.22*		*ug/kg wet*	*4.00*		*130*	*40-275*				
Surrogate: M9PFNA	*1.44*		*ug/kg wet*	*1.04*		*139*	*40-130*				
Surrogate: M2-4:2 FTS	*7.12*		*ug/kg wet*	*3.91*		*182*	*40-165*				
Surrogate: d-N-MeFOSA	*2.25*		*ug/kg wet*	*2.08*		*108*	*10-130*				
Surrogate: d-N-EtFOSA	*2.05*		*ug/kg wet*	*2.08*		*98.2*	*10-130*				
Surrogate: M3HFPO-DA	*10.9*		*ug/kg wet*	*8.35*		*131*	*40-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60410 - EPA 1633 Prep											
Blank (BB60410-BLK1)								Prepared: 02/09/2026 Analyzed: 02/15/2026			
Surrogate: d9-N-EtFOSE	*19.8*		*ug/kg wet*	*20.8*		*95.2*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.0*		*ug/kg wet*	*20.8*		*95.9*	*20-130*				
LCS (BB60410-BS1)								Prepared: 02/09/2026 Analyzed: 02/15/2026			
Perfluorobutanesulfonic acid (PFBS)	3.50	0.177	ug/kg wet	3.54		98.8	65-145				
Perfluorohexanoic acid (PFHxA)	3.96	0.200	ug/kg wet	4.00		99.1	65-140				
Perfluoroheptanoic acid (PFHpA)	4.14	0.200	ug/kg wet	4.00		104	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.79	0.183	ug/kg wet	3.66		104	60-150				
Perfluorooctanoic acid (PFOA)	3.97	0.200	ug/kg wet	4.00		99.4	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.76	0.186	ug/kg wet	3.72		101	65-160				
Perfluorononanoic acid (PFNA)	4.09	0.200	ug/kg wet	4.00		102	70-155				
Perfluorodecanoic acid (PFDA)	4.29	0.200	ug/kg wet	4.00		107	70-155				
Perfluoroundecanoic acid (PFUnA)	4.11	0.200	ug/kg wet	4.00		103	70-155				
Perfluorododecanoic acid (PFDoA)	4.24	0.200	ug/kg wet	4.00		106	70-150				
Perfluorotridecanoic acid (PFTrDA)	4.09	0.200	ug/kg wet	4.00		102	65-150				
Perfluorotetradecanoic acid (PFTA)	4.01	0.200	ug/kg wet	4.00		100	65-150				
N-MeFOSAA	4.10	0.200	ug/kg wet	4.00		102	65-155				
N-EtFOSAA	3.81	0.200	ug/kg wet	4.00		95.3	65-165				
Perfluoropentanoic acid (PFPeA)	7.97	0.400	ug/kg wet	8.00		99.7	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.97	0.200	ug/kg wet	4.00		99.2	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.88	0.200	ug/kg wet	3.82		102	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.34	0.193	ug/kg wet	3.86		86.5	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	0.760	ug/kg wet	15.2		99.8	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.2	0.768	ug/kg wet	15.4		106	70-150				
Perfluoro-n-butanoic acid (PFBA)	16.1	0.800	ug/kg wet	16.0		101	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.38	0.356	ug/kg wet	7.12		89.5	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.46	0.400	ug/kg wet	8.00		93.3	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.10	0.400	ug/kg wet	8.00		101	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.92	0.400	ug/kg wet	8.00		99.0	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.89	0.188	ug/kg wet	3.76		103	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	0.750	ug/kg wet	15.0		100	60-150				
HFPO-DA (Gen-X)	7.77	0.800	ug/kg wet	8.00		97.2	70-145				
11CL-PF3OUdS	5.93	0.756	ug/kg wet	7.56		78.5	45-160				
9CL-PF3ONS	6.62	0.748	ug/kg wet	7.48		88.5	70-150				
ADONA	8.01	0.756	ug/kg wet	7.56		106	70-160				
Perfluorododecanesulfonic acid (PFDoS)	3.02	0.194	ug/kg wet	3.88		77.9	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.53	0.192	ug/kg wet	3.84		91.9	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	20.4	1.00	ug/kg wet	16.0		127	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	100	5.00	ug/kg wet	80.0		126	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	94.0	5.00	ug/kg wet	80.0		118	60-150				
N-MeFOSE	38.8	2.00	ug/kg wet	40.0		97.0	70-140				
N-MeFOSA	3.81	0.200	ug/kg wet	4.00		95.2	70-155				
N-EtFOSE	39.3	2.00	ug/kg wet	40.0		98.3	70-135				
N-EtFOSA	4.20	0.200	ug/kg wet	4.00		105	70-140				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60410 - EPA 1633 Prep											
LCS (BB60410-BS1)							Prepared: 02/09/2026 Analyzed: 02/15/2026				
Surrogate: M3PFBS	*3.05*		*ug/kg wet*	*1.94*		*157*	*40-135*				
Surrogate: M5PFHxA	*3.11*		*ug/kg wet*	*2.08*		*149*	*40-130*				
Surrogate: M4PFHpA	*2.93*		*ug/kg wet*	*2.08*		*140*	*40-130*				
Surrogate: M3PFHxS	*2.86*		*ug/kg wet*	*1.98*		*145*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.98*		*ug/kg wet*	*2.08*		*143*	*40-130*				
Surrogate: M6PFDA	*1.34*		*ug/kg wet*	*1.04*		*129*	*40-130*				
Surrogate: M7PFUdA	*1.28*		*ug/kg wet*	*1.04*		*123*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.08*		*ug/kg wet*	*1.04*		*104*	*40-130*				
Surrogate: M2PFTeDA	*1.05*		*ug/kg wet*	*1.04*		*101*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*ug/kg wet*	*8.35*		*137*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.52*		*ug/kg wet*	*2.00*		*126*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.23*		*ug/kg wet*	*4.16*		*150*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.95*		*ug/kg wet*	*2.08*		*141*	*40-130*				
Surrogate: d3-N-MeFOSAA	*5.11*		*ug/kg wet*	*4.16*		*123*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.87*		*ug/kg wet*	*4.16*		*117*	*40-150*				
Surrogate: M2-6:2 FTS	*5.81*		*ug/kg wet*	*3.96*		*147*	*40-215*				
Surrogate: M2-8:2 FTS	*5.11*		*ug/kg wet*	*4.00*		*128*	*40-275*				
Surrogate: M9PFNA	*1.46*		*ug/kg wet*	*1.04*		*141*	*40-130*				
Surrogate: M2-4:2 FTS	*6.38*		*ug/kg wet*	*3.91*		*163*	*40-165*				
Surrogate: d-N-MeFOSA	*2.65*		*ug/kg wet*	*2.08*		*127*	*10-130*				
Surrogate: d-N-EtFOSA	*2.33*		*ug/kg wet*	*2.08*		*112*	*10-130*				
Surrogate: M3HFPO-DA	*11.9*		*ug/kg wet*	*8.35*		*143*	*40-130*				
Surrogate: d9-N-EtFOSE	*23.3*		*ug/kg wet*	*20.8*		*112*	*15-130*				
Surrogate: d7-N-MeFOSE	*23.6*		*ug/kg wet*	*20.8*		*113*	*20-130*				
LCS (BB60410-BS2)							Prepared: 02/09/2026 Analyzed: 02/15/2026				
Perfluorobutanesulfonic acid (PFBS)	0.383	0.177	ug/kg wet	0.354		108	65-145				
Perfluorohexanoic acid (PFHxA)	0.398	0.200	ug/kg wet	0.400		99.6	65-140				
Perfluoroheptanoic acid (PFHpA)	0.393	0.200	ug/kg wet	0.400		98.2	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.407	0.183	ug/kg wet	0.366		111	60-150				
Perfluorooctanoic acid (PFOA)	0.412	0.200	ug/kg wet	0.400		103	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.384	0.186	ug/kg wet	0.372		103	65-160				
Perfluorononanoic acid (PFNA)	0.423	0.200	ug/kg wet	0.400		106	70-155				
Perfluorodecanoic acid (PFDA)	0.466	0.200	ug/kg wet	0.400		117	70-155				
Perfluoroundecanoic acid (PFUnA)	0.453	0.200	ug/kg wet	0.400		113	70-155				
Perfluorododecanoic acid (PFDoA)	0.416	0.200	ug/kg wet	0.400		104	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.436	0.200	ug/kg wet	0.400		109	65-150				
Perfluorotetradecanoic acid (PFTA)	0.429	0.200	ug/kg wet	0.400		107	65-150				
N-MeFOSAA	0.456	0.200	ug/kg wet	0.400		114	65-155				
N-EtFOSAA	0.455	0.200	ug/kg wet	0.400		114	65-165				
Perfluoropentanoic acid (PFPeA)	0.818	0.400	ug/kg wet	0.800		102	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.396	0.200	ug/kg wet	0.400		99.1	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.418	0.200	ug/kg wet	0.382		109	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.381	0.193	ug/kg wet	0.386		98.7	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.63	0.760	ug/kg wet	1.52		107	55-200				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60410 - EPA 1633 Prep											
LCS (BB60410-BS2)								Prepared: 02/09/2026 Analyzed: 02/15/2026			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.63	0.768	ug/kg wet	1.54		106	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.66	0.800	ug/kg wet	1.60		104	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.702	0.356	ug/kg wet	0.712		98.6	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.822	0.400	ug/kg wet	0.800		103	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.822	0.400	ug/kg wet	0.800		103	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.821	0.400	ug/kg wet	0.800		103	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.331	0.188	ug/kg wet	0.376		88.0	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.58	0.750	ug/kg wet	1.50		105	60-150				
HFPO-DA (Gen-X)	0.947	0.800	ug/kg wet	0.800		118	70-145				
11CL-PF3OUdS	0.833	0.756	ug/kg wet	0.756		110	45-160				
9CL-PF3ONS	0.922	0.748	ug/kg wet	0.748		123	70-150				
ADONA	1.04	0.756	ug/kg wet	0.756		138	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.326	0.194	ug/kg wet	0.388		84.0	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.358	0.192	ug/kg wet	0.384		93.1	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.85	1.00	ug/kg wet	1.60		116	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	9.01	5.00	ug/kg wet	8.00		113	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	8.34	5.00	ug/kg wet	8.00		104	60-150				
N-MeFOSE	4.27	2.00	ug/kg wet	4.00		107	70-140				
N-MeFOSA	0.470	0.200	ug/kg wet	0.400		117	70-155				
N-EtFOSE	3.98	2.00	ug/kg wet	4.00		99.6	70-135				
N-EtFOSA	0.477	0.200	ug/kg wet	0.400		119	70-140				
Surrogate: M3PFBS	*2.97*		*ug/kg wet*	*1.94*		*153*	*40-135*				
Surrogate: M5PFHxA	*3.17*		*ug/kg wet*	*2.08*		*152*	*40-130*				
Surrogate: M4PFHpA	*3.06*		*ug/kg wet*	*2.08*		*147*	*40-130*				
Surrogate: M3PFHxS	*2.76*		*ug/kg wet*	*1.98*		*140*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.88*		*ug/kg wet*	*2.08*		*138*	*40-130*				
Surrogate: M6PFDA	*1.21*		*ug/kg wet*	*1.04*		*116*	*40-130*				
Surrogate: M7PFUdA	*1.21*		*ug/kg wet*	*1.04*		*116*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.02*		*ug/kg wet*	*1.04*		*98.6*	*40-130*				
Surrogate: M2PFTeDA	*0.949*		*ug/kg wet*	*1.04*		*91.3*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.3*		*ug/kg wet*	*8.35*		*135*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.38*		*ug/kg wet*	*2.00*		*119*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.29*		*ug/kg wet*	*4.16*		*151*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.78*		*ug/kg wet*	*2.08*		*133*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.54*		*ug/kg wet*	*4.16*		*109*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.27*		*ug/kg wet*	*4.16*		*103*	*40-150*				
Surrogate: M2-6:2 FTS	*6.52*		*ug/kg wet*	*3.96*		*165*	*40-215*				
Surrogate: M2-8:2 FTS	*5.25*		*ug/kg wet*	*4.00*		*131*	*40-275*				
Surrogate: M9PFNA	*1.46*		*ug/kg wet*	*1.04*		*141*	*40-130*				
Surrogate: M2-4:2 FTS	*7.23*		*ug/kg wet*	*3.91*		*185*	*40-165*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60410 - EPA 1633 Prep											
LCS (BB60410-BS2)											
							Prepared: 02/09/2026 Analyzed: 02/15/2026				
Surrogate: d-N-MeFOSA	*2.17*		*ug/kg wet*	*2.08*		*104*	*10-130*				
Surrogate: d-N-EtFOSA	*2.18*		*ug/kg wet*	*2.08*		*104*	*10-130*				
Surrogate: M3HFPO-DA	*12.1*		*ug/kg wet*	*8.35*		*145*	*40-130*				
Surrogate: d9-N-EtFOSE	*21.9*		*ug/kg wet*	*20.8*		*105*	*15-130*				
Surrogate: d7-N-MeFOSE	*21.0*		*ug/kg wet*	*20.8*		*101*	*20-130*				
Batch BB60462 - EPA 1633 Prep											
Blank (BB60462-BLK1)											
							Prepared: 02/10/2026 Analyzed: 02/17/2026				
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	ug/kg wet								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	ug/kg wet								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	ug/kg wet								
Perfluorooctanoic acid (PFOA)	ND	0.200	ug/kg wet								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	ug/kg wet								
Perfluorononanoic acid (PFNA)	ND	0.200	ug/kg wet								
Perfluorodecanoic acid (PFDA)	ND	0.200	ug/kg wet								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	ug/kg wet								
Perfluorododecanoic acid (PFDoA)	ND	0.200	ug/kg wet								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	ug/kg wet								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	ug/kg wet								
N-MeFOSAA	ND	0.200	ug/kg wet								
N-EtFOSAA	ND	0.200	ug/kg wet								
Perfluoropentanoic acid (PFPeA)	ND	0.400	ug/kg wet								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	ug/kg wet								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	ug/kg wet								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	ug/kg wet								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.760	ug/kg wet								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.768	ug/kg wet								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	ug/kg wet								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	ug/kg wet								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	ug/kg wet								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	ug/kg wet								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	ug/kg wet								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	ug/kg wet								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.750	ug/kg wet								
HFPO-DA (Gen-X)	ND	0.800	ug/kg wet								
11CL-PF3OUdS	ND	0.756	ug/kg wet								
9CL-PF3ONS	ND	0.748	ug/kg wet								
ADONA	ND	0.756	ug/kg wet								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	ug/kg wet								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	ug/kg wet								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.00	ug/kg wet								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.00	ug/kg wet								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.00	ug/kg wet								

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60462 - EPA 1633 Prep											
Blank (BB60462-BLK1)								Prepared: 02/10/2026 Analyzed: 02/17/2026			
N-MeFOSE	ND	2.00	ug/kg wet								
N-MeFOSA	ND	0.200	ug/kg wet								
N-EtFOSE	ND	2.00	ug/kg wet								
N-EtFOSA	ND	0.200	ug/kg wet								
Surrogate: M3PFBS	*3.06*		*ug/kg wet*	*1.94*		*158*	*40-135*				
Surrogate: M5PFHxA	*3.04*		*ug/kg wet*	*2.08*		*146*	*40-130*				
Surrogate: M4PFHpA	*3.03*		*ug/kg wet*	*2.08*		*145*	*40-130*				
Surrogate: M3PFHxS	*2.53*		*ug/kg wet*	*1.98*		*128*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.68*		*ug/kg wet*	*2.08*		*128*	*40-130*				
Surrogate: M6PFDA	*1.09*		*ug/kg wet*	*1.04*		*105*	*40-130*				
Surrogate: M7PFUdA	*0.918*		*ug/kg wet*	*1.04*		*88.3*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.772*		*ug/kg wet*	*1.04*		*74.3*	*40-130*				
Surrogate: M2PFTeDA	*0.899*		*ug/kg wet*	*1.04*		*86.4*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.1*		*ug/kg wet*	*8.35*		*121*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.97*		*ug/kg wet*	*2.00*		*98.7*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.02*		*ug/kg wet*	*4.16*		*145*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.03*		*ug/kg wet*	*2.08*		*97.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*3.73*		*ug/kg wet*	*4.16*		*89.5*	*40-135*				
Surrogate: d5-N-EtFOSAA	*3.20*		*ug/kg wet*	*4.16*		*76.9*	*40-150*				
Surrogate: M2-6:2 FTS	*6.94*		*ug/kg wet*	*3.96*		*175*	*40-215*				
Surrogate: M2-8:2 FTS	*4.61*		*ug/kg wet*	*4.00*		*115*	*40-275*				
Surrogate: M9PFNA	*1.25*		*ug/kg wet*	*1.04*		*120*	*40-130*				
Surrogate: M2-4:2 FTS	*7.95*		*ug/kg wet*	*3.91*		*203*	*40-165*				
Surrogate: d-N-MeFOSA	*1.76*		*ug/kg wet*	*2.08*		*84.4*	*10-130*				
Surrogate: d-N-EtFOSA	*1.73*		*ug/kg wet*	*2.08*		*82.8*	*10-130*				
Surrogate: M3HFPO-DA	*12.0*		*ug/kg wet*	*8.35*		*144*	*40-130*				
Surrogate: d9-N-EtFOSE	*18.2*		*ug/kg wet*	*20.8*		*87.2*	*15-130*				
Surrogate: d7-N-MeFOSE	*18.6*		*ug/kg wet*	*20.8*		*89.4*	*20-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60462 - EPA 1633 Prep											
LCS (BB60462-BS1)							Prepared: 02/10/2026 Analyzed: 02/17/2026				
Perfluorobutanesulfonic acid (PFBS)	3.33	0.177	ug/kg wet	3.54		94.0	65-145				
Perfluorohexanoic acid (PFHxA)	3.66	0.200	ug/kg wet	4.00		91.5	65-140				
Perfluoroheptanoic acid (PFHpA)	3.44	0.200	ug/kg wet	4.00		86.0	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.47	0.183	ug/kg wet	3.66		94.9	60-150				
Perfluorooctanoic acid (PFOA)	3.69	0.200	ug/kg wet	4.00		92.3	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.06	0.186	ug/kg wet	3.72		82.3	65-160				
Perfluorononanoic acid (PFNA)	3.58	0.200	ug/kg wet	4.00		89.5	70-155				
Perfluorodecanoic acid (PFDA)	3.95	0.200	ug/kg wet	4.00		98.8	70-155				
Perfluoroundecanoic acid (PFUnA)	3.61	0.200	ug/kg wet	4.00		90.3	70-155				
Perfluorododecanoic acid (PFDoA)	4.21	0.200	ug/kg wet	4.00		105	70-150				
Perfluorotridecanoic acid (PFTrDA)	3.40	0.200	ug/kg wet	4.00		85.1	65-150				
Perfluorotetradecanoic acid (PFTA)	3.68	0.200	ug/kg wet	4.00		92.0	65-150				
N-MeFOSAA	3.86	0.200	ug/kg wet	4.00		96.5	65-155				
N-EtFOSAA	3.63	0.200	ug/kg wet	4.00		90.6	65-165				
Perfluoropentanoic acid (PFPeA)	7.33	0.400	ug/kg wet	8.00		91.7	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.64	0.200	ug/kg wet	4.00		90.9	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.41	0.200	ug/kg wet	3.82		89.3	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	2.86	0.193	ug/kg wet	3.86		74.1	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13.9	0.760	ug/kg wet	15.2		91.5	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.5	0.768	ug/kg wet	15.4		94.6	70-150				
Perfluoro-n-butanoic acid (PFBA)	14.8	0.800	ug/kg wet	16.0		92.4	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.16	0.356	ug/kg wet	7.12		86.5	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.11	0.400	ug/kg wet	8.00		88.9	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.98	0.400	ug/kg wet	8.00		87.2	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.26	0.400	ug/kg wet	8.00		90.7	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.60	0.188	ug/kg wet	3.76		95.6	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.7	0.750	ug/kg wet	15.0		97.8	60-150				
HFPO-DA (Gen-X)	6.08	0.800	ug/kg wet	8.00		76.1	70-145				
11CL-PF3OUdS	6.07	0.756	ug/kg wet	7.56		80.3	45-160				
9CL-PF3ONS	6.58	0.748	ug/kg wet	7.48		87.9	70-150				
ADONA	7.00	0.756	ug/kg wet	7.56		92.7	70-160				
Perfluorododecanesulfonic acid (PFDoS)	2.92	0.194	ug/kg wet	3.88		75.2	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.21	0.192	ug/kg wet	3.84		83.5	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	16.5	1.00	ug/kg wet	16.0		103	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	82.2	5.00	ug/kg wet	80.0		103	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	77.8	5.00	ug/kg wet	80.0		97.3	60-150				
N-MeFOSE	35.8	2.00	ug/kg wet	40.0		89.6	70-140				
N-MeFOSA	3.37	0.200	ug/kg wet	4.00		84.2	70-155				
N-EtFOSE	33.8	2.00	ug/kg wet	40.0		84.4	70-135				
N-EtFOSA	3.40	0.200	ug/kg wet	4.00		85.0	70-140				
Surrogate: M3PFBS	*2.93*		*ug/kg wet*	*1.94*		*151*	*40-135*				
Surrogate: M5PFHxA	*3.00*		*ug/kg wet*	*2.08*		*144*	*40-130*				
Surrogate: M4PFHpA	*3.14*		*ug/kg wet*	*2.08*		*151*	*40-130*				
Surrogate: M3PFHxS	*2.72*		*ug/kg wet*	*1.98*		*138*	*40-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60462 - EPA 1633 Prep											
LCS (BB60462-BS1)								Prepared: 02/10/2026 Analyzed: 02/17/2026			
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.94*		*ug/kg wet*	*2.08*		*141*	*40-130*				
Surrogate: M6PFDA	*1.32*		*ug/kg wet*	*1.04*		*127*	*40-130*				
Surrogate: M7PFUdA	*1.36*		*ug/kg wet*	*1.04*		*131*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.12*		*ug/kg wet*	*1.04*		*108*	*40-130*				
Surrogate: M2PFTeDA	*1.30*		*ug/kg wet*	*1.04*		*125*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.0*		*ug/kg wet*	*8.35*		*120*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.79*		*ug/kg wet*	*2.00*		*140*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.82*		*ug/kg wet*	*4.16*		*140*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.72*		*ug/kg wet*	*2.08*		*131*	*40-130*				
Surrogate: d3-N-MeFOSAA	*5.03*		*ug/kg wet*	*4.16*		*121*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.92*		*ug/kg wet*	*4.16*		*118*	*40-150*				
Surrogate: M2-6:2 FTS	*6.03*		*ug/kg wet*	*3.96*		*152*	*40-215*				
Surrogate: M2-8:2 FTS	*5.18*		*ug/kg wet*	*4.00*		*130*	*40-275*				
Surrogate: M9PFNA	*1.37*		*ug/kg wet*	*1.04*		*132*	*40-130*				
Surrogate: M2-4:2 FTS	*6.30*		*ug/kg wet*	*3.91*		*161*	*40-165*				
Surrogate: d-N-MeFOSA	*2.74*		*ug/kg wet*	*2.08*		*132*	*10-130*				
Surrogate: d-N-EtFOSA	*2.78*		*ug/kg wet*	*2.08*		*133*	*10-130*				
Surrogate: M3HFPO-DA	*11.8*		*ug/kg wet*	*8.35*		*141*	*40-130*				
Surrogate: d9-N-EtFOSE	*26.7*		*ug/kg wet*	*20.8*		*128*	*15-130*				
Surrogate: d7-N-MeFOSE	*26.6*		*ug/kg wet*	*20.8*		*128*	*20-130*				
LCS (BB60462-BS2)								Prepared: 02/10/2026 Analyzed: 02/17/2026			
Perfluorobutanesulfonic acid (PFBS)	0.387	0.177	ug/kg wet	0.354		109	65-145				
Perfluorohexanoic acid (PFHxA)	0.391	0.200	ug/kg wet	0.400		97.7	65-140				
Perfluoroheptanoic acid (PFHpA)	0.366	0.200	ug/kg wet	0.400		91.4	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.406	0.183	ug/kg wet	0.366		111	60-150				
Perfluorooctanoic acid (PFOA)	0.428	0.200	ug/kg wet	0.400		107	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.358	0.186	ug/kg wet	0.372		96.4	65-160				
Perfluorononanoic acid (PFNA)	0.433	0.200	ug/kg wet	0.400		108	70-155				
Perfluorodecanoic acid (PFDA)	0.394	0.200	ug/kg wet	0.400		98.5	70-155				
Perfluoroundecanoic acid (PFUnA)	0.445	0.200	ug/kg wet	0.400		111	70-155				
Perfluorododecanoic acid (PFDoA)	0.439	0.200	ug/kg wet	0.400		110	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.365	0.200	ug/kg wet	0.400		91.3	65-150				
Perfluorotetradecanoic acid (PFTA)	0.393	0.200	ug/kg wet	0.400		98.3	65-150				
N-MeFOSAA	0.504	0.200	ug/kg wet	0.400		126	65-155				
N-EtFOSAA	0.403	0.200	ug/kg wet	0.400		101	65-165				
Perfluoropentanoic acid (PFPeA)	0.804	0.400	ug/kg wet	0.800		100	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.425	0.200	ug/kg wet	0.400		106	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.392	0.200	ug/kg wet	0.382		103	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.355	0.193	ug/kg wet	0.386		91.9	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.57	0.760	ug/kg wet	1.52		104	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.62	0.768	ug/kg wet	1.54		106	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.66	0.800	ug/kg wet	1.60		104	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.702	0.356	ug/kg wet	0.712		98.6	70-140				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60462 - EPA 1633 Prep											
LCS (BB60462-BS2)								Prepared: 02/10/2026 Analyzed: 02/17/2026			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.815	0.400	ug/kg wet	0.800		102	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.772	0.400	ug/kg wet	0.800		96.5	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.796	0.400	ug/kg wet	0.800		99.6	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.371	0.188	ug/kg wet	0.376		98.7	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.63	0.750	ug/kg wet	1.50		109	60-150				
HFPO-DA (Gen-X)	0.960	0.800	ug/kg wet	0.800		120	70-145				
11CL-PF3OUdS	0.906	0.756	ug/kg wet	0.756		120	45-160				
9CL-PF3ONS	0.986	0.748	ug/kg wet	0.748		132	70-150				
ADONA	1.04	0.756	ug/kg wet	0.756		137	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.348	0.194	ug/kg wet	0.388		89.7	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.373	0.192	ug/kg wet	0.384		97.0	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.61	1.00	ug/kg wet	1.60		100	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.06	5.00	ug/kg wet	8.00		101	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	7.92	5.00	ug/kg wet	8.00		99.0	60-150				
N-MeFOSE	4.03	2.00	ug/kg wet	4.00		101	70-140				
N-MeFOSA	0.389	0.200	ug/kg wet	0.400		97.2	70-155				
N-EtFOSE	3.81	2.00	ug/kg wet	4.00		95.3	70-135				
N-EtFOSA	0.426	0.200	ug/kg wet	0.400		107	70-140				
Surrogate: M3PFBS	*2.95*		*ug/kg wet*	*1.94*		*152*	*40-135*				
Surrogate: M5PFHxA	*3.03*		*ug/kg wet*	*2.08*		*145*	*40-130*				
Surrogate: M4PFHpA	*3.31*		*ug/kg wet*	*2.08*		*159*	*40-130*				
Surrogate: M3PFHxS	*2.81*		*ug/kg wet*	*1.98*		*142*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.85*		*ug/kg wet*	*2.08*		*137*	*40-130*				
Surrogate: M6PFDA	*1.40*		*ug/kg wet*	*1.04*		*134*	*40-130*				
Surrogate: M7PFUdA	*1.19*		*ug/kg wet*	*1.04*		*114*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.11*		*ug/kg wet*	*1.04*		*107*	*40-130*				
Surrogate: M2PFTeDA	*1.29*		*ug/kg wet*	*1.04*		*124*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.1*		*ug/kg wet*	*8.35*		*120*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.66*		*ug/kg wet*	*2.00*		*133*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.92*		*ug/kg wet*	*4.16*		*142*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.61*		*ug/kg wet*	*2.08*		*125*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.78*		*ug/kg wet*	*4.16*		*115*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.47*		*ug/kg wet*	*4.16*		*107*	*40-150*				
Surrogate: M2-6:2 FTS	*7.07*		*ug/kg wet*	*3.96*		*179*	*40-215*				
Surrogate: M2-8:2 FTS	*5.65*		*ug/kg wet*	*4.00*		*141*	*40-275*				
Surrogate: M9PFNA	*1.39*		*ug/kg wet*	*1.04*		*133*	*40-130*				
Surrogate: M2-4:2 FTS	*7.76*		*ug/kg wet*	*3.91*		*199*	*40-165*				
Surrogate: d-N-MeFOSA	*2.30*		*ug/kg wet*	*2.08*		*110*	*10-130*				
Surrogate: d-N-EtFOSA	*2.48*		*ug/kg wet*	*2.08*		*119*	*10-130*				
Surrogate: M3HFPO-DA	*11.1*		*ug/kg wet*	*8.35*		*132*	*40-130*				
Surrogate: d9-N-EtFOSE	*24.6*		*ug/kg wet*	*20.8*		*118*	*15-130*				
Surrogate: d7-N-MeFOSE	*24.9*		*ug/kg wet*	*20.8*		*120*	*20-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60462 - EPA 1633 Prep											
Matrix Spike (BB60462-MS1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/10/2026 Analyzed: 02/17/2026			
Perfluorobutanesulfonic acid (PFBS)	3.86	0.206	ug/kg dry	4.13	ND	93.6	65-145				
Perfluorohexanoic acid (PFHxA)	4.43	0.233	ug/kg dry	4.66	ND	95.0	65-140				
Perfluoroheptanoic acid (PFHpA)	4.45	0.233	ug/kg dry	4.66	ND	95.5	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.98	0.213	ug/kg dry	4.27	ND	93.2	60-150				
Perfluorooctanoic acid (PFOA)	4.54	0.233	ug/kg dry	4.66	0.102	95.1	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.95	0.217	ug/kg dry	4.34	ND	91.1	65-160				
Perfluorononanoic acid (PFNA)	4.32	0.233	ug/kg dry	4.66	ND	92.5	70-155				
Perfluorodecanoic acid (PFDA)	4.62	0.233	ug/kg dry	4.66	ND	99.1	70-155				
Perfluoroundecanoic acid (PFUnA)	4.28	0.233	ug/kg dry	4.66	ND	91.8	70-155				
Perfluorododecanoic acid (PFDoA)	4.80	0.233	ug/kg dry	4.66	ND	103	70-150				
Perfluorotridecanoic acid (PFTrDA)	4.03	0.233	ug/kg dry	4.66	ND	86.4	65-150				
Perfluorotetradecanoic acid (PFTA)	4.40	0.233	ug/kg dry	4.66	ND	94.3	65-150				
N-MeFOSAA	4.21	0.233	ug/kg dry	4.66	ND	90.2	65-155				
N-EtFOSAA	4.30	0.233	ug/kg dry	4.66	ND	92.2	65-165				
Perfluoropentanoic acid (PFPeA)	8.82	0.466	ug/kg dry	9.33	ND	94.6	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.43	0.233	ug/kg dry	4.66	ND	94.9	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.27	0.233	ug/kg dry	4.45	ND	95.8	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.50	0.225	ug/kg dry	4.50	ND	77.9	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.5	0.886	ug/kg dry	17.7	ND	98.9	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.0	0.895	ug/kg dry	17.9	ND	101	70-150				
Perfluoro-n-butanoic acid (PFBA)	17.6	0.933	ug/kg dry	18.7	ND	94.5	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.64	0.415	ug/kg dry	8.30	ND	92.0	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.41	0.466	ug/kg dry	9.33	ND	101	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.20	0.466	ug/kg dry	9.33	ND	87.9	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.73	0.466	ug/kg dry	9.33	ND	93.6	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.34	0.219	ug/kg dry	4.38	ND	99.1	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.9	0.874	ug/kg dry	17.5	ND	102	60-150				
HFPO-DA (Gen-X)	7.80	0.933	ug/kg dry	9.33	ND	83.6	70-145				
11CL-PF3OUdS	6.27	0.881	ug/kg dry	8.81	ND	71.1	45-160				
9CL-PF3ONS	7.04	0.872	ug/kg dry	8.72	ND	80.7	70-150				
ADONA	8.63	0.881	ug/kg dry	8.81	ND	97.9	70-160				
Perfluorododecanesulfonic acid (PFDoS)	3.63	0.226	ug/kg dry	4.52	ND	80.3	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.90	0.224	ug/kg dry	4.48	ND	87.1	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	17.8	1.17	ug/kg dry	18.7	ND	95.3	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	92.4	5.83	ug/kg dry	93.3	ND	99.0	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	87.9	5.83	ug/kg dry	93.3	ND	94.2	60-150				
N-MeFOSE	41.3	2.33	ug/kg dry	46.6	ND	88.6	70-140				
N-MeFOSA	3.83	0.233	ug/kg dry	4.66	ND	82.2	70-155				
N-EtFOSE	40.0	2.33	ug/kg dry	46.6	ND	85.8	70-135				
N-EtFOSA	3.97	0.233	ug/kg dry	4.66	ND	85.1	70-140				
Surrogate: M3PFBS	*2.83*		*ug/kg dry*	*2.26*		*125*	*40-135*				
Surrogate: M5PFHxA	*2.89*		*ug/kg dry*	*2.43*		*119*	*40-130*				
Surrogate: M4PFHpA	*2.92*		*ug/kg dry*	*2.43*		*120*	*40-130*				
Surrogate: M3PFHxS	*2.51*		*ug/kg dry*	*2.30*		*109*	*40-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60462 - EPA 1633 Prep											
Matrix Spike (BB60462-MS1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/10/2026 Analyzed: 02/17/2026			
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.77*		*ug/kg dry*	*2.43*		*114*	*40-130*				
Surrogate: M6PFDA	*1.23*		*ug/kg dry*	*1.21*		*102*	*40-130*				
Surrogate: M7PFUdA	*1.22*		*ug/kg dry*	*1.21*		*100*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.04*		*ug/kg dry*	*1.21*		*86.1*	*40-130*				
Surrogate: M2PFTeDA	*1.10*		*ug/kg dry*	*1.21*		*90.9*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.8*		*ug/kg dry*	*9.74*		*111*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.32*		*ug/kg dry*	*2.33*		*99.6*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.71*		*ug/kg dry*	*4.86*		*117*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.49*		*ug/kg dry*	*2.43*		*102*	*40-130*				
Surrogate: d3-N-MeFOSAA	*5.01*		*ug/kg dry*	*4.86*		*103*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.99*		*ug/kg dry*	*4.86*		*103*	*40-150*				
Surrogate: M2-6:2 FTS	*5.70*		*ug/kg dry*	*4.62*		*123*	*40-215*				
Surrogate: M2-8:2 FTS	*5.05*		*ug/kg dry*	*4.66*		*108*	*40-275*				
Surrogate: M9PFNA	*1.38*		*ug/kg dry*	*1.21*		*113*	*40-130*				
Surrogate: M2-4:2 FTS	*6.32*		*ug/kg dry*	*4.56*		*139*	*40-165*				
Surrogate: d-N-MeFOSA	*1.93*		*ug/kg dry*	*2.43*		*79.4*	*10-130*				
Surrogate: d-N-EtFOSA	*1.81*		*ug/kg dry*	*2.43*		*74.6*	*10-130*				
Surrogate: M3HFPO-DA	*11.1*		*ug/kg dry*	*9.74*		*114*	*40-130*				
Surrogate: d9-N-EtFOSE	*20.2*		*ug/kg dry*	*24.3*		*82.9*	*15-130*				
Surrogate: d7-N-MeFOSE	*22.3*		*ug/kg dry*	*24.3*		*91.8*	*20-130*				
Matrix Spike Dup (BB60462-MSD1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/10/2026 Analyzed: 02/17/2026			
Perfluorobutanesulfonic acid (PFBS)	3.87	0.206	ug/kg dry	4.13	ND	93.8	65-145		0.247	35	
Perfluorohexanoic acid (PFHxA)	4.27	0.233	ug/kg dry	4.66	ND	91.6	65-140		3.68	35	
Perfluoroheptanoic acid (PFHpA)	4.17	0.233	ug/kg dry	4.66	ND	89.4	65-145		6.59	35	
Perfluorohexanesulfonic acid (PFHxS)	4.11	0.213	ug/kg dry	4.27	ND	96.3	60-150		3.21	35	
Perfluorooctanoic acid (PFOA)	4.58	0.233	ug/kg dry	4.66	0.102	96.0	70-150		0.940	35	
Perfluorooctanesulfonic acid (PFOS)	4.04	0.217	ug/kg dry	4.34	ND	93.2	65-160		2.31	35	
Perfluorononanoic acid (PFNA)	4.35	0.233	ug/kg dry	4.66	ND	93.4	70-155		0.884	35	
Perfluorodecanoic acid (PFDA)	4.55	0.233	ug/kg dry	4.66	ND	97.6	70-155		1.57	35	
Perfluoroundecanoic acid (PFUnA)	4.73	0.233	ug/kg dry	4.66	ND	101	70-155		9.89	35	
Perfluorododecanoic acid (PFDoA)	4.79	0.233	ug/kg dry	4.66	ND	103	70-150		0.228	35	
Perfluorotridecanoic acid (PFTrDA)	4.40	0.233	ug/kg dry	4.66	ND	94.4	65-150		8.90	35	
Perfluorotetradecanoic acid (PFTA)	4.56	0.233	ug/kg dry	4.66	ND	97.8	65-150		3.64	35	
N-MeFOSAA	4.40	0.233	ug/kg dry	4.66	ND	94.4	65-155		4.50	35	
N-EtFOSAA	4.21	0.233	ug/kg dry	4.66	ND	90.3	65-165		2.08	35	
Perfluoropentanoic acid (PFPeA)	8.75	0.466	ug/kg dry	9.33	ND	93.8	60-150		0.890	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.49	0.233	ug/kg dry	4.66	ND	96.3	70-140		1.42	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.20	0.233	ug/kg dry	4.45	ND	94.3	65-155		1.52	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.74	0.225	ug/kg dry	4.50	ND	83.2	40-155		6.58	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.4	0.886	ug/kg dry	17.7	ND	98.0	55-200		0.838	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.7	0.895	ug/kg dry	17.9	ND	98.8	70-150		1.92	35	
Perfluoro-n-butanoic acid (PFBA)	17.7	0.933	ug/kg dry	18.7	ND	94.7	70-140		0.182	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.43	0.415	ug/kg dry	8.30	ND	89.5	70-140		2.76	30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60462 - EPA 1633 Prep											
Matrix Spike Dup (BB60462-MSD1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/10/2026 Analyzed: 02/17/2026			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.42	0.466	ug/kg dry	9.33	ND	101	60-155		0.0784	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	8.22	0.466	ug/kg dry	9.33	ND	88.2	30-140		0.341	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	8.65	0.466	ug/kg dry	9.33	ND	92.8	60-150		0.889	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4.42	0.219	ug/kg dry	4.38	ND	101	55-160		1.79	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.6	0.874	ug/kg dry	17.5	ND	100	60-150		1.91	30	
HFPO-DA (Gen-X)	8.18	0.933	ug/kg dry	9.33	ND	87.7	70-145		4.78	30	
11CL-PF3OUdS	6.73	0.881	ug/kg dry	8.81	ND	76.3	45-160		7.04	30	
9CL-PF3ONS	7.53	0.872	ug/kg dry	8.72	ND	86.4	70-150		6.78	30	
ADONA	9.37	0.881	ug/kg dry	8.81	ND	106	70-160		8.22	30	
Perfluorododecanesulfonic acid (PFDoS)	3.18	0.226	ug/kg dry	4.52	ND	70.2	25-160		13.5	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	0.224	ug/kg dry	4.48	ND	85.7	55-140		1.63	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	17.6	1.17	ug/kg dry	18.7	ND	94.2	45-130		1.14	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	89.5	5.83	ug/kg dry	93.3	ND	95.9	60-130		3.15	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	83.1	5.83	ug/kg dry	93.3	ND	89.1	60-150		5.50	30	
N-MeFOSE	41.1	2.33	ug/kg dry	46.6	ND	88.1	70-140		0.546	30	
N-MeFOSA	4.18	0.233	ug/kg dry	4.66	ND	89.7	70-155		8.80	30	
N-EtFOSE	40.6	2.33	ug/kg dry	46.6	ND	87.1	70-135		1.58	30	
N-EtFOSA	4.04	0.233	ug/kg dry	4.66	ND	86.6	70-140		1.79	30	
Surrogate: M3PFBS	*3.10*		*ug/kg dry*	*2.26*		*137*	*40-135*				
Surrogate: M5PFHxA	*3.20*		*ug/kg dry*	*2.43*		*131*	*40-130*				
Surrogate: M4PFHpA	*3.38*		*ug/kg dry*	*2.43*		*139*	*40-130*				
Surrogate: M3PFHxS	*2.70*		*ug/kg dry*	*2.30*		*117*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.83*		*ug/kg dry*	*2.43*		*116*	*40-130*				
Surrogate: M6PFDA	*1.25*		*ug/kg dry*	*1.21*		*103*	*40-130*				
Surrogate: M7PFUdA	*1.20*		*ug/kg dry*	*1.21*		*98.7*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.07*		*ug/kg dry*	*1.21*		*88.6*	*40-130*				
Surrogate: M2PFTeDA	*0.975*		*ug/kg dry*	*1.21*		*80.4*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.0*		*ug/kg dry*	*9.74*		*113*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.42*		*ug/kg dry*	*2.33*		*104*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.11*		*ug/kg dry*	*4.86*		*126*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.55*		*ug/kg dry*	*2.43*		*105*	*40-130*				
Surrogate: d3-N-MeFOSAA	*5.08*		*ug/kg dry*	*4.86*		*105*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.26*		*ug/kg dry*	*4.86*		*108*	*40-150*				
Surrogate: M2-6:2 FTS	*6.24*		*ug/kg dry*	*4.62*		*135*	*40-215*				
Surrogate: M2-8:2 FTS	*5.48*		*ug/kg dry*	*4.66*		*118*	*40-275*				
Surrogate: M9PFNA	*1.45*		*ug/kg dry*	*1.21*		*120*	*40-130*				
Surrogate: M2-4:2 FTS	*6.95*		*ug/kg dry*	*4.56*		*152*	*40-165*				
Surrogate: d-N-MeFOSA	*2.01*		*ug/kg dry*	*2.43*		*82.9*	*10-130*				
Surrogate: d-N-EtFOSA	*1.77*		*ug/kg dry*	*2.43*		*72.7*	*10-130*				
Surrogate: M3HFPO-DA	*11.0*		*ug/kg dry*	*9.74*		*113*	*40-130*				
Surrogate: d9-N-EtFOSE	*17.7*		*ug/kg dry*	*24.3*		*72.7*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.8*		*ug/kg dry*	*24.3*		*85.5*	*20-130*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60249 - EPA 3546 PPCB											
Blank (BB60249-BLK1)								Prepared & Analyzed: 02/05/2026			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDD [2C]	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	mg/kg wet								
4,4'-DDE [2C]	ND	0.00164	mg/kg wet								
4,4'-DDT	ND	0.00164	mg/kg wet								
4,4'-DDT [2C]	ND	0.00164	mg/kg wet								
Aldrin	ND	0.00164	mg/kg wet								
Aldrin [2C]	ND	0.00164	mg/kg wet								
alpha-BHC	ND	0.00164	mg/kg wet								
alpha-BHC [2C]	ND	0.00164	mg/kg wet								
alpha-Chlordane	ND	0.00164	mg/kg wet								
alpha-Chlordane [2C]	ND	0.00164	mg/kg wet								
beta-BHC	ND	0.00164	mg/kg wet								
beta-BHC [2C]	ND	0.00164	mg/kg wet								
delta-BHC	ND	0.00164	mg/kg wet								
delta-BHC [2C]	ND	0.00164	mg/kg wet								
Dieldrin	ND	0.00164	mg/kg wet								
Dieldrin [2C]	ND	0.00164	mg/kg wet								
Endosulfan I	ND	0.00164	mg/kg wet								
Endosulfan I [2C]	ND	0.00164	mg/kg wet								
Endosulfan II	ND	0.00164	mg/kg wet								
Endosulfan II [2C]	ND	0.00164	mg/kg wet								
Endosulfan sulfate	ND	0.00164	mg/kg wet								
Endosulfan sulfate [2C]	ND	0.00164	mg/kg wet								
Endrin	ND	0.00164	mg/kg wet								
Endrin [2C]	ND	0.00164	mg/kg wet								
Endrin aldehyde	ND	0.00164	mg/kg wet								
Endrin aldehyde [2C]	ND	0.00164	mg/kg wet								
Endrin ketone	ND	0.00164	mg/kg wet								
Endrin ketone [2C]	ND	0.00164	mg/kg wet								
gamma-BHC (Lindane)	ND	0.00164	mg/kg wet								
gamma-BHC (Lindane) [2C]	ND	0.00164	mg/kg wet								
gamma-Chlordane	ND	0.00164	mg/kg wet								
gamma-Chlordane [2C]	ND	0.00164	mg/kg wet								
Heptachlor	ND	0.00164	mg/kg wet								
Heptachlor [2C]	ND	0.00164	mg/kg wet								
Heptachlor epoxide	ND	0.00164	mg/kg wet								
Heptachlor epoxide [2C]	ND	0.00164	mg/kg wet								
Methoxychlor	ND	0.00164	mg/kg wet								
Methoxychlor [2C]	ND	0.00164	mg/kg wet								
Toxaphene	ND	0.164	mg/kg wet								
Toxaphene [2C]	ND	0.164	mg/kg wet								
Chlordane, total	ND	0.0329	mg/kg wet								
Chlordane, total [2C]	ND	0.0329	mg/kg wet								
Surrogate: Decachlorobiphenyl	*0.0487*		*mg/kg wet*	*0.0664*		*73.2*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0466*		*mg/kg wet*	*0.0664*		*70.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0509*		*mg/kg wet*	*0.0664*		*76.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0488*		*mg/kg wet*	*0.0664*		*73.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0509*		*mg/kg wet*	*0.0664*		*76.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0488*		*mg/kg wet*	*0.0664*		*73.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60249 - EPA 3546 PPCB											
Blank (BB60249-BLK1)							Prepared & Analyzed: 02/05/2026				
Surrogate: Decachlorobiphenyl	*0.0487*		*mg/kg wet*	*0.0664*		*73.2*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0466*		*mg/kg wet*	*0.0664*		*70.2*	*30-150*				
LCS (BB60249-BS1)							Prepared & Analyzed: 02/05/2026				
4,4'-DDD	0.0238	0.00164	mg/kg wet	0.0332		71.7	40-140				
4,4'-DDD [2C]	0.0276	0.00164	mg/kg wet	0.0332		83.1	40-140				
4,4'-DDE	0.0236	0.00164	mg/kg wet	0.0332		70.9	40-140				
4,4'-DDE [2C]	0.0230	0.00164	mg/kg wet	0.0332		69.2	40-140				
4,4'-DDT	0.0234	0.00164	mg/kg wet	0.0332		70.5	40-140				
4,4'-DDT [2C]	0.0222	0.00164	mg/kg wet	0.0332		66.8	40-140				
Aldrin	0.0249	0.00164	mg/kg wet	0.0332		74.9	40-140				
Aldrin [2C]	0.0234	0.00164	mg/kg wet	0.0332		70.4	40-140				
alpha-BHC	0.0252	0.00164	mg/kg wet	0.0332		75.8	40-140				
alpha-BHC [2C]	0.0242	0.00164	mg/kg wet	0.0332		73.0	40-140				
alpha-Chlordane	0.0255	0.00164	mg/kg wet	0.0332		76.7	40-140				
alpha-Chlordane [2C]	0.0227	0.00164	mg/kg wet	0.0332		68.4	40-140				
beta-BHC	0.0267	0.00164	mg/kg wet	0.0332		80.4	40-140				
beta-BHC [2C]	0.0263	0.00164	mg/kg wet	0.0332		79.2	40-140				
delta-BHC	0.0255	0.00164	mg/kg wet	0.0332		76.7	40-140				
delta-BHC [2C]	0.0246	0.00164	mg/kg wet	0.0332		74.2	40-140				
Dieldrin	0.0253	0.00164	mg/kg wet	0.0332		76.2	40-140				
Dieldrin [2C]	0.0227	0.00164	mg/kg wet	0.0332		68.4	40-140				
Endosulfan I	0.0247	0.00164	mg/kg wet	0.0332		74.4	40-140				
Endosulfan I [2C]	0.0228	0.00164	mg/kg wet	0.0332		68.5	40-140				
Endosulfan II	0.0245	0.00164	mg/kg wet	0.0332		73.7	40-140				
Endosulfan II [2C]	0.0236	0.00164	mg/kg wet	0.0332		71.2	40-140				
Endosulfan sulfate	0.0249	0.00164	mg/kg wet	0.0332		74.9	40-140				
Endosulfan sulfate [2C]	0.0243	0.00164	mg/kg wet	0.0332		73.1	40-140				
Endrin	0.0251	0.00164	mg/kg wet	0.0332		75.5	40-140				
Endrin [2C]	0.0232	0.00164	mg/kg wet	0.0332		69.9	40-140				
Endrin aldehyde	0.0228	0.00164	mg/kg wet	0.0332		68.5	40-140				
Endrin aldehyde [2C]	0.0218	0.00164	mg/kg wet	0.0332		65.7	40-140				
Endrin ketone	0.0251	0.00164	mg/kg wet	0.0332		75.6	40-140				
Endrin ketone [2C]	0.0240	0.00164	mg/kg wet	0.0332		72.3	40-140				
gamma-BHC (Lindane)	0.0244	0.00164	mg/kg wet	0.0332		73.6	40-140				
gamma-BHC (Lindane) [2C]	0.0242	0.00164	mg/kg wet	0.0332		72.7	40-140				
gamma-Chlordane	0.0244	0.00164	mg/kg wet	0.0332		73.3	40-140				
gamma-Chlordane [2C]	0.0231	0.00164	mg/kg wet	0.0332		69.5	40-140				
Heptachlor	0.0241	0.00164	mg/kg wet	0.0332		72.5	40-140				
Heptachlor [2C]	0.0245	0.00164	mg/kg wet	0.0332		73.7	40-140				
Heptachlor epoxide	0.0251	0.00164	mg/kg wet	0.0332		75.5	40-140				
Heptachlor epoxide [2C]	0.0231	0.00164	mg/kg wet	0.0332		69.5	40-140				
Methoxychlor	0.0262	0.00164	mg/kg wet	0.0332		78.9	40-140				
Methoxychlor [2C]	0.0258	0.00164	mg/kg wet	0.0332		77.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0349*		*mg/kg wet*	*0.0664*		*52.6*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0336*		*mg/kg wet*	*0.0664*		*50.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0354*		*mg/kg wet*	*0.0664*		*53.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0348*		*mg/kg wet*	*0.0664*		*52.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0354*		*mg/kg wet*	*0.0664*		*53.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0348*		*mg/kg wet*	*0.0664*		*52.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60249 - EPA 3546 PPCB											
LCS (BB60249-BS1)							Prepared & Analyzed: 02/05/2026				
Surrogate: Decachlorobiphenyl	*0.0349*		*mg/kg wet*	*0.0664*		*52.6*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0336*		*mg/kg wet*	*0.0664*		*50.5*	*30-150*				
Batch BB60275 - EPA 3546 PPCB											
Blank (BB60275-BLK1)							Prepared: 02/05/2026 Analyzed: 02/06/2026				
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDD [2C]	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	mg/kg wet								
4,4'-DDE [2C]	ND	0.00165	mg/kg wet								
4,4'-DDT	ND	0.00165	mg/kg wet								
4,4'-DDT [2C]	ND	0.00165	mg/kg wet								
Aldrin	ND	0.00165	mg/kg wet								
Aldrin [2C]	ND	0.00165	mg/kg wet								
alpha-BHC	ND	0.00165	mg/kg wet								
alpha-BHC [2C]	ND	0.00165	mg/kg wet								
alpha-Chlordane	ND	0.00165	mg/kg wet								
alpha-Chlordane [2C]	ND	0.00165	mg/kg wet								
beta-BHC	ND	0.00165	mg/kg wet								
beta-BHC [2C]	ND	0.00165	mg/kg wet								
delta-BHC	ND	0.00165	mg/kg wet								
delta-BHC [2C]	ND	0.00165	mg/kg wet								
Dieldrin	ND	0.00165	mg/kg wet								
Dieldrin [2C]	ND	0.00165	mg/kg wet								
Endosulfan I	ND	0.00165	mg/kg wet								
Endosulfan I [2C]	ND	0.00165	mg/kg wet								
Endosulfan II	ND	0.00165	mg/kg wet								
Endosulfan II [2C]	ND	0.00165	mg/kg wet								
Endosulfan sulfate	ND	0.00165	mg/kg wet								
Endosulfan sulfate [2C]	ND	0.00165	mg/kg wet								
Endrin	ND	0.00165	mg/kg wet								
Endrin [2C]	ND	0.00165	mg/kg wet								
Endrin aldehyde	ND	0.00165	mg/kg wet								
Endrin aldehyde [2C]	ND	0.00165	mg/kg wet								
Endrin ketone	ND	0.00165	mg/kg wet								
Endrin ketone [2C]	ND	0.00165	mg/kg wet								
gamma-BHC (Lindane)	ND	0.00165	mg/kg wet								
gamma-BHC (Lindane) [2C]	ND	0.00165	mg/kg wet								
gamma-Chlordane	ND	0.00165	mg/kg wet								
gamma-Chlordane [2C]	ND	0.00165	mg/kg wet								
Heptachlor	ND	0.00165	mg/kg wet								
Heptachlor [2C]	ND	0.00165	mg/kg wet								
Heptachlor epoxide	ND	0.00165	mg/kg wet								
Heptachlor epoxide [2C]	ND	0.00165	mg/kg wet								
Methoxychlor	ND	0.00165	mg/kg wet								
Methoxychlor [2C]	ND	0.00165	mg/kg wet								
Toxaphene	ND	0.165	mg/kg wet								
Toxaphene [2C]	ND	0.165	mg/kg wet								
Chlordane, total	ND	0.0330	mg/kg wet								
Chlordane, total [2C]	ND	0.0330	mg/kg wet								
Surrogate: Decachlorobiphenyl	*0.0685*		*mg/kg wet*	*0.0667*		*103*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60275 - EPA 3546 PPCB											
Blank (BB60275-BLK1)								Prepared: 02/05/2026 Analyzed: 02/06/2026			
Surrogate: Decachlorobiphenyl [2C]	*0.0665*		*mg/kg wet*	*0.0667*		*99.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0708*		*mg/kg wet*	*0.0667*		*106*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0678*		*mg/kg wet*	*0.0667*		*102*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0708*		*mg/kg wet*	*0.0667*		*106*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0678*		*mg/kg wet*	*0.0667*		*102*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0685*		*mg/kg wet*	*0.0667*		*103*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0665*		*mg/kg wet*	*0.0667*		*99.7*	*30-150*				
LCS (BB60275-BS1)								Prepared: 02/05/2026 Analyzed: 02/06/2026			
4,4'-DDD	0.0286	0.00165	mg/kg wet	0.0333		85.9	40-140				
4,4'-DDD [2C]	0.0304	0.00165	mg/kg wet	0.0333		91.3	40-140				
4,4'-DDE	0.0272	0.00165	mg/kg wet	0.0333		81.5	40-140				
4,4'-DDE [2C]	0.0261	0.00165	mg/kg wet	0.0333		78.4	40-140				
4,4'-DDT	0.0272	0.00165	mg/kg wet	0.0333		81.6	40-140				
4,4'-DDT [2C]	0.0236	0.00165	mg/kg wet	0.0333		70.9	40-140				
Aldrin	0.0288	0.00165	mg/kg wet	0.0333		86.3	40-140				
Aldrin [2C]	0.0265	0.00165	mg/kg wet	0.0333		79.5	40-140				
alpha-BHC	0.0295	0.00165	mg/kg wet	0.0333		88.4	40-140				
alpha-BHC [2C]	0.0274	0.00165	mg/kg wet	0.0333		82.1	40-140				
alpha-Chlordane	0.0305	0.00165	mg/kg wet	0.0333		91.6	40-140				
alpha-Chlordane [2C]	0.0259	0.00165	mg/kg wet	0.0333		77.6	40-140				
beta-BHC	0.0316	0.00165	mg/kg wet	0.0333		94.7	40-140				
beta-BHC [2C]	0.0283	0.00165	mg/kg wet	0.0333		84.9	40-140				
delta-BHC	0.0278	0.00165	mg/kg wet	0.0333		83.4	40-140				
delta-BHC [2C]	0.0257	0.00165	mg/kg wet	0.0333		77.0	40-140				
Dieldrin	0.0301	0.00165	mg/kg wet	0.0333		90.4	40-140				
Dieldrin [2C]	0.0257	0.00165	mg/kg wet	0.0333		77.0	40-140				
Endosulfan I	0.0298	0.00165	mg/kg wet	0.0333		89.5	40-140				
Endosulfan I [2C]	0.0257	0.00165	mg/kg wet	0.0333		77.2	40-140				
Endosulfan II	0.0269	0.00165	mg/kg wet	0.0333		80.6	40-140				
Endosulfan II [2C]	0.0244	0.00165	mg/kg wet	0.0333		73.2	40-140				
Endosulfan sulfate	0.0238	0.00165	mg/kg wet	0.0333		71.3	40-140				
Endosulfan sulfate [2C]	0.0220	0.00165	mg/kg wet	0.0333		66.1	40-140				
Endrin	0.0289	0.00165	mg/kg wet	0.0333		86.6	40-140				
Endrin [2C]	0.0253	0.00165	mg/kg wet	0.0333		76.0	40-140				
Endrin aldehyde	0.0233	0.00165	mg/kg wet	0.0333		70.0	40-140				
Endrin aldehyde [2C]	0.0213	0.00165	mg/kg wet	0.0333		63.8	40-140				
Endrin ketone	0.0279	0.00165	mg/kg wet	0.0333		83.8	40-140				
Endrin ketone [2C]	0.0254	0.00165	mg/kg wet	0.0333		76.3	40-140				
gamma-BHC (Lindane)	0.0280	0.00165	mg/kg wet	0.0333		84.0	40-140				
gamma-BHC (Lindane) [2C]	0.0270	0.00165	mg/kg wet	0.0333		81.0	40-140				
gamma-Chlordane	0.0288	0.00165	mg/kg wet	0.0333		86.5	40-140				
gamma-Chlordane [2C]	0.0262	0.00165	mg/kg wet	0.0333		78.7	40-140				
Heptachlor	0.0279	0.00165	mg/kg wet	0.0333		83.6	40-140				
Heptachlor [2C]	0.0279	0.00165	mg/kg wet	0.0333		83.6	40-140				
Heptachlor epoxide	0.0297	0.00165	mg/kg wet	0.0333		89.0	40-140				
Heptachlor epoxide [2C]	0.0263	0.00165	mg/kg wet	0.0333		78.9	40-140				
Methoxychlor	0.0236	0.00165	mg/kg wet	0.0333		70.8	40-140				
Methoxychlor [2C]	0.0221	0.00165	mg/kg wet	0.0333		66.4	40-140				
Surrogate: Decachlorobiphenyl	*0.0724*		*mg/kg wet*	*0.0667*		*109*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60275 - EPA 3546 PPCB											
LCS (BB60275-BS1)											
								Prepared: 02/05/2026 Analyzed: 02/06/2026			
Surrogate: Decachlorobiphenyl [2C]	*0.0700*		*mg/kg wet*	*0.0667*		*105*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0747*		*mg/kg wet*	*0.0667*		*112*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0712*		*mg/kg wet*	*0.0667*		*107*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0747*		*mg/kg wet*	*0.0667*		*112*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0712*		*mg/kg wet*	*0.0667*		*107*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0724*		*mg/kg wet*	*0.0667*		*109*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0700*		*mg/kg wet*	*0.0667*		*105*	*30-150*				
Batch BB60371 - EPA 3546 PPCB											
Blank (BB60371-BLK1)											
								Prepared: 02/07/2026 Analyzed: 02/08/2026			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDD [2C]	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	mg/kg wet								
4,4'-DDE [2C]	ND	0.00164	mg/kg wet								
4,4'-DDT	ND	0.00164	mg/kg wet								
4,4'-DDT [2C]	ND	0.00164	mg/kg wet								
Aldrin	ND	0.00164	mg/kg wet								
Aldrin [2C]	ND	0.00164	mg/kg wet								
alpha-BHC	ND	0.00164	mg/kg wet								
alpha-BHC [2C]	ND	0.00164	mg/kg wet								
alpha-Chlordane	ND	0.00164	mg/kg wet								
alpha-Chlordane [2C]	ND	0.00164	mg/kg wet								
beta-BHC	ND	0.00164	mg/kg wet								
beta-BHC [2C]	ND	0.00164	mg/kg wet								
delta-BHC	ND	0.00164	mg/kg wet								
delta-BHC [2C]	ND	0.00164	mg/kg wet								
Dieldrin	ND	0.00164	mg/kg wet								
Dieldrin [2C]	ND	0.00164	mg/kg wet								
Endosulfan I	ND	0.00164	mg/kg wet								
Endosulfan I [2C]	ND	0.00164	mg/kg wet								
Endosulfan II	ND	0.00164	mg/kg wet								
Endosulfan II [2C]	ND	0.00164	mg/kg wet								
Endosulfan sulfate	ND	0.00164	mg/kg wet								
Endosulfan sulfate [2C]	ND	0.00164	mg/kg wet								
Endrin	ND	0.00164	mg/kg wet								
Endrin [2C]	ND	0.00164	mg/kg wet								
Endrin aldehyde	ND	0.00164	mg/kg wet								
Endrin aldehyde [2C]	ND	0.00164	mg/kg wet								
Endrin ketone	ND	0.00164	mg/kg wet								
Endrin ketone [2C]	ND	0.00164	mg/kg wet								
gamma-BHC (Lindane)	ND	0.00164	mg/kg wet								
gamma-BHC (Lindane) [2C]	ND	0.00164	mg/kg wet								
gamma-Chlordane	ND	0.00164	mg/kg wet								
gamma-Chlordane [2C]	ND	0.00164	mg/kg wet								
Heptachlor	ND	0.00164	mg/kg wet								
Heptachlor [2C]	ND	0.00164	mg/kg wet								
Heptachlor epoxide	ND	0.00164	mg/kg wet								
Heptachlor epoxide [2C]	ND	0.00164	mg/kg wet								
Methoxychlor	ND	0.00164	mg/kg wet								
Methoxychlor [2C]	ND	0.00164	mg/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60371 - EPA 3546 PPCB											
Blank (BB60371-BLK1)								Prepared: 02/07/2026 Analyzed: 02/08/2026			
Toxaphene	ND	0.164	mg/kg wet								
Toxaphene [2C]	ND	0.164	mg/kg wet								
Chlordane, total	ND	0.0329	mg/kg wet								
Chlordane, total [2C]	ND	0.0329	mg/kg wet								
Surrogate: Decachlorobiphenyl	*0.0409*		*mg/kg wet*	*0.0664*		*61.5*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0437*		*mg/kg wet*	*0.0664*		*65.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0415*		*mg/kg wet*	*0.0664*		*62.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0436*		*mg/kg wet*	*0.0664*		*65.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0415*		*mg/kg wet*	*0.0664*		*62.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0436*		*mg/kg wet*	*0.0664*		*65.6*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0409*		*mg/kg wet*	*0.0664*		*61.5*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0437*		*mg/kg wet*	*0.0664*		*65.8*	*30-150*				
LCS (BB60371-BS1)								Prepared: 02/07/2026 Analyzed: 02/08/2026			
4,4'-DDD	0.0218	0.00164	mg/kg wet	0.0332		65.5	40-140				
4,4'-DDD [2C]	0.0197	0.00164	mg/kg wet	0.0332		59.2	40-140				
4,4'-DDE	0.0211	0.00164	mg/kg wet	0.0332		63.5	40-140				
4,4'-DDE [2C]	0.0333	0.00164	mg/kg wet	0.0332		100	40-140				
4,4'-DDT	0.0239	0.00164	mg/kg wet	0.0332		72.0	40-140				
4,4'-DDT [2C]	0.0222	0.00164	mg/kg wet	0.0332		66.7	40-140				
Aldrin	0.0229	0.00164	mg/kg wet	0.0332		69.0	40-140				
Aldrin [2C]	0.0220	0.00164	mg/kg wet	0.0332		66.2	40-140				
alpha-BHC	0.0230	0.00164	mg/kg wet	0.0332		69.2	40-140				
alpha-BHC [2C]	0.0231	0.00164	mg/kg wet	0.0332		69.5	40-140				
alpha-Chlordane	0.0228	0.00164	mg/kg wet	0.0332		68.6	40-140				
alpha-Chlordane [2C]	0.0222	0.00164	mg/kg wet	0.0332		66.9	40-140				
beta-BHC	0.0234	0.00164	mg/kg wet	0.0332		70.5	40-140				
beta-BHC [2C]	0.0227	0.00164	mg/kg wet	0.0332		68.4	40-140				
delta-BHC	0.0212	0.00164	mg/kg wet	0.0332		63.8	40-140				
delta-BHC [2C]	0.0209	0.00164	mg/kg wet	0.0332		62.8	40-140				
Dieldrin	0.0221	0.00164	mg/kg wet	0.0332		66.6	40-140				
Dieldrin [2C]	0.0209	0.00164	mg/kg wet	0.0332		63.0	40-140				
Endosulfan I	0.0237	0.00164	mg/kg wet	0.0332		71.3	40-140				
Endosulfan I [2C]	0.0224	0.00164	mg/kg wet	0.0332		67.6	40-140				
Endosulfan II	0.0229	0.00164	mg/kg wet	0.0332		69.0	40-140				
Endosulfan II [2C]	0.0330	0.00164	mg/kg wet	0.0332		99.4	40-140				
Endosulfan sulfate	0.0228	0.00164	mg/kg wet	0.0332		68.5	40-140				
Endosulfan sulfate [2C]	0.0298	0.00164	mg/kg wet	0.0332		89.6	40-140				
Endrin	0.0226	0.00164	mg/kg wet	0.0332		67.9	40-140				
Endrin [2C]	0.0220	0.00164	mg/kg wet	0.0332		66.3	40-140				
Endrin aldehyde	0.0211	0.00164	mg/kg wet	0.0332		63.4	40-140				
Endrin aldehyde [2C]	0.0207	0.00164	mg/kg wet	0.0332		62.4	40-140				
Endrin ketone	0.0236	0.00164	mg/kg wet	0.0332		71.1	40-140				
Endrin ketone [2C]	0.0221	0.00164	mg/kg wet	0.0332		66.6	40-140				
gamma-BHC (Lindane)	0.0228	0.00164	mg/kg wet	0.0332		68.6	40-140				
gamma-BHC (Lindane) [2C]	0.0229	0.00164	mg/kg wet	0.0332		69.0	40-140				
gamma-Chlordane	0.0227	0.00164	mg/kg wet	0.0332		68.2	40-140				
gamma-Chlordane [2C]	0.0221	0.00164	mg/kg wet	0.0332		66.4	40-140				
Heptachlor	0.0243	0.00164	mg/kg wet	0.0332		73.3	40-140				
Heptachlor [2C]	0.0235	0.00164	mg/kg wet	0.0332		70.9	40-140				
Heptachlor epoxide	0.0233	0.00164	mg/kg wet	0.0332		70.1	40-140				

Organochlorine Pesticides by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60371 - EPA 3546 PPCB											
LCS (BB60371-BS1)								Prepared: 02/07/2026 Analyzed: 02/08/2026			
Heptachlor epoxide [2C]	0.0219	0.00164	mg/kg wet	0.0332		66.0	40-140				
Methoxychlor	0.0232	0.00164	mg/kg wet	0.0332		69.9	40-140				
Methoxychlor [2C]	0.0231	0.00164	mg/kg wet	0.0332		69.4	40-140				
Surrogate: Decachlorobiphenyl	*0.0473*		*mg/kg wet*	*0.0664*		*71.2*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0512*		*mg/kg wet*	*0.0664*		*77.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0474*		*mg/kg wet*	*0.0664*		*71.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0496*		*mg/kg wet*	*0.0664*		*74.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0474*		*mg/kg wet*	*0.0664*		*71.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0496*		*mg/kg wet*	*0.0664*		*74.6*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0473*		*mg/kg wet*	*0.0664*		*71.2*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0512*		*mg/kg wet*	*0.0664*		*77.1*	*30-150*				
Matrix Spike (BB60371-MS1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/07/2026 Analyzed: 02/08/2026			
4,4'-DDD	0.0157	0.00192	mg/kg dry	0.0387	ND	40.4	30-150				
4,4'-DDD [2C]	0.0142	0.00192	mg/kg dry	0.0387	ND	36.6	30-150				
4,4'-DDE	0.0154	0.00192	mg/kg dry	0.0387	ND	39.9	30-150				
4,4'-DDE [2C]	0.0235	0.00192	mg/kg dry	0.0387	ND	60.6	30-150				
4,4'-DDT	0.0170	0.00192	mg/kg dry	0.0387	ND	44.0	30-150				
4,4'-DDT [2C]	0.0149	0.00192	mg/kg dry	0.0387	ND	38.4	30-150				
Aldrin	0.0170	0.00192	mg/kg dry	0.0387	ND	43.9	30-150				
Aldrin [2C]	0.0156	0.00192	mg/kg dry	0.0387	ND	40.4	30-150				
alpha-BHC	0.0164	0.00192	mg/kg dry	0.0387	ND	42.5	30-150				
alpha-BHC [2C]	0.0160	0.00192	mg/kg dry	0.0387	ND	41.4	30-150				
alpha-Chlordane	0.0168	0.00192	mg/kg dry	0.0387	ND	43.4	30-150				
alpha-Chlordane [2C]	0.0156	0.00192	mg/kg dry	0.0387	ND	40.3	30-150				
beta-BHC	0.0182	0.00192	mg/kg dry	0.0387	ND	46.9	30-150				
beta-BHC [2C]	0.0170	0.00192	mg/kg dry	0.0387	ND	44.0	30-150				
delta-BHC	0.0168	0.00192	mg/kg dry	0.0387	ND	43.3	30-150				
delta-BHC [2C]	0.0160	0.00192	mg/kg dry	0.0387	ND	41.2	30-150				
Dieldrin	0.0159	0.00192	mg/kg dry	0.0387	ND	41.1	30-150				
Dieldrin [2C]	0.0143	0.00192	mg/kg dry	0.0387	ND	37.0	30-150				
Endosulfan I	0.0166	0.00192	mg/kg dry	0.0387	ND	43.0	30-150				
Endosulfan I [2C]	0.0154	0.00192	mg/kg dry	0.0387	ND	39.7	30-150				
Endosulfan II	0.0162	0.00192	mg/kg dry	0.0387	ND	41.8	30-150				
Endosulfan II [2C]	0.0229	0.00192	mg/kg dry	0.0387	ND	59.1	30-150				
Endosulfan sulfate	0.0166	0.00192	mg/kg dry	0.0387	ND	42.8	30-150				
Endosulfan sulfate [2C]	0.0219	0.00192	mg/kg dry	0.0387	ND	56.5	30-150				
Endrin	0.0164	0.00192	mg/kg dry	0.0387	ND	42.4	30-150				
Endrin [2C]	0.0153	0.00192	mg/kg dry	0.0387	ND	39.4	30-150				
Endrin aldehyde	0.0161	0.00192	mg/kg dry	0.0387	ND	41.5	30-150				
Endrin aldehyde [2C]	0.0153	0.00192	mg/kg dry	0.0387	ND	39.4	30-150				
Endrin ketone	0.0172	0.00192	mg/kg dry	0.0387	ND	44.4	30-150				
Endrin ketone [2C]	0.0153	0.00192	mg/kg dry	0.0387	ND	39.5	30-150				
gamma-BHC (Lindane)	0.0163	0.00192	mg/kg dry	0.0387	ND	42.0	30-150				
gamma-BHC (Lindane) [2C]	0.0157	0.00192	mg/kg dry	0.0387	ND	40.5	30-150				
gamma-Chlordane	0.0165	0.00192	mg/kg dry	0.0387	ND	42.5	30-150				
gamma-Chlordane [2C]	0.0155	0.00192	mg/kg dry	0.0387	ND	40.1	30-150				
Heptachlor	0.0182	0.00192	mg/kg dry	0.0387	ND	46.9	30-150				
Heptachlor [2C]	0.0168	0.00192	mg/kg dry	0.0387	ND	43.4	30-150				
Heptachlor epoxide	0.0170	0.00192	mg/kg dry	0.0387	ND	43.8	30-150				
Heptachlor epoxide [2C]	0.0153	0.00192	mg/kg dry	0.0387	ND	39.6	30-150				

Organochlorine Pesticides by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60371 - EPA 3546 PPCB											
Matrix Spike (BB60371-MS1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/07/2026 Analyzed: 02/08/2026			
Methoxychlor	0.0187	0.00192	mg/kg dry	0.0387	ND	48.2	30-150				
Methoxychlor [2C]	0.0172	0.00192	mg/kg dry	0.0387	ND	44.3	30-150				
Surrogate: Decachlorobiphenyl	*0.0354*		*mg/kg dry*	*0.0775*		*45.8*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0376*		*mg/kg dry*	*0.0775*		*48.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0383*		*mg/kg dry*	*0.0775*		*49.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0393*		*mg/kg dry*	*0.0775*		*50.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0383*		*mg/kg dry*	*0.0775*		*49.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0393*		*mg/kg dry*	*0.0775*		*50.8*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0354*		*mg/kg dry*	*0.0775*		*45.8*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0376*		*mg/kg dry*	*0.0775*		*48.6*	*30-150*				
Matrix Spike Dup (BB60371-MSD1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/07/2026 Analyzed: 02/08/2026			
4,4'-DDD	0.0186	0.00192	mg/kg dry	0.0387	ND	48.0	30-150		17.1	30	
4,4'-DDD [2C]	0.0168	0.00192	mg/kg dry	0.0387	ND	43.5	30-150		17.0	30	
4,4'-DDE	0.0178	0.00192	mg/kg dry	0.0387	ND	45.9	30-150		14.1	30	
4,4'-DDE [2C]	0.0272	0.00192	mg/kg dry	0.0387	ND	70.1	30-150		14.7	30	
4,4'-DDT	0.0186	0.00192	mg/kg dry	0.0387	ND	47.9	30-150		8.55	30	
4,4'-DDT [2C]	0.0168	0.00192	mg/kg dry	0.0387	ND	43.3	30-150		11.9	30	
Aldrin	0.0189	0.00192	mg/kg dry	0.0387	ND	48.8	30-150		10.6	30	
Aldrin [2C]	0.0175	0.00192	mg/kg dry	0.0387	ND	45.2	30-150		11.2	30	
alpha-BHC	0.0180	0.00192	mg/kg dry	0.0387	ND	46.5	30-150		9.12	30	
alpha-BHC [2C]	0.0174	0.00192	mg/kg dry	0.0387	ND	44.9	30-150		8.17	30	
alpha-Chlordane	0.0192	0.00192	mg/kg dry	0.0387	ND	49.6	30-150		13.2	30	
alpha-Chlordane [2C]	0.0180	0.00192	mg/kg dry	0.0387	ND	46.4	30-150		14.3	30	
beta-BHC	0.0195	0.00192	mg/kg dry	0.0387	ND	50.4	30-150		7.07	30	
beta-BHC [2C]	0.0185	0.00192	mg/kg dry	0.0387	ND	47.8	30-150		8.21	30	
delta-BHC	0.0157	0.00192	mg/kg dry	0.0387	ND	40.4	30-150		6.91	30	
delta-BHC [2C]	0.0148	0.00192	mg/kg dry	0.0387	ND	38.2	30-150		7.58	30	
Dieldrin	0.0183	0.00192	mg/kg dry	0.0387	ND	47.3	30-150		14.0	30	
Dieldrin [2C]	0.0168	0.00192	mg/kg dry	0.0387	ND	43.3	30-150		15.7	30	
Endosulfan I	0.0177	0.00192	mg/kg dry	0.0387	ND	45.8	30-150		6.36	30	
Endosulfan I [2C]	0.0164	0.00192	mg/kg dry	0.0387	ND	42.4	30-150		6.57	30	
Endosulfan II	0.0170	0.00192	mg/kg dry	0.0387	ND	43.9	30-150		4.90	30	
Endosulfan II [2C]	0.0245	0.00192	mg/kg dry	0.0387	ND	63.2	30-150		6.73	30	
Endosulfan sulfate	0.0177	0.00192	mg/kg dry	0.0387	ND	45.8	30-150		6.74	30	
Endosulfan sulfate [2C]	0.0245	0.00192	mg/kg dry	0.0387	ND	63.2	30-150		11.3	30	
Endrin	0.0188	0.00192	mg/kg dry	0.0387	ND	48.6	30-150		13.7	30	
Endrin [2C]	0.0176	0.00192	mg/kg dry	0.0387	ND	45.5	30-150		14.4	30	
Endrin aldehyde	0.0178	0.00192	mg/kg dry	0.0387	ND	45.9	30-150		10.0	30	
Endrin aldehyde [2C]	0.0169	0.00192	mg/kg dry	0.0387	ND	43.7	30-150		10.2	30	
Endrin ketone	0.0195	0.00192	mg/kg dry	0.0387	ND	50.4	30-150		12.7	30	
Endrin ketone [2C]	0.0171	0.00192	mg/kg dry	0.0387	ND	44.1	30-150		11.0	30	
gamma-BHC (Lindane)	0.0173	0.00192	mg/kg dry	0.0387	ND	44.8	30-150		6.33	30	
gamma-BHC (Lindane) [2C]	0.0167	0.00192	mg/kg dry	0.0387	ND	43.1	30-150		6.27	30	
gamma-Chlordane	0.0187	0.00192	mg/kg dry	0.0387	ND	48.3	30-150		12.6	30	
gamma-Chlordane [2C]	0.0178	0.00192	mg/kg dry	0.0387	ND	45.9	30-150		13.5	30	
Heptachlor	0.0190	0.00192	mg/kg dry	0.0387	ND	49.0	30-150		4.29	30	
Heptachlor [2C]	0.0176	0.00192	mg/kg dry	0.0387	ND	45.5	30-150		4.79	30	
Heptachlor epoxide	0.0192	0.00192	mg/kg dry	0.0387	ND	49.5	30-150		12.2	30	
Heptachlor epoxide [2C]	0.0175	0.00192	mg/kg dry	0.0387	ND	45.3	30-150		13.5	30	
Methoxychlor	0.0218	0.00192	mg/kg dry	0.0387	ND	56.3	30-150		15.6	30	

Organochlorine Pesticides by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60371 - EPA 3546 PPCB											
Matrix Spike Dup (BB60371-MSD1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/07/2026 Analyzed: 02/08/2026			
Methoxychlor [2C]	0.0190	0.00192	mg/kg dry	0.0387	ND	48.9	30-150		9.93	30	
Surrogate: Decachlorobiphenyl	*0.0376*		*mg/kg dry*	*0.0775*		*48.5*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0402*		*mg/kg dry*	*0.0775*		*51.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0388*		*mg/kg dry*	*0.0775*		*50.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0396*		*mg/kg dry*	*0.0775*		*51.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0388*		*mg/kg dry*	*0.0775*		*50.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0396*		*mg/kg dry*	*0.0775*		*51.1*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0376*		*mg/kg dry*	*0.0775*		*48.5*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0402*		*mg/kg dry*	*0.0775*		*51.9*	*30-150*				
Batch BB60375 - EPA SW846-3510C Low Level											
Blank (BB60375-BLK1)								Prepared: 02/07/2026 Analyzed: 02/09/2026			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDD [2C]	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	ug/L								
4,4'-DDE [2C]	ND	0.00400	ug/L								
4,4'-DDT	ND	0.00400	ug/L								
4,4'-DDT [2C]	ND	0.00400	ug/L								
Aldrin	ND	0.00400	ug/L								
Aldrin [2C]	ND	0.00400	ug/L								
alpha-BHC	ND	0.00400	ug/L								
alpha-BHC [2C]	ND	0.00400	ug/L								
alpha-Chlordane	ND	0.00400	ug/L								
alpha-Chlordane [2C]	ND	0.00400	ug/L								
beta-BHC	ND	0.00400	ug/L								
beta-BHC [2C]	ND	0.00400	ug/L								
delta-BHC	ND	0.00400	ug/L								
delta-BHC [2C]	ND	0.00400	ug/L								
Dieldrin	ND	0.00200	ug/L								
Dieldrin [2C]	ND	0.00200	ug/L								
Endosulfan I	ND	0.00400	ug/L								
Endosulfan I [2C]	ND	0.00400	ug/L								
Endosulfan II	ND	0.00400	ug/L								
Endosulfan II [2C]	ND	0.00400	ug/L								
Endosulfan sulfate	ND	0.00400	ug/L								
Endosulfan sulfate [2C]	ND	0.00400	ug/L								
Endrin	ND	0.00400	ug/L								
Endrin [2C]	ND	0.00400	ug/L								
Endrin aldehyde	ND	0.0100	ug/L								
Endrin aldehyde [2C]	ND	0.0100	ug/L								
Endrin ketone	ND	0.0100	ug/L								
Endrin ketone [2C]	ND	0.0100	ug/L								
gamma-BHC (Lindane)	ND	0.00400	ug/L								
gamma-BHC (Lindane) [2C]	ND	0.00400	ug/L								
gamma-Chlordane	ND	0.0100	ug/L								
gamma-Chlordane [2C]	ND	0.0100	ug/L								
Heptachlor	ND	0.00400	ug/L								
Heptachlor [2C]	ND	0.00400	ug/L								
Heptachlor epoxide	ND	0.00400	ug/L								
Heptachlor epoxide [2C]	ND	0.00400	ug/L								

Organochlorine Pesticides by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60375 - EPA SW846-3510C Low Level											
Blank (BB60375-BLK1)								Prepared: 02/07/2026 Analyzed: 02/09/2026			
Methoxychlor	ND	0.00400	ug/L								
Methoxychlor [2C]	ND	0.00400	ug/L								
Toxaphene	ND	0.100	ug/L								
Toxaphene [2C]	ND	0.100	ug/L								
Chlordane, total	ND	0.200	ug/L								
Chlordane, total [2C]	ND	0.200	ug/L								
Chlordane, total (alpha, gamma)	ND	0.0100	ug/L								
Chlordane, total (alpha, gamma) [2C]	ND	0.0100	ug/L								
Surrogate: Decachlorobiphenyl	*0.0779*		*ug/L*	*0.200*		*39.0*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0805*		*ug/L*	*0.200*		*40.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0778*		*ug/L*	*0.200*		*38.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0786*		*ug/L*	*0.200*		*39.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0778*		*ug/L*	*0.200*		*38.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0786*		*ug/L*	*0.200*		*39.3*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0779*		*ug/L*	*0.200*		*39.0*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0805*		*ug/L*	*0.200*		*40.3*	*30-150*				
LCS (BB60375-BS1)								Prepared: 02/07/2026 Analyzed: 02/09/2026			
4,4'-DDD	0.0898	0.00400	ug/L	0.100		89.8	40-140			20	
4,4'-DDD [2C]	0.0966	0.00400	ug/L	0.100		96.6	40-140			20	
4,4'-DDE	0.0806	0.00400	ug/L	0.100		80.6	40-140			20	
4,4'-DDE [2C]	0.0967	0.00400	ug/L	0.100		96.7	40-140			20	
4,4'-DDT	0.0989	0.00400	ug/L	0.100		98.9	40-140			20	
4,4'-DDT [2C]	0.0869	0.00400	ug/L	0.100		86.9	40-140			20	
Aldrin	0.0524	0.00400	ug/L	0.100		52.4	40-140			20	
Aldrin [2C]	0.0494	0.00400	ug/L	0.100		49.4	40-140			20	
alpha-BHC	0.0723	0.00400	ug/L	0.100		72.3	40-140			20	
alpha-BHC [2C]	0.0665	0.00400	ug/L	0.100		66.5	40-140			20	
alpha-Chlordane	0.0738	0.00400	ug/L	0.100		73.8	40-140			20	
alpha-Chlordane [2C]	0.0713	0.00400	ug/L	0.100		71.3	40-140			20	
beta-BHC	0.0820	0.00400	ug/L	0.100		82.0	40-140			20	
beta-BHC [2C]	0.0729	0.00400	ug/L	0.100		72.9	40-140			20	
delta-BHC	0.0778	0.00400	ug/L	0.100		77.8	40-140			20	
delta-BHC [2C]	0.0664	0.00400	ug/L	0.100		66.4	40-140			20	
Dieldrin	0.0785	0.00200	ug/L	0.100		78.5	40-140			20	
Dieldrin [2C]	0.0738	0.00200	ug/L	0.100		73.8	40-140			20	
Endosulfan I	0.0756	0.00400	ug/L	0.100		75.6	40-140			20	
Endosulfan I [2C]	0.0752	0.00400	ug/L	0.100		75.2	40-140			20	
Endosulfan II	0.0848	0.00400	ug/L	0.100		84.8	40-140			20	
Endosulfan II [2C]	0.0995	0.00400	ug/L	0.100		99.5	40-140			20	
Endosulfan sulfate	0.0861	0.00400	ug/L	0.100		86.1	40-140			20	
Endosulfan sulfate [2C]	0.101	0.00400	ug/L	0.100		101	40-140			20	
Endrin	0.0860	0.00400	ug/L	0.100		86.0	40-140			20	
Endrin [2C]	0.0830	0.00400	ug/L	0.100		83.0	40-140			20	
Endrin aldehyde	0.0804	0.0100	ug/L	0.100		80.4	40-140			20	
Endrin aldehyde [2C]	0.0771	0.0100	ug/L	0.100		77.1	40-140			20	
Endrin ketone	0.103	0.0100	ug/L	0.100		103	40-140			20	
Endrin ketone [2C]	0.0855	0.0100	ug/L	0.100		85.5	40-140			20	
gamma-BHC (Lindane)	0.0749	0.00400	ug/L	0.100		74.9	40-140			20	
gamma-BHC (Lindane) [2C]	0.0674	0.00400	ug/L	0.100		67.4	40-140			20	
gamma-Chlordane	0.0749	0.0100	ug/L	0.100		74.9	40-140			20	

Organochlorine Pesticides by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60375 - EPA SW846-3510C Low Level											
LCS (BB60375-BS1)							Prepared: 02/07/2026 Analyzed: 02/09/2026				
gamma-Chlordane [2C]	0.0713	0.0100	ug/L	0.100		71.3	40-140			20	
Heptachlor	0.0687	0.00400	ug/L	0.100		68.7	40-140			20	
Heptachlor [2C]	0.0606	0.00400	ug/L	0.100		60.6	40-140			20	
Heptachlor epoxide	0.0801	0.00400	ug/L	0.100		80.1	40-140			20	
Heptachlor epoxide [2C]	0.0677	0.00400	ug/L	0.100		67.7	40-140			20	
Methoxychlor	0.108	0.00400	ug/L	0.100		108	40-140			20	
Methoxychlor [2C]	0.0900	0.00400	ug/L	0.100		90.0	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0587*		*ug/L*	*0.200*		*29.4*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0577*		*ug/L*	*0.200*		*28.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.111*		*ug/L*	*0.200*		*55.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.107*		*ug/L*	*0.200*		*53.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.111*		*ug/L*	*0.200*		*55.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.107*		*ug/L*	*0.200*		*53.7*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0587*		*ug/L*	*0.200*		*29.4*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0577*		*ug/L*	*0.200*		*28.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60248 - EPA 3546 PPCB											
Blank (BB60248-BLK1)								Prepared & Analyzed: 02/05/2026			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1016 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	mg/kg wet								
Aroclor 1221 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1232	ND	0.0166	mg/kg wet								
Aroclor 1232 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1242	ND	0.0166	mg/kg wet								
Aroclor 1242 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1248	ND	0.0166	mg/kg wet								
Aroclor 1248 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1254	ND	0.0166	mg/kg wet								
Aroclor 1254 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1260	ND	0.0166	mg/kg wet								
Aroclor 1260 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1262	ND	0.0166	mg/kg wet								
Aroclor 1262 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1268	ND	0.0166	mg/kg wet								
Aroclor 1268 [2C]	ND	0.0166	mg/kg wet								
Total PCBs	ND	0.0166	mg/kg wet								
Total PCBs [2C]	ND	0.0166	mg/kg wet								
Surrogate: Decachlorobiphenyl	*0.0359*		*mg/kg wet*	*0.0664*		*54.0*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0452*		*mg/kg wet*	*0.0664*		*68.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0415*		*mg/kg wet*	*0.0664*		*62.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0412*		*mg/kg wet*	*0.0664*		*62.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0415*		*mg/kg wet*	*0.0664*		*62.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0412*		*mg/kg wet*	*0.0664*		*62.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0359*		*mg/kg wet*	*0.0664*		*54.0*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0452*		*mg/kg wet*	*0.0664*		*68.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60248 - EPA 3546 PPCB											
LCS (BB60248-BS2)							Prepared & Analyzed: 02/05/2026				
Aroclor 1016	0.312	0.0166	mg/kg wet	0.332		94.0	40-130				
Aroclor 1016 [2C]	0.302	0.0166	mg/kg wet	0.332		90.8	40-130				
Aroclor 1260	0.327	0.0166	mg/kg wet	0.332		98.5	40-130				
Aroclor 1260 [2C]	0.333	0.0166	mg/kg wet	0.332		100	40-130				
Surrogate: Decachlorobiphenyl	*0.0362*		*mg/kg wet*	*0.0664*		*54.5*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0452*		*mg/kg wet*	*0.0664*		*68.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0379*		*mg/kg wet*	*0.0664*		*57.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0375*		*mg/kg wet*	*0.0664*		*56.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0379*		*mg/kg wet*	*0.0664*		*57.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0375*		*mg/kg wet*	*0.0664*		*56.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0362*		*mg/kg wet*	*0.0664*		*54.5*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0452*		*mg/kg wet*	*0.0664*		*68.0*	*30-120*				
Batch BB60274 - EPA 3546 PPCB											
Blank (BB60274-BLK1)							Prepared: 02/05/2026 Analyzed: 02/06/2026				
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1016 [2C]	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	mg/kg wet								
Aroclor 1221 [2C]	ND	0.0167	mg/kg wet								
Aroclor 1232	ND	0.0167	mg/kg wet								
Aroclor 1232 [2C]	ND	0.0167	mg/kg wet								
Aroclor 1242	ND	0.0167	mg/kg wet								
Aroclor 1242 [2C]	ND	0.0167	mg/kg wet								
Aroclor 1248	ND	0.0167	mg/kg wet								
Aroclor 1248 [2C]	ND	0.0167	mg/kg wet								
Aroclor 1254	ND	0.0167	mg/kg wet								
Aroclor 1254 [2C]	ND	0.0167	mg/kg wet								
Aroclor 1260	ND	0.0167	mg/kg wet								
Aroclor 1260 [2C]	ND	0.0167	mg/kg wet								
Aroclor 1262	ND	0.0167	mg/kg wet								
Aroclor 1262 [2C]	ND	0.0167	mg/kg wet								
Aroclor 1268	ND	0.0167	mg/kg wet								
Aroclor 1268 [2C]	ND	0.0167	mg/kg wet								
Total PCBs	ND	0.0167	mg/kg wet								
Total PCBs [2C]	ND	0.0167	mg/kg wet								
Surrogate: Decachlorobiphenyl	*0.0697*		*mg/kg wet*	*0.0667*		*104*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0893*		*mg/kg wet*	*0.0667*		*134*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0610*		*mg/kg wet*	*0.0667*		*91.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0587*		*mg/kg wet*	*0.0667*		*88.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0610*		*mg/kg wet*	*0.0667*		*91.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0587*		*mg/kg wet*	*0.0667*		*88.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0697*		*mg/kg wet*	*0.0667*		*104*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0893*		*mg/kg wet*	*0.0667*		*134*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60274 - EPA 3546 PPCB											
LCS (BB60274-BS2)								Prepared: 02/05/2026 Analyzed: 02/06/2026			
Aroclor 1016	0.332	0.0167	mg/kg wet	0.333		99.7	40-130				
Aroclor 1016 [2C]	0.313	0.0167	mg/kg wet	0.333		93.8	40-130				
Aroclor 1260	0.344	0.0167	mg/kg wet	0.333		103	40-130				
Aroclor 1260 [2C]	0.339	0.0167	mg/kg wet	0.333		102	40-130				
Surrogate: Decachlorobiphenyl	*0.0650*		*mg/kg wet*	*0.0667*		*97.5*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0817*		*mg/kg wet*	*0.0667*		*122*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0590*		*mg/kg wet*	*0.0667*		*88.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0577*		*mg/kg wet*	*0.0667*		*86.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0590*		*mg/kg wet*	*0.0667*		*88.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0577*		*mg/kg wet*	*0.0667*		*86.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0650*		*mg/kg wet*	*0.0667*		*97.5*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0817*		*mg/kg wet*	*0.0667*		*122*	*30-120*				
Batch BB60370 - EPA 3546 PPCB											
Blank (BB60370-BLK1)								Prepared: 02/07/2026 Analyzed: 02/08/2026			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1016 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	mg/kg wet								
Aroclor 1221 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1232	ND	0.0166	mg/kg wet								
Aroclor 1232 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1242	ND	0.0166	mg/kg wet								
Aroclor 1242 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1248	ND	0.0166	mg/kg wet								
Aroclor 1248 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1254	ND	0.0166	mg/kg wet								
Aroclor 1254 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1260	ND	0.0166	mg/kg wet								
Aroclor 1260 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1262	ND	0.0166	mg/kg wet								
Aroclor 1262 [2C]	ND	0.0166	mg/kg wet								
Aroclor 1268	ND	0.0166	mg/kg wet								
Aroclor 1268 [2C]	ND	0.0166	mg/kg wet								
Total PCBs	ND	0.0166	mg/kg wet								
Total PCBs [2C]	ND	0.0166	mg/kg wet								
Surrogate: Decachlorobiphenyl	*0.0379*		*mg/kg wet*	*0.0664*		*57.0*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0492*		*mg/kg wet*	*0.0664*		*74.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0392*		*mg/kg wet*	*0.0664*		*59.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0379*		*mg/kg wet*	*0.0664*		*57.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0392*		*mg/kg wet*	*0.0664*		*59.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0379*		*mg/kg wet*	*0.0664*		*57.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0379*		*mg/kg wet*	*0.0664*		*57.0*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0492*		*mg/kg wet*	*0.0664*		*74.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60370 - EPA 3546 PPCB											
LCS (BB60370-BS2)								Prepared: 02/07/2026 Analyzed: 02/08/2026			
Aroclor 1016	0.263	0.0166	mg/kg wet	0.332		79.2	40-130				
Aroclor 1016 [2C]	0.255	0.0166	mg/kg wet	0.332		76.8	40-130				
Aroclor 1260	0.286	0.0166	mg/kg wet	0.332		86.2	40-130				
Aroclor 1260 [2C]	0.289	0.0166	mg/kg wet	0.332		87.0	40-130				
Surrogate: Decachlorobiphenyl	*0.0349*		*mg/kg wet*	*0.0664*		*52.5*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0435*		*mg/kg wet*	*0.0664*		*65.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0342*		*mg/kg wet*	*0.0664*		*51.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0339*		*mg/kg wet*	*0.0664*		*51.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0342*		*mg/kg wet*	*0.0664*		*51.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0339*		*mg/kg wet*	*0.0664*		*51.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0349*		*mg/kg wet*	*0.0664*		*52.5*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0435*		*mg/kg wet*	*0.0664*		*65.5*	*30-120*				
Matrix Spike (BB60370-MS2)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/07/2026 Analyzed: 02/08/2026			
Aroclor 1016	0.274	0.0194	mg/kg dry	0.387	ND	70.7	40-140				
Aroclor 1016 [2C]	0.267	0.0194	mg/kg dry	0.387	ND	68.9	40-140				
Aroclor 1260	0.290	0.0194	mg/kg dry	0.387	ND	74.9	40-140				
Aroclor 1260 [2C]	0.291	0.0194	mg/kg dry	0.387	ND	75.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0349*		*mg/kg dry*	*0.0775*		*45.0*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0442*		*mg/kg dry*	*0.0775*		*57.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0376*		*mg/kg dry*	*0.0775*		*48.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0380*		*mg/kg dry*	*0.0775*		*49.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0376*		*mg/kg dry*	*0.0775*		*48.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0380*		*mg/kg dry*	*0.0775*		*49.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0349*		*mg/kg dry*	*0.0775*		*45.0*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0442*		*mg/kg dry*	*0.0775*		*57.0*	*30-120*				
Matrix Spike Dup (BB60370-MSD2)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/07/2026 Analyzed: 02/08/2026			
Aroclor 1016	0.257	0.0194	mg/kg dry	0.387	ND	66.2	40-140		6.57	50	
Aroclor 1016 [2C]	0.250	0.0194	mg/kg dry	0.387	ND	64.5	40-140		6.66	50	
Aroclor 1260	0.270	0.0194	mg/kg dry	0.387	ND	69.6	40-140		7.33	50	
Aroclor 1260 [2C]	0.271	0.0194	mg/kg dry	0.387	ND	70.0	40-140		7.13	50	
Surrogate: Decachlorobiphenyl	*0.0306*		*mg/kg dry*	*0.0775*		*39.5*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0395*		*mg/kg dry*	*0.0775*		*51.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0341*		*mg/kg dry*	*0.0775*		*44.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0337*		*mg/kg dry*	*0.0775*		*43.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0341*		*mg/kg dry*	*0.0775*		*44.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0337*		*mg/kg dry*	*0.0775*		*43.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0306*		*mg/kg dry*	*0.0775*		*39.5*	*30-120*				
Surrogate: Decachlorobiphenyl [2C]	*0.0395*		*mg/kg dry*	*0.0775*		*51.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60374 - EPA SW846-3510C Low Level											
Blank (BB60374-BLK2)								Prepared: 02/07/2026 Analyzed: 02/09/2026			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1016 [2C]	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	ug/L								
Aroclor 1221 [2C]	ND	0.0500	ug/L								
Aroclor 1232	ND	0.0500	ug/L								
Aroclor 1232 [2C]	ND	0.0500	ug/L								
Aroclor 1242	ND	0.0500	ug/L								
Aroclor 1242 [2C]	ND	0.0500	ug/L								
Aroclor 1248	ND	0.0500	ug/L								
Aroclor 1248 [2C]	ND	0.0500	ug/L								
Aroclor 1254	ND	0.0500	ug/L								
Aroclor 1254 [2C]	ND	0.0500	ug/L								
Aroclor 1260	ND	0.0500	ug/L								
Aroclor 1260 [2C]	ND	0.0500	ug/L								
Aroclor 1262	ND	0.0500	ug/L								
Aroclor 1262 [2C]	ND	0.0500	ug/L								
Aroclor 1268	ND	0.0500	ug/L								
Aroclor 1268 [2C]	ND	0.0500	ug/L								
Total PCBs	ND	0.0500	ug/L								
Total PCBs [2C]	ND	0.0500	ug/L								
Surrogate: Decachlorobiphenyl	*0.0720*		*ug/L*	*0.200*		*36.0*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0830*		*ug/L*	*0.200*		*41.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0820*		*ug/L*	*0.200*		*41.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0760*		*ug/L*	*0.200*		*38.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0820*		*ug/L*	*0.200*		*41.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.0760*		*ug/L*	*0.200*		*38.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0720*		*ug/L*	*0.200*		*36.0*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0830*		*ug/L*	*0.200*		*41.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60374 - EPA SW846-3510C Low Level											
LCS (BB60374-BS2)								Prepared: 02/07/2026 Analyzed: 02/09/2026			
Aroclor 1016	0.805	0.0500	ug/L	1.00		80.5	40-120			20	
Aroclor 1016 [2C]	0.749	0.0500	ug/L	1.00		74.9	40-120			30	
Aroclor 1260	0.968	0.0500	ug/L	1.00		96.8	40-120			20	
Aroclor 1260 [2C]	0.912	0.0500	ug/L	1.00		91.2	40-120			30	
Surrogate: Decachlorobiphenyl	*0.0620*		*ug/L*	*0.200*		*31.0*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0680*		*ug/L*	*0.200*		*34.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.113*		*ug/L*	*0.200*		*56.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.107*		*ug/L*	*0.200*		*53.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.113*		*ug/L*	*0.200*		*56.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.107*		*ug/L*	*0.200*		*53.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0620*		*ug/L*	*0.200*		*31.0*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0680*		*ug/L*	*0.200*		*34.0*	*30-120*				
LCS Dup (BB60374-BSD2)								Prepared: 02/07/2026 Analyzed: 02/09/2026			
Aroclor 1016	0.736	0.0500	ug/L	1.00		73.6	40-120		8.93	20	
Aroclor 1016 [2C]	0.664	0.0500	ug/L	1.00		66.4	40-120		12.0	30	
Aroclor 1260	0.836	0.0500	ug/L	1.00		83.6	40-120		14.7	20	
Aroclor 1260 [2C]	0.786	0.0500	ug/L	1.00		78.6	40-120		14.9	30	
Surrogate: Decachlorobiphenyl	*0.0550*		*ug/L*	*0.200*		*27.5*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0630*		*ug/L*	*0.200*		*31.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.109*		*ug/L*	*0.200*		*54.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.102*		*ug/L*	*0.200*		*51.0*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.109*		*ug/L*	*0.200*		*54.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene [2C]	*0.102*		*ug/L*	*0.200*		*51.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0550*		*ug/L*	*0.200*		*27.5*	*30-150*				
Surrogate: Decachlorobiphenyl [2C]	*0.0630*		*ug/L*	*0.200*		*31.5*	*30-120*				

Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60246 - EPA 3015A											
Blank (BB60246-BLK1)								Prepared & Analyzed: 02/05/2026			
Aluminum	ND	0.556	mg/L								
Barium	ND	0.0278	mg/L								
Calcium	ND	0.556	mg/L								
Chromium	ND	0.00556	mg/L								
Cobalt	ND	0.00444	mg/L								
Copper	ND	0.0222	mg/L								
Iron	ND	0.278	mg/L								
Lead	ND	0.00667	mg/L								
Magnesium	ND	0.0667	mg/L								
Manganese	ND	0.00556	mg/L								
Nickel	ND	0.0111	mg/L								
Selenium	ND	0.0278	mg/L								
Potassium	ND	1.11	mg/L								
Selenium	ND	0.0278	mg/L								
Silver	ND	0.00667	mg/L								
Sodium	ND	1.11	mg/L								
Vanadium	ND	0.0111	mg/L								
Zinc	ND	0.0278	mg/L								
LCS (BB60246-BS1)								Prepared & Analyzed: 02/05/2026			
Aluminum	1.90		ug/mL	2.00		95.0	80-120				
Barium	1.93		ug/mL	2.00		96.5	80-120				
Calcium	1.05		ug/mL	1.00		105	80-120				
Chromium	0.190		ug/mL	0.200		95.0	80-120				
Cobalt	0.480		ug/mL	0.500		96.1	80-120				
Copper	0.245		ug/mL	0.250		97.9	80-120				
Iron	0.899		ug/mL	1.00		89.9	80-120				
Lead	0.486		ug/mL	0.500		97.2	80-120				
Magnesium	0.960		ug/mL	1.00		96.0	80-120				
Manganese	0.482		ug/mL	0.500		96.3	80-120				
Nickel	0.487		ug/mL	0.500		97.3	80-120				
Selenium	1.76		ug/mL	2.00		88.1	80-120				
Potassium	0.984		ug/mL	1.00		98.4	80-120				
Selenium	1.76		ug/mL	2.00		88.1	80-120				
Silver	0.0452		ug/mL	0.0500		90.4	80-120				
Sodium	1.05		ug/mL	1.00		105	80-120				
Vanadium	0.473		ug/mL	0.500		94.6	80-120				
Zinc	0.471		ug/mL	0.500		94.2	80-120				

Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60246 - EPA 3015A											
Dilution Check (BB60246-SRL1)	*Source sample: 26B0109-05 (Dilution Check)							Prepared & Analyzed: 02/05/2026			
Aluminum	ND	2.78	mg/L		ND					10	
Barium	ND	0.139	mg/L		ND					10	
Calcium	ND	2.78	mg/L		ND					10	
Chromium	ND	0.0278	mg/L		ND					10	
Cobalt	ND	0.0222	mg/L		ND					10	
Copper	ND	0.111	mg/L		ND					10	
Iron	ND	1.39	mg/L		ND					10	
Lead	ND	0.0333	mg/L		ND					10	
Magnesium	ND	0.333	mg/L		ND					10	
Manganese	ND	0.0278	mg/L		ND					10	
Nickel	ND	0.0556	mg/L		ND					10	
Selenium	ND	0.139	mg/L		ND					10	
Potassium	ND	5.56	mg/L		ND					10	
Selenium	ND	0.139	mg/L		ND					10	
Silver	ND	0.0333	mg/L		ND					10	
Sodium	ND	5.56	mg/L		8.91					10	
Vanadium	ND	0.0556	mg/L		ND					10	
Zinc	ND	0.139	mg/L		ND					10	
Batch BB60269 - EPA 3015A											
Blank (BB60269-BLK1)								Prepared & Analyzed: 02/05/2026			
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	ug/L								
Beryllium	ND	0.333	ug/L								
Cadmium	ND	0.556	ug/L								
Thallium	ND	1.11	ug/L								

Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60269 - EPA 3015A											
LCS (BB60269-BS1)								Prepared & Analyzed: 02/05/2026			
Antimony	47.8		ug/L	50.0		95.7	80-120				
Arsenic	48.2		ug/L	50.0		96.4	80-120				
Beryllium	50.0		ug/L	50.0		100	80-120				
Cadmium	46.9		ug/L	50.0		93.9	80-120				
Thallium	48.7		ug/L	50.0		97.3	80-120				
LCS (BB60269-BS2)								Prepared & Analyzed: 02/05/2026			
Antimony	47.1		ug/L	50.0		94.2	80-120				
Arsenic	48.0		ug/L	50.0		96.0	80-120				
Beryllium	48.4		ug/L	50.0		96.9	80-120				
Cadmium	46.3		ug/L	50.0		92.6	80-120				
Thallium	48.5		ug/L	50.0		97.0	80-120				
LCS (BB60269-BS3)								Prepared & Analyzed: 02/05/2026			
Antimony	57.5		ug/L	50.0		115	80-120				
Arsenic	61.2		ug/L	50.0		122	80-120	High Bias			
Beryllium	60.6		ug/L	50.0		121	80-120	High Bias			
Cadmium	56.4		ug/L	50.0		113	80-120				
Thallium	61.2		ug/L	50.0		122	80-120	High Bias			
LCS (BB60269-BS4)								Prepared & Analyzed: 02/05/2026			
Antimony	51.5		ug/L	50.0		103	80-120				
Arsenic	53.9		ug/L	50.0		108	80-120				
Beryllium	50.3		ug/L	50.0		101	80-120				
Cadmium	51.2		ug/L	50.0		102	80-120				
Thallium	49.4		ug/L	50.0		98.8	80-120				
Duplicate (BB60269-DUP1)	*Source sample: 26B0173-10 (Field Blank)							Prepared & Analyzed: 02/05/2026			
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	ug/L		ND					20	
Beryllium	ND	0.333	ug/L		ND					20	
Cadmium	ND	0.556	ug/L		ND					20	
Thallium	ND	1.11	ug/L		ND					20	

Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60269 - EPA 3015A											
Matrix Spike (BB60269-MS1)	*Source sample: 26B0173-10 (Field Blank)							Prepared & Analyzed: 02/05/2026			
Antimony	46.9		ug/L	50.0	0.146	93.5	75-125				
Arsenic	46.9		ug/L	50.0	0.052	93.7	75-125				
Beryllium	48.2		ug/L	50.0	0.012	96.4	75-125				
Cadmium	46.4		ug/L	50.0	0.005	92.9	75-125				
Thallium	48.2		ug/L	50.0	0.054	96.3	75-125				
Dilution Check (BB60269-SRL1)	*Source sample: 26B0173-10 (Field Blank)							Prepared & Analyzed: 02/05/2026			
Antimony	ND	5.56	ug/L		ND					10	
Arsenic	ND	5.56	ug/L		ND					10	
Beryllium	ND	1.67	ug/L		ND					10	
Cadmium	ND	2.78	ug/L		ND					10	
Thallium	ND	5.56	ug/L		ND					10	
Batch BB60289 - EPA 3050B											
Blank (BB60289-BLK1)								Prepared: 02/05/2026 Analyzed: 02/06/2026			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	mg/kg wet								
Arsenic	ND	1.25	mg/kg wet								
Barium	ND	2.08	mg/kg wet								
Beryllium	ND	0.042	mg/kg wet								
Cadmium	ND	0.250	mg/kg wet								
Calcium	ND	4.17	mg/kg wet								
Chromium	ND	0.417	mg/kg wet								
Cobalt	ND	0.333	mg/kg wet								
Copper	ND	1.67	mg/kg wet								
Iron	ND	20.8	mg/kg wet								
Lead	ND	0.417	mg/kg wet								
Magnesium	ND	4.17	mg/kg wet								
Manganese	ND	0.417	mg/kg wet								
Nickel	ND	0.830	mg/kg wet								
Potassium	ND	4.17	mg/kg wet								
Selenium	ND	2.08	mg/kg wet								
Silver	ND	0.420	mg/kg wet								
Sodium	ND	41.7	mg/kg wet								
Thallium	ND	1.67	mg/kg wet								
Vanadium	ND	0.830	mg/kg wet								
Zinc	ND	2.08	mg/kg wet								

Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60289 - EPA 3050B											
Dilution Check (BB60289-SRL1)	*Source sample: 26B0001-01 (Dilution Check)							Prepared: 02/05/2026 Analyzed: 02/06/2026			
Aluminum	10400	23.0	mg/kg dry		8850				17.4	10	Non-dir.
Antimony	ND	11.5	mg/kg dry		ND					10	
Arsenic	ND	6.89	mg/kg dry		ND					10	
Barium	64.5	11.5	mg/kg dry		54.7				18.0	10	Non-dir.
Beryllium	0.391	0.232	mg/kg dry		0.382				2.16	10	
Cadmium	ND	1.38	mg/kg dry		ND					10	
Calcium	10200	23.0	mg/kg dry		8690				17.9	10	Non-dir.
Chromium	18.2	2.30	mg/kg dry		15.5				17.9	10	Non-dir.
Cobalt	6.29	1.84	mg/kg dry		5.05				24.8	10	Non-dir.
Copper	20.8	9.19	mg/kg dry		18.5				12.7	10	Non-dir.
Iron	14600	115	mg/kg dry		12600				15.6	10	Non-dir.
Lead	52.2	2.30	mg/kg dry		44.1				18.4	10	Non-dir.
Magnesium	3150	23.0	mg/kg dry		2670				17.9	10	Non-dir.
Manganese	253	2.30	mg/kg dry		212				19.1	10	Non-dir.
Nickel	16.5	4.58	mg/kg dry		13.7				20.6	10	Non-dir.
Potassium	1220	23.0	mg/kg dry		1030				18.2	10	Non-dir.
Selenium	ND	11.5	mg/kg dry		ND					10	
Silver	ND	2.32	mg/kg dry		ND					10	
Sodium	493	230	mg/kg dry		407				21.2	10	Non-dir.
Thallium	ND	9.21	mg/kg dry		ND					10	
Vanadium	25.3	4.58	mg/kg dry		21.8				16.0	10	Non-dir.
Zinc	57.6	11.4	mg/kg dry		47.0				22.6	10	Non-dir.
Reference (BB60289-SRM1)								Prepared: 02/05/2026 Analyzed: 02/06/2026			
Aluminum	6830	4.17	mg/kg wet	7680		88.9	49.1-132.8				
Antimony	79.7	2.08	mg/kg wet	240		33.2	0-99.6				
Arsenic	223	1.25	mg/kg wet	264		84.6	68.2-99.6				
Barium	370	2.08	mg/kg wet	402		92.0	72.6-105.7				
Beryllium	236	0.042	mg/kg wet	253		93.1	74.7-106.3				
Cadmium	173	0.250	mg/kg wet	209		83.0	70.8-103.3				
Calcium	3950	4.17	mg/kg wet	4280		92.2	76.9-110.5				
Chromium	89.6	0.417	mg/kg wet	101		88.7	73.4-106.9				
Cobalt	131	0.333	mg/kg wet	139		94.0	77-107.9				
Copper	189	1.67	mg/kg wet	196		96.2	75.5-106.1				
Iron	6290	20.8	mg/kg wet	7360		85.5	52-123.9				
Lead	118	0.417	mg/kg wet	130		90.6	74.9-108.5				
Magnesium	1850	4.17	mg/kg wet	2000		92.4	68.5-112				
Manganese	212	0.417	mg/kg wet	240		88.2	74.6-109.2				
Nickel	83.2	0.830	mg/kg wet	91.4		91.0	73.3-105.4				
Potassium	2240	4.17	mg/kg wet	2380		94.0	64.3-114.7				
Selenium	187	2.08	mg/kg wet	212		88.3	68.9-107.1				
Silver	74.0	0.420	mg/kg wet	80.2		92.3	73.8-111.8				
Sodium	714	41.7	mg/kg wet	785		91.0	68-115.4				
Thallium	265	1.67	mg/kg wet	299		88.5	72.2-107.4				
Vanadium	235	0.830	mg/kg wet	269		87.4	69.1-107.8				
Zinc	429	2.08	mg/kg wet	500		85.7	71.6-107.8				

Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60290 - EPA 3050B											
Blank (BB60290-BLK1)											
								Prepared: 02/05/2026 Analyzed: 02/06/2026			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	mg/kg wet								
Arsenic	ND	1.25	mg/kg wet								
Barium	ND	2.08	mg/kg wet								
Beryllium	ND	0.042	mg/kg wet								
Cadmium	ND	0.250	mg/kg wet								
Calcium	ND	4.17	mg/kg wet								
Chromium	ND	0.417	mg/kg wet								
Cobalt	ND	0.333	mg/kg wet								
Copper	ND	1.67	mg/kg wet								
Iron	ND	20.8	mg/kg wet								
Lead	ND	0.417	mg/kg wet								
Magnesium	ND	4.17	mg/kg wet								
Manganese	ND	0.417	mg/kg wet								
Nickel	ND	0.830	mg/kg wet								
Potassium	ND	4.17	mg/kg wet								
Selenium	ND	2.08	mg/kg wet								
Silver	ND	0.420	mg/kg wet								
Sodium	ND	41.7	mg/kg wet								
Thallium	ND	1.67	mg/kg wet								
Vanadium	ND	0.830	mg/kg wet								
Zinc	ND	2.08	mg/kg wet								
Dilution Check (BB60290-SRL1)	*Source sample: 26B0109-01 (Dilution Check)										
								Prepared: 02/05/2026 Analyzed: 02/06/2026			
Aluminum	7330	23.9	mg/kg dry		7600				3.56	10	
Antimony	ND	11.9	mg/kg dry		ND					10	
Arsenic	11.5	7.16	mg/kg dry		11.0				4.15	10	
Barium	109	11.9	mg/kg dry		109				0.0524	10	
Beryllium	0.320	0.240	mg/kg dry		0.433				26.2	10	Non-dir.
Cadmium	ND	1.43	mg/kg dry		ND					10	
Calcium	28100	23.9	mg/kg dry		28200				0.0964	10	
Chromium	23.2	2.39	mg/kg dry		22.8				1.67	10	
Cobalt	6.73	1.91	mg/kg dry		6.35				5.86	10	
Copper	38.4	9.54	mg/kg dry		41.5				7.36	10	
Iron	13400	119	mg/kg dry		13900				3.96	10	
Lead	323	2.39	mg/kg dry		319				1.51	10	
Magnesium	6070	23.9	mg/kg dry		6180				1.75	10	
Manganese	221	2.39	mg/kg dry		218				1.29	10	
Nickel	52.0	4.75	mg/kg dry		51.5				1.06	10	
Potassium	1250	23.9	mg/kg dry		1300				4.05	10	
Selenium	ND	11.9	mg/kg dry		ND					10	
Silver	ND	2.40	mg/kg dry		ND					10	
Sodium	313	239	mg/kg dry		309				1.41	10	
Thallium	ND	9.56	mg/kg dry		ND					10	
Vanadium	20.0	4.75	mg/kg dry		20.1				0.238	10	
Zinc	132	11.9	mg/kg dry		124				6.43	10	

Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60290 - EPA 3050B											
Reference (BB60290-SRM1)							Prepared: 02/05/2026 Analyzed: 02/06/2026				
Aluminum	6900	4.17	mg/kg wet	7680		89.8	49.1-132.8				
Antimony	80.5	2.08	mg/kg wet	240		33.5	0-99.6				
Arsenic	222	1.25	mg/kg wet	264		84.0	68.2-99.6				
Barium	369	2.08	mg/kg wet	402		91.8	72.6-105.7				
Beryllium	237	0.042	mg/kg wet	253		93.6	74.7-106.3				
Cadmium	173	0.250	mg/kg wet	209		82.7	70.8-103.3				
Calcium	3980	4.17	mg/kg wet	4280		93.1	76.9-110.5				
Chromium	89.0	0.417	mg/kg wet	101		88.1	73.4-106.9				
Cobalt	129	0.333	mg/kg wet	139		93.0	77-107.9				
Copper	189	1.67	mg/kg wet	196		96.3	75.5-106.1				
Iron	6250	20.8	mg/kg wet	7360		84.9	52-123.9				
Lead	118	0.417	mg/kg wet	130		90.7	74.9-108.5				
Magnesium	1870	4.17	mg/kg wet	2000		93.4	68.5-112				
Manganese	210	0.417	mg/kg wet	240		87.6	74.6-109.2				
Nickel	83.1	0.830	mg/kg wet	91.4		90.9	73.3-105.4				
Potassium	2240	4.17	mg/kg wet	2380		94.2	64.3-114.7				
Selenium	186	2.08	mg/kg wet	212		87.7	68.9-107.1				
Silver	74.4	0.420	mg/kg wet	80.2		92.7	73.8-111.8				
Sodium	722	41.7	mg/kg wet	785		91.9	68-115.4				
Thallium	264	1.67	mg/kg wet	299		88.2	72.2-107.4				
Vanadium	233	0.830	mg/kg wet	269		86.7	69.1-107.8				
Zinc	428	2.08	mg/kg wet	500		85.6	71.6-107.8				
Batch BB60394 - EPA 3050B											
Blank (BB60394-BLK1)							Prepared: 02/08/2026 Analyzed: 02/09/2026				
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	mg/kg wet								
Arsenic	ND	1.25	mg/kg wet								
Barium	ND	2.08	mg/kg wet								
Beryllium	ND	0.042	mg/kg wet								
Cadmium	ND	0.250	mg/kg wet								
Calcium	ND	4.17	mg/kg wet								
Chromium	ND	0.417	mg/kg wet								
Cobalt	ND	0.333	mg/kg wet								
Copper	ND	1.67	mg/kg wet								
Iron	ND	20.8	mg/kg wet								
Lead	ND	0.417	mg/kg wet								
Magnesium	ND	4.17	mg/kg wet								
Manganese	ND	0.417	mg/kg wet								
Nickel	ND	0.830	mg/kg wet								
Potassium	ND	4.17	mg/kg wet								
Selenium	ND	2.08	mg/kg wet								
Silver	ND	0.420	mg/kg wet								
Sodium	ND	41.7	mg/kg wet								
Thallium	ND	1.67	mg/kg wet								
Vanadium	ND	0.830	mg/kg wet								
Zinc	ND	2.08	mg/kg wet								

Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60394 - EPA 3050B											
Duplicate (BB60394-DUP1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/08/2026 Analyzed: 02/09/2026			
Aluminum	8990	4.86	mg/kg dry		7730				15.0	35	
Antimony	ND	2.43	mg/kg dry		ND					35	
Arsenic	1.66	1.46	mg/kg dry		1.96				16.6	35	
Barium	38.9	2.43	mg/kg dry		34.8				11.0	35	
Beryllium	0.341	0.049	mg/kg dry		0.296				14.0	35	
Cadmium	ND	0.291	mg/kg dry		ND					35	
Calcium	4320	4.86	mg/kg dry		4870				12.0	35	
Chromium	19.8	0.486	mg/kg dry		17.5				12.3	35	
Cobalt	7.28	0.388	mg/kg dry		6.53				10.8	35	
Copper	23.5	1.94	mg/kg dry		19.2				20.4	35	
Iron	13500	24.3	mg/kg dry		11900				12.3	35	
Lead	9.03	0.486	mg/kg dry		8.54				5.53	35	
Magnesium	5510	4.86	mg/kg dry		5050				8.58	35	
Manganese	315	0.486	mg/kg dry		281				11.3	35	
Nickel	16.4	0.968	mg/kg dry		14.4				13.0	35	
Potassium	1420	4.86	mg/kg dry		1210				16.5	35	
Selenium	ND	2.43	mg/kg dry		ND					35	
Silver	ND	0.490	mg/kg dry		ND					35	
Sodium	189	48.6	mg/kg dry		170				10.8	35	
Thallium	ND	1.95	mg/kg dry		ND					35	
Vanadium	24.0	0.968	mg/kg dry		21.8				9.79	35	
Zinc	44.5	2.42	mg/kg dry		39.7				11.4	35	
Matrix Spike (BB60394-MS1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/08/2026 Analyzed: 02/09/2026			
Aluminum	8560	4.86	mg/kg dry	194	7730	426	75-125	High Bias			
Antimony	7.10	2.43	mg/kg dry	24.3	ND	29.2	75-125	Low Bias			
Arsenic	178	1.46	mg/kg dry	194	1.96	90.7	75-125				
Barium	217	2.43	mg/kg dry	194	34.8	93.9	75-125				
Beryllium	4.90	0.049	mg/kg dry	4.86	0.296	94.7	75-125				
Cadmium	4.60	0.291	mg/kg dry	4.86	ND	94.6	75-125				
Calcium	4920	4.86	mg/kg dry	97.2	4870	58.6	75-125	Low Bias			
Chromium	36.6	0.486	mg/kg dry	19.4	17.5	98.6	75-125				
Cobalt	51.5	0.388	mg/kg dry	48.6	6.53	92.5	75-125				
Copper	45.3	1.94	mg/kg dry	24.3	19.2	108	75-125				
Iron	13200	24.3	mg/kg dry	97.2	11900	NR	75-125	High Bias			
Lead	54.9	0.486	mg/kg dry	48.6	8.54	95.4	75-125				
Magnesium	5500	4.86	mg/kg dry	97.2	5050	456	75-125	High Bias			
Manganese	328	0.486	mg/kg dry	48.6	281	96.7	75-125				
Nickel	60.1	0.968	mg/kg dry	48.6	14.4	94.3	75-125				
Potassium	1520	4.86	mg/kg dry	97.2	1210	326	75-125	High Bias			
Selenium	173	2.43	mg/kg dry	194	ND	89.1	75-125				
Silver	4.38	0.490	mg/kg dry	4.86	ND	90.2	75-125				
Sodium	317	48.6	mg/kg dry	97.2	170	151	75-125	High Bias			
Thallium	181	1.95	mg/kg dry	194	ND	93.3	75-125				
Vanadium	67.2	0.968	mg/kg dry	48.6	21.8	93.4	75-125				
Zinc	82.1	2.42	mg/kg dry	48.6	39.7	87.4	75-125				

Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60394 - EPA 3050B											
Post Spike (BB60394-PS1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/08/2026 Analyzed: 02/09/2026			
Aluminum	81.1		ug/mL	2.00	79.6	76.6	75-125				
Antimony	0.262		ug/mL	0.250	0.002	104	75-125				
Arsenic	2.00		ug/mL	2.00	0.020	98.8	75-125				
Barium	2.35		ug/mL	2.00	0.358	99.7	75-125				
Beryllium	0.054		ug/mL	0.0500	0.003	102	75-125				
Cadmium	0.050		ug/mL	0.0500	0.001	98.6	75-125				
Calcium	50.8		ug/mL	1.00	50.1	77.4	75-125				
Chromium	0.375		ug/mL	0.200	0.180	97.4	75-125				
Cobalt	0.561		ug/mL	0.500	0.067	98.8	75-125				
Copper	0.459		ug/mL	0.250	0.197	105	75-125				
Iron	124		ug/mL	1.00	123	166	75-125	High Bias			
Lead	0.633		ug/mL	0.500	0.088	109	75-125				
Magnesium	52.7		ug/mL	1.00	52.0	62.9	75-125	Low Bias			
Manganese	3.37		ug/mL	0.500	2.90	94.0	75-125				
Nickel	0.643		ug/mL	0.500	0.148	99.0	75-125				
Potassium	13.4		ug/mL	1.00	12.4	95.1	75-125				
Selenium	1.96		ug/mL	2.00	0.012	97.4	75-125				
Silver	0.046		ug/mL	0.0500	0.0007	90.2	75-125				
Sodium	2.86		ug/mL	1.00	1.75	111	75-125				
Thallium	2.02		ug/mL	2.00	0.002	101	75-125				
Vanadium	0.717		ug/mL	0.500	0.224	98.5	75-125				
Zinc	0.879		ug/mL	0.500	0.408	94.1	75-125				
Dilution Check (BB60394-SRL1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared: 02/08/2026 Analyzed: 02/09/2026			
Aluminum	8940	24.3	mg/kg dry		7730				15.6	10	Non-dir.
Antimony	ND	12.1	mg/kg dry		ND					10	
Arsenic	ND	7.29	mg/kg dry		ND					10	
Barium	39.9	12.1	mg/kg dry		34.8				14.6	10	Non-dir.
Beryllium	0.374	0.245	mg/kg dry		0.296				26.2	10	Non-dir.
Cadmium	ND	1.46	mg/kg dry		ND					10	
Calcium	5690	24.3	mg/kg dry		4870				16.9	10	Non-dir.
Chromium	20.5	2.43	mg/kg dry		17.5				17.6	10	Non-dir.
Cobalt	7.29	1.94	mg/kg dry		6.53				11.6	10	Non-dir.
Copper	20.8	9.72	mg/kg dry		19.2				8.83	10	
Iron	13700	121	mg/kg dry		11900				15.1	10	Non-dir.
Lead	10.1	2.43	mg/kg dry		8.54				17.7	10	Non-dir.
Magnesium	5900	24.3	mg/kg dry		5050				16.7	10	Non-dir.
Manganese	331	2.43	mg/kg dry		281				17.7	10	Non-dir.
Nickel	17.1	4.84	mg/kg dry		14.4				18.8	10	Non-dir.
Potassium	1360	24.3	mg/kg dry		1210				12.8	10	Non-dir.
Selenium	ND	12.1	mg/kg dry		ND					10	
Silver	ND	2.45	mg/kg dry		ND					10	
Sodium	ND	48.6	mg/kg dry		170					10	
Thallium	ND	9.74	mg/kg dry		ND					10	
Vanadium	25.0	4.84	mg/kg dry		21.8				14.5	10	Non-dir.
Zinc	48.0	12.1	mg/kg dry		39.7				21.1	10	Non-dir.

Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60394 - EPA 3050B											
Reference (BB60394-SRM1)							Prepared: 02/08/2026 Analyzed: 02/09/2026				
Aluminum	6940	4.17	mg/kg wet	7680		90.4	49.1-132.8				
Antimony	75.8	2.08	mg/kg wet	240		31.6	0-99.6				
Arsenic	221	1.25	mg/kg wet	264		83.9	68.2-99.6				
Barium	362	2.08	mg/kg wet	402		90.0	72.6-105.7				
Beryllium	234	0.042	mg/kg wet	253		92.4	74.7-106.3				
Cadmium	179	0.250	mg/kg wet	209		85.6	70.8-103.3				
Calcium	4020	4.17	mg/kg wet	4280		93.9	76.9-110.5				
Chromium	90.2	0.417	mg/kg wet	101		89.4	73.4-106.9				
Cobalt	130	0.333	mg/kg wet	139		93.4	77-107.9				
Copper	188	1.67	mg/kg wet	196		95.8	75.5-106.1				
Iron	5760	20.8	mg/kg wet	7360		78.2	52-123.9				
Lead	124	0.417	mg/kg wet	130		95.3	74.9-108.5				
Magnesium	1870	4.17	mg/kg wet	2000		93.7	68.5-112				
Manganese	213	0.417	mg/kg wet	240		88.6	74.6-109.2				
Nickel	82.7	0.830	mg/kg wet	91.4		90.5	73.3-105.4				
Potassium	2190	4.17	mg/kg wet	2380		92.0	64.3-114.7				
Selenium	184	2.08	mg/kg wet	212		86.6	68.9-107.1				
Silver	71.5	0.420	mg/kg wet	80.2		89.1	73.8-111.8				
Sodium	717	41.7	mg/kg wet	785		91.3	68-115.4				
Thallium	271	1.67	mg/kg wet	299		90.7	72.2-107.4				
Vanadium	233	0.830	mg/kg wet	269		86.8	69.1-107.8				
Zinc	435	2.08	mg/kg wet	500		86.9	71.6-107.8				

Mercury Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60259 - EPA SW846-7470A											
Blank (BB60259-BLK1)								Prepared & Analyzed: 02/05/2026			
Mercury	ND	0.0002	mg/L								
LCS (BB60259-BS1)								Prepared & Analyzed: 02/05/2026			
Mercury	0.00097695	0.0002	mg/L	0.00100		97.7	80-120				
Batch BB60329 - EPA 7473 soil											
Blank (BB60329-BLK1)								Prepared & Analyzed: 02/06/2026			
Mercury	ND	0.0300	mg/kg wet								
Reference (BB60329-SRM1)								Prepared & Analyzed: 02/06/2026			
Mercury	22.113		mg/kg	24.0		92.1	55.8-109.6				
Batch BB60413 - EPA 7473 soil											
Blank (BB60413-BLK1)								Prepared & Analyzed: 02/09/2026			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB60413-DUP1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared & Analyzed: 02/09/2026			
Mercury	0.0111	0.0350	mg/kg dry		0.0115				3.99	35	
Matrix Spike (BB60413-MS1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared & Analyzed: 02/09/2026			
Mercury	0.918		mg/kg	1.00	0.00990	90.8	75-125				
Reference (BB60413-SRM1)								Prepared & Analyzed: 02/09/2026			
Mercury	17.367		mg/kg	24.0		72.4	55.8-109.6				

Miscellaneous Physical Parameters - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60260 - % Solids Prep											
Duplicate (BB60260-DUP1)	*Source sample: 26B0173-09 (26SB-4 (17-19))							Prepared & Analyzed: 02/05/2026			
% Solids	85.0	0.100	%		85.8				0.864	20	

Surrogate Failures and Associated Analytes

Surrogate	Recovery	Limits	Flag	Target Analyte	Specific Method	Data File	Analyzed
26B0173-01 - 26SB-1 (0-2)							
* M3PFBS	139 %	40-135		Perfluorobutanesulfonic acid (PFBS)	EPA 1633A	QQQ214904.d	15/02/26 7:02
* M5PFHxA	138 %	40-130		Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633A	QQQ214904.d	15/02/26 7:02
* M5PFHxA	138 %	40-130		Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	EPA 1633A	QQQ214904.d	15/02/26 7:02
* M5PFHxA	138 %	40-130		Perfluorohexanoic acid (PFHxA)	EPA 1633A	QQQ214904.d	15/02/26 7:02
* M5PFHxA	138 %	40-130		2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	EPA 1633A	QQQ214904.d	15/02/26 7:02
* M5PFHxA	138 %	40-130		2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	EPA 1633A	QQQ214904.d	15/02/26 7:02
* M3PFHxS	133 %	40-130		Perfluoro-1-pentanesulfonate (PFPeS)	EPA 1633A	QQQ214904.d	15/02/26 7:02
* M3PFHxS	133 %	40-130		Perfluorohexanesulfonic acid (PFHxS)	EPA 1633A	QQQ214904.d	15/02/26 7:02
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	132 %	35-130		4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	EPA 1633A	QQQ214904.d	15/02/26 7:02
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	132 %	35-130		Perfluoro-4-oxapentanoic acid (PFMPA)	EPA 1633A	QQQ214904.d	15/02/26 7:02
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	132 %	35-130		Perfluoro-5-oxahexanoic acid (PFMBA)	EPA 1633A	QQQ214904.d	15/02/26 7:02
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	132 %	35-130		Perfluoropentanoic acid (PFPeA)	EPA 1633A	QQQ214904.d	15/02/26 7:02
26B0173-02 - 26SB-1 (6-8)							
* M3PFBS	136 %	40-135		Perfluorobutanesulfonic acid (PFBS)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* M5PFHxA	138 %	40-130		Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* M5PFHxA	138 %	40-130		Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* M5PFHxA	138 %	40-130		Perfluorohexanoic acid (PFHxA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* M5PFHxA	138 %	40-130		2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* M5PFHxA	138 %	40-130		2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* M4PFHpA	133 %	40-130		Perfluoroheptanoic acid (PFHpA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* M6PFDA	137 %	40-130		Perfluorodecanoic acid (PFDA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	136 %	35-130		Perfluoro-5-oxahexanoic acid (PFMBA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	136 %	35-130		Perfluoropentanoic acid (PFPeA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	136 %	35-130		Perfluoro-4-oxapentanoic acid (PFMPA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	136 %	35-130		4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	132 %	40-130		Perfluoro-1-octanesulfonamide (FOSA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* M9PFNA	140 %	40-130		Perfluorononanoic acid (PFNA)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* M3HFPO-DA	131 %	40-130		11CL-PF3OUdS	EPA 1633A	QQQ214905.d	15/02/26 7:16
* M3HFPO-DA	131 %	40-130		ADONA	EPA 1633A	QQQ214905.d	15/02/26 7:16
* M3HFPO-DA	131 %	40-130		HFPO-DA (Gen-X)	EPA 1633A	QQQ214905.d	15/02/26 7:16
* M3HFPO-DA	131 %	40-130		9CL-PF3ONS	EPA 1633A	QQQ214905.d	15/02/26 7:16
26B0173-03 - 26SB-1 (15-17)							
* M3PFBS	141 %	40-135		Perfluorobutanesulfonic acid (PFBS)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M5PFHxA	142 %	40-130		2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M5PFHxA	142 %	40-130		Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633A	QQQ214906.d	15/02/26 7:30

Surrogate	Recovery	Limits	Flag	Target Analyte	Specific Method	Data File	Analyzed
26B0173-03 - 26SB-1 (15-17)							
* M5PFHxA	142 %	40-130		Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M5PFHxA	142 %	40-130		Perfluorohexanoic acid (PFHxA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M5PFHxA	142 %	40-130		2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M4PFHpA	133 %	40-130		Perfluoroheptanoic acid (PFHpA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M3PFHxS	137 %	40-130		Perfluoro-1-pentanesulfonate (PFPeS)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M3PFHxS	137 %	40-130		Perfluorohexanesulfonic acid (PFHxS)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* Perfluoro-n-[13C8]octanoic acid (M8PFOA)	136 %	40-130		Perfluorooctanoic acid (PFOA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M6PFDA	142 %	40-130		Perfluorodecanoic acid (PFDA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	131 %	40-130		Perfluoro-1-heptanesulfonic acid (PFHpS)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	131 %	40-130		Perfluorododecanesulfonic acid (PFDoS)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	131 %	40-130		Perfluoro-1-decanesulfonic acid (PFDS)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	131 %	40-130		Perfluorooctanesulfonic acid (PFOS)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	131 %	40-130		Perfluoro-1-nonanesulfonic acid (PFNS)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	138 %	35-130		Perfluoro-5-oxahexanoic acid (PFMBA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	138 %	35-130		Perfluoro-4-oxapentanoic acid (PFMPA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	138 %	35-130		4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	138 %	35-130		Perfluoropentanoic acid (PFPeA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	131 %	40-130		Perfluoro-1-octanesulfonamide (FOSA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M9PFNA	134 %	40-130		Perfluorononanoic acid (PFNA)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M3HFPO-DA	135 %	40-130		HFPO-DA (Gen-X)	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M3HFPO-DA	135 %	40-130		11CL-PF3OUdS	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M3HFPO-DA	135 %	40-130		9CL-PF3ONS	EPA 1633A	QQQ214906.d	15/02/26 7:30
* M3HFPO-DA	135 %	40-130		ADONA	EPA 1633A	QQQ214906.d	15/02/26 7:30
26B0173-04 - 26SB-2 (0-2)							
* M3PFBS	160 %	40-135		Perfluorobutanesulfonic acid (PFBS)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M5PFHxA	153 %	40-130		2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M5PFHxA	153 %	40-130		2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M5PFHxA	153 %	40-130		Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M5PFHxA	153 %	40-130		Perfluorohexanoic acid (PFHxA)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M5PFHxA	153 %	40-130		Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M4PFHpA	139 %	40-130		Perfluoroheptanoic acid (PFHpA)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M3PFHxS	145 %	40-130		Perfluorohexanesulfonic acid (PFHxS)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M3PFHxS	145 %	40-130		Perfluoro-1-pentanesulfonate (PFPeS)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* Perfluoro-n-[13C8]octanoic acid (M8PFOA)	137 %	40-130		Perfluorooctanoic acid (PFOA)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* Perfluoro-n-[13C4]butanoic acid (MPFBA)	132 %	8-130		Perfluoro-n-butanoic acid (PFBA)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	149 %	35-130		4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	149 %	35-130		Perfluoro-4-oxapentanoic acid (PFMPA)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	149 %	35-130		Perfluoro-5-oxahexanoic acid (PFMBA)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	149 %	35-130		Perfluoropentanoic acid (PFPeA)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M9PFNA	143 %	40-130		Perfluorononanoic acid (PFNA)	EPA 1633A	QQQ214907.d	15/02/26 7:44

Surrogate	Recovery	Limits	Flag	Target Analyte	Specific Method	Data File	Analyzed
26B0173-04 - 26SB-2 (0-2)							
* M2-4:2 FTS	182 %	40-165		1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M3HFPO-DA	142 %	40-130		ADONA	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M3HFPO-DA	142 %	40-130		HFPO-DA (Gen-X)	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M3HFPO-DA	142 %	40-130		9CL-PF3ONS	EPA 1633A	QQQ214907.d	15/02/26 7:44
* M3HFPO-DA	142 %	40-130		11CL-PF3OUdS	EPA 1633A	QQQ214907.d	15/02/26 7:44
26B0173-05 - 26SB-2 (7-9)							
* M3PFBS	161 %	40-135		Perfluorobutanesulfonic acid (PFBS)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M5PFHxA	163 %	40-130	PFSu-H	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M5PFHxA	163 %	40-130	PFSu-H	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M5PFHxA	163 %	40-130	PFSu-H	Perfluorohexanoic acid (PFHxA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M5PFHxA	163 %	40-130	PFSu-H	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M5PFHxA	163 %	40-130	PFSu-H	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M4PFHpA	150 %	40-130		Perfluoroheptanoic acid (PFHpA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M3PFHxS	151 %	40-130		Perfluorohexanesulfonic acid (PFHxS)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M3PFHxS	151 %	40-130		Perfluoro-1-pentanesulfonate (PFPeS)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* Perfluoro-n-[13C8]octanoic acid (M8PFOA)	156 %	40-130	PFSu-H	Perfluorooctanoic acid (PFOA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M6PFDA	149 %	40-130		Perfluorodecanoic acid (PFDA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M7PFUdA	145 %	40-130		Perfluoroundecanoic acid (PFUnA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M2PFTeDA	137 %	20-130		Perfluorotridecanoic acid (PFTrDA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M2PFTeDA	137 %	20-130		Perfluorotetradecanoic acid (PFTA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* Perfluoro-n-[13C4]butanoic acid (MPFBA)	137 %	8-130		Perfluoro-n-butanoic acid (PFBA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	144 %	40-130		Perfluorododecanesulfonic acid (PFDoS)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	144 %	40-130		Perfluoro-1-nonanesulfonic acid (PFNS)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	144 %	40-130		Perfluorooctanesulfonic acid (PFOS)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	144 %	40-130		Perfluoro-1-decanesulfonic acid (PFDS)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	144 %	40-130		Perfluoro-1-heptanesulfonic acid (PFHpS)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	160 %	35-130	PFSu-H	Perfluoropentanoic acid (PFPeA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	160 %	35-130	PFSu-H	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	160 %	35-130	PFSu-H	Perfluoro-5-oxahexanoic acid (PFMBA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	160 %	35-130	PFSu-H	Perfluoro-4-oxapentanoic acid (PFMPA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	149 %	40-130		Perfluoro-1-octanesulfonamide (FOSA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M9PFNA	155 %	40-130		Perfluorononanoic acid (PFNA)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M2-4:2 FTS	188 %	40-165		1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* d-N-MeFOSA	139 %	10-130		N-MeFOSA	EPA 1633A	QQQ214908.d	15/02/26 7:58
* d-N-EtFOSA	138 %	10-130		N-EtFOSA	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M3HFPO-DA	144 %	40-130		HFPO-DA (Gen-X)	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M3HFPO-DA	144 %	40-130		9CL-PF3ONS	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M3HFPO-DA	144 %	40-130		11CL-PF3OUdS	EPA 1633A	QQQ214908.d	15/02/26 7:58
* M3HFPO-DA	144 %	40-130		ADONA	EPA 1633A	QQQ214908.d	15/02/26 7:58
* d9-N-EtFOSE	139 %	15-130		N-EtFOSE	EPA 1633A	QQQ214908.d	15/02/26 7:58
* d7-N-MeFOSE	133 %	20-130		N-MeFOSE	EPA 1633A	QQQ214908.d	15/02/26 7:58
26B0173-06 - 26SB-2 (17-19)							
* M3PFBS	164 %	40-135	PFSu-H	Perfluorobutanesulfonic acid (PFBS)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M5PFHxA	154 %	40-130		Perfluorohexanoic acid (PFHxA)	EPA 1633A	QQQ214913.d	15/02/26 9:09

Surrogate	Recovery	Limits	Flag	Target Analyte	Specific Method	Data File	Analyzed
26B0173-06 - 26SB-2 (17-19)							
* M5PFHxA	154 %	40-130		2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M5PFHxA	154 %	40-130		2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M5PFHxA	154 %	40-130		Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M5PFHxA	154 %	40-130		Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M4PFHpA	158 %	40-130	PFSu-H	Perfluoroheptanoic acid (PFHpA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M3PFHxS	153 %	40-130		Perfluorohexanesulfonic acid (PFHxS)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M3PFHxS	153 %	40-130		Perfluoro-1-pentanesulfonate (PFPeS)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* Perfluoro-n-[13C8]octanoic acid (M8PFOA)	148 %	40-130		Perfluorooctanoic acid (PFOA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M6PFDA	144 %	40-130		Perfluorodecanoic acid (PFDA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M7PFUdA	145 %	40-130		Perfluoroundecanoic acid (PFUnA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* Perfluoro-n-[13C4]butanoic acid (MPFBA)	135 %	8-130		Perfluoro-n-butanoic acid (PFBA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	136 %	40-130		Perfluoro-1-decanesulfonic acid (PFDS)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	136 %	40-130		Perfluorooctanesulfonic acid (PFOS)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	136 %	40-130		Perfluoro-1-heptanesulfonic acid (PFHpS)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	136 %	40-130		Perfluoro-1-nonanesulfonic acid (PFNS)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	136 %	40-130		Perfluorododecanesulfonic acid (PFDoS)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	155 %	35-130		Perfluoro-5-oxahexanoic acid (PFMBA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	155 %	35-130		Perfluoropentanoic acid (PFPeA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	155 %	35-130		4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	155 %	35-130		Perfluoro-4-oxapentanoic acid (PFMPA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	144 %	40-130		Perfluoro-1-octanesulfonamide (FOSA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* d3-N-MeFOSAA	136 %	40-135		N-MeFOSAA	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M9PFNA	153 %	40-130		Perfluorononanoic acid (PFNA)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M2-4:2 FTS	202 %	40-165	PFSu-H	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* d-N-MeFOSA	141 %	10-130		N-MeFOSA	EPA 1633A	QQQ214913.d	15/02/26 9:09
* d-N-EtFOSA	138 %	10-130		N-EtFOSA	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M3HFPO-DA	152 %	40-130		9CL-PF3ONS	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M3HFPO-DA	152 %	40-130		HFPO-DA (Gen-X)	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M3HFPO-DA	152 %	40-130		11CL-PF3OUdS	EPA 1633A	QQQ214913.d	15/02/26 9:09
* M3HFPO-DA	152 %	40-130		ADONA	EPA 1633A	QQQ214913.d	15/02/26 9:09
* d9-N-EtFOSE	133 %	15-130		N-EtFOSE	EPA 1633A	QQQ214913.d	15/02/26 9:09
26B0173-07 - 26SB-4 (0-2)							
* M3PFBS	136 %	40-135		Perfluorobutanesulfonic acid (PFBS)	EPA 1633A	QQQ214914.d	15/02/26 9:24
26B0173-08 - 26SB-4 (5-7)							
* M3PFBS	138 %	40-135		Perfluorobutanesulfonic acid (PFBS)	EPA 1633A	QQQ214915.d	15/02/26 9:38
* M4PFHpA	135 %	40-130		Perfluoroheptanoic acid (PFHpA)	EPA 1633A	QQQ214915.d	15/02/26 9:38
* M2-4:2 FTS	169 %	40-165		1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 1633A	QQQ214915.d	15/02/26 9:38
26B0173-09 - 26SB-4 (17-19)							
* M4PFHpA	132 %	40-130		Perfluoroheptanoic acid (PFHpA)	EPA 1633A	QQQ215028.d	17/02/26 11:23
* M2-4:2 FTS	181 %	40-165		1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 1633A	QQQ215028.d	17/02/26 11:23
26B0173-10 - Field Blank							
* M5PFHxA	131 %	40-130		2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	EPA 1633A	QQQ214873.d	14/02/26 23:42

Surrogate	Recovery	Limits	Flag	Target Analyte	Specific Method	Data File	Analyzed
26B0173-10 - Field Blank							
* M5PFHxA	131 %	40-130		Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633A	QQQ214873.d	14/02/26 23:42
* M5PFHxA	131 %	40-130		Perfluorohexanoic acid (PFHxA)	EPA 1633A	QQQ214873.d	14/02/26 23:42
* M5PFHxA	131 %	40-130		Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	EPA 1633A	QQQ214873.d	14/02/26 23:42
* M5PFHxA	131 %	40-130		2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	EPA 1633A	QQQ214873.d	14/02/26 23:42
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	132 %	40-130		Perfluoropentanoic acid (PFPeA)	EPA 1633A	QQQ214873.d	14/02/26 23:42
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	132 %	40-130		Perfluoro-5-oxahexanoic acid (PFMBA)	EPA 1633A	QQQ214873.d	14/02/26 23:42
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	132 %	40-130		4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	EPA 1633A	QQQ214873.d	14/02/26 23:42
* Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	132 %	40-130		Perfluoro-4-oxapentanoic acid (PFMPA)	EPA 1633A	QQQ214873.d	14/02/26 23:42
* Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	139 %	40-130		Perfluoro-1-octanesulfonamide (FOSA)	EPA 1633A	QQQ214873.d	14/02/26 23:42
* M9PFNA	133 %	40-130		Perfluorononanoic acid (PFNA)	EPA 1633A	QQQ214873.d	14/02/26 23:42
26B0173-11 - Field Dup-020426							
* M3PFBS	140 %	40-135		Perfluorobutanesulfonic acid (PFBS)	EPA 1633A	QQQ214916.d	15/02/26 9:52
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	132 %	40-130		Perfluorododecanesulfonic acid (PFDoS)	EPA 1633A	QQQ214916.d	15/02/26 9:52
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	132 %	40-130		Perfluoro-1-nonanesulfonic acid (PFNS)	EPA 1633A	QQQ214916.d	15/02/26 9:52
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	132 %	40-130		Perfluorooctanesulfonic acid (PFOS)	EPA 1633A	QQQ214916.d	15/02/26 9:52
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	132 %	40-130		Perfluoro-1-heptanesulfonic acid (PFHpS)	EPA 1633A	QQQ214916.d	15/02/26 9:52
* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	132 %	40-130		Perfluoro-1-decanesulfonic acid (PFDS)	EPA 1633A	QQQ214916.d	15/02/26 9:52

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
26B0173-01	26SB-1 (0-2)	40mL Vial with Stir Bar-Cool 4° C
26B0173-02	26SB-1 (6-8)	40mL Vial with Stir Bar-Cool 4° C
26B0173-03	26SB-1 (15-17)	40mL Vial with Stir Bar-Cool 4° C
26B0173-04	26SB-2 (0-2)	40mL Vial with Stir Bar-Cool 4° C
26B0173-05	26SB-2 (7-9)	40mL Vial with Stir Bar-Cool 4° C
26B0173-06	26SB-2 (17-19)	40mL Vial with Stir Bar-Cool 4° C
26B0173-07	26SB-4 (0-2)	40mL Vial with Stir Bar-Cool 4° C
26B0173-08	26SB-4 (5-7)	40mL Vial with Stir Bar-Cool 4° C
26B0173-09	26SB-4 (17-19)	40mL Vial with Stir Bar-Cool 4° C
26B0173-10	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26B0173-11	Field Dup-020426	40mL Vial with Stir Bar-Cool 4° C
26B0173-12	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

U	Result not Detected
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-H	The LCS recovery for this PFAS compound was above control limits.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
HT-NFD	NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not a regulated analyte, and does not have a toxicity factor or corresponding EPA Regional Screening Level. These results should not impact data usability
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Trip Blank received not noted on COC.

Revision Description: This report has been revised to update the PFAS initial calibrations, compounds, and control limits.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 26B0173

Page 1 of 2

Report To:	Invoice To:
Company: Vektor Consultants	Company: "
Address: 37 W 37th Street, Fl 6 New York, NY 10018	Address: "
Phone.: (347)871-0750	Phone.: "
Contact: David Klein, Jake Frishberg	Contact: Clinton Dinglasa
E-mail: dklein@vektorconsultants.com, jfrishberg@vektorconsultants.com	E-mail: ap@vektorconsultants.com

YOUR Project Name / Number: 24030007 — 32-10 38th Ave Queens NY

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
RUSH - Five Day	
Standard (6-9 Day)	X
PFAS Standard 7-10 Day	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) — Jake Frishberg

Matrix Codes

S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: Water	VOCs	SVOCs	TAL Metals	Pesticides, PCBs	PFAS								Grab or Comp.
26SB-1 (0-2)	2/4/26	9:25	S	3		1							2	X	X	X	X	X								G
26SB-1 (6-8)		9:30	S											X	X	X	X	X								G
26SB-1 (15-17)		9:35	S											X	X	X	X	X								G
26SB-2 (0-2)		15:10	S											X	X	X	X	X								G
26SB-2 (7-9)		15:15	S											X	X	X	X	X								G
26SB-2 (17-19)		15:20	S											X	X	X	X	X								G
MS - 26SB-4 (17-19)		14:42	S											X	X	X	X	X								G
MSD - 26SB-4 (17-19)		14:44	S											X	X	X	X	X								G
~~26SB-3 ( )~~			S											X	X	X	X	X								G
26SB-4 (0-2)		14:30	S											X	X	X	X	X								G
26SB-4 (5-7)		14:35	S											X	X	X	X	X								G
26SB-4 (17-19)		14:40	S											X	X	X	X	X								G

Report Type (circle)
QA Report
Summary (Results Only)
NY ASP B Package
NJ Reduced
NJ DKQP
NJ Full
CT RCP

EDD Type (circle)
EQuIS (standard)
NYSDEC EQuIS
NJDEP SRP Haz Site
Standard Excel
CMDP
Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments: MS & MSD done at 26SB-4 (17-19)

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company — Date/Time: 2/4/26 16:12	1. Samples Received by / Company — Date/Time: 3/4/26 16:12	2. Samples Relinquished by / Company — Date/Time: 3/4/26 20:33
Samples Received by / Company — Date/Time	3. Samples Relinquished by / Company — Date/Time	3. Samples Received by / Company — Date/Time
Samples Relinquished by / Company — Date/Time	4. Samples Received by / Company — Date/Time	Samples Received in LAB by — Date/Time: 2/4/26 20:33 — Temperature Degrees C: 4.9

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 26B0173

Report To:	Invoice To:
Company: Vektor Consultants	Company: "
Address: 37 W 37th Street, Fl 6 New York, NY 10018	Address: "
Phone.: (347)871-0750	Phone.: "
Contact: David Klein, Jake Frishberg	Contact: Clinton Dinglasa
E-mail: dklein@vektorconsultants.com, jfrishberg@vektorconsultants.com	E-mail: ap@vektorconsultants.com

YOUR Project Name / Number: 24030007 — 32-10 38th Ave Queens NY

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Jake Frishberg

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered; Lab Filtered

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: Water	VOC	SVOC	RCRS, Pests	PFAS	TAL Metals	Grab or Comp.
Field Blank	2/4/26	16:00	W	6	3									X	X	X	X	X	G/C
Field Dup-020426	"		S	3		1							2	X	X	X	X	X	G

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Frishberg — Date/Time: 2/4/26 16:12	1. Samples Received by / Company: — Date/Time: 2/4/26 16:12	2. Samples Relinquished by / Company: — Date/Time: 2/4/26 20:33	
Samples Received by / Company — Date/Time	3. Samples Relinquished by / Company — Date/Time	3. Samples Received by / Company — Date/Time	
Samples Relinquished by / Company — Date/Time	4. Samples Received by / Company — Date/Time	Samples Received in LAB by — Date/Time	Temperature Degrees C 4.9

DATA USABILITY SUMMARY REPORT FOR SOIL SAMPLES

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

October 31, 2025

Ms. Ezgi Karayel
Principal
vEKtor consultants
37 W 37th Street, 6th Floor
New York, NY 10018

Re: Data Validation Report
30-32 38th Avenue
2025 Soil and Soil Vapor Sampling Events

Dear Ms. Karayel,

The Data Usability Summary Reports are attached to this letter for the 30-32 38th Avenue site, 2025 soil and soil vapor sampling events. The data for York Analytical Laboratories, Inc. SDG numbers 25E0127, 25E0212, 25E0288, 25E1667, 25E1670, and 25E0530 are mostly acceptable, with issues that are identified in the DUSR and QA/QC review summaries. There are data that are rejected, unusable (R) in data packs 25E0127, 25E0212, 25E0288, 25E1667, and 25E1670. The DUSRs and QA/QC reviews outlines the reasons for rejecting the data. The data are rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of data validation acronyms and qualifiers is attached to assist you in interpreting the data validation reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for providing us an opportunity with vEKtor consultants.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

z:\projects\2025\25600 - 25620\25615-30-32 38th ave\task 1 dusr\temp-review\corrections made 2025\30-32 38th ave-251a.ltr.docx

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Polyfluorinated Alkyl Substances (PFAS) Acronyms

PFBA	Perfluorobutanoic acid
PFPeA	Perfluoropentanoic acid
PFHxA	Perfluorohexanoic acid
PFHpA	Perfluoroheptanoic acid
PFOA	Perfluorooctanoic acid
PFNA	Perfluorononanoic acid
PFDA	Perfluorodecanoic acid
PFUnA	Perfluoroundecanoic acid
PFDoA	Perfluorododecanoic acid
PFTriA or PFTrDA	Perfluorotridecanoic acid
PFTeA or PFTA	Perfluorotetradecanoic acid
PFBS	Perfluorobutanesulfonic acid
PFPeS	Perfluoropentanesulfonic acid
PFHxS	Perfluorohexanesulfonic acid
PFHpS	Perfluoroheptanesulfonic acid
PFOS	Perfluorooctanesulfonic acid
PFNS	Perfluorononanesulfonic acid
PFDS	Perfluorodecanesulfonic acid
FOSA	Perfluorooctane Sulfonamide
NMeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid
NEtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid
4:2 FTS or 4:2	1H, 1H, 2H, 2H-perfluorohexanesulfonic acid
6:2 FTS or 6:2	1H, 1H, 2H, 2H-perfluorooctanesulfonic acid or 6:2 Fluorotelomersulfonate
8:2 FTS or 8:2	1H, 1H, 2H, 2H-perfluorodecanesulfonic acid or 8:2 Fluorotelomersulfonate

25E0127

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
York Analytical Laboratories, Inc., SDG: 25E0127

9 Soil Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected May 2, 2025

Prepared by: Donald Anné
October 31, 2025

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 9 soil samples, 1 field duplicate, 1 field blank, and 1 trip blank analyzed for volatiles; 9 soil samples, 1 field duplicate, and 1 field blank analyzed for semi-volatiles, 1,4-dioxane by SIM, PFAS, pesticides, PCBs, TAL metals, and hexavalent chromium; and 1 field blank analyzed for SIM semi-volatiles.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the analytical methods except for ICP metals.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The positive volatile results for tetrachloroethylene were qualified as "estimated, biased low" (J-) for samples 25SB-10 (0-2), 25SB-10 (2-4), and 25SB-10 (11-13) because 1 or 2 percent recoveries for tetrachloroethylene were below QC limits, but not below 10% in the associated soil LCS/LCSDs.

- The "not detected" volatile results for tetrachloroethylene were qualified as "estimated" (UJ) for the following samples because 2 of 2 percent recoveries for tetrachloroethylene were below QC limits, but not below 10% in the associated soil LCS/LCSD.

25-SB-DUP-1(0-2)	25SB-2 (0-2)	25SB-2 (5-7)
25SB-2 (12.5-14.5)	25SB-4 (0-2)	25SB-4 (3-5)
25SB-4 (11-13)		

- The "not detected" volatile results for 1,2,4-trimetyhlbenzene, 1,3-dichlorobenzene, chlorobenzene, ethyl benzene, p-isopropyltoluene, and styrene were qualified as "estimated" (UJ) for sample 25SB-10 (0-2) because 1 or 2 percent recoveries for these compounds were below QC limits, but not below 10% in the associated soil LCS/LCSD.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

- The “not detected” volatile results for cyclohexane were qualified as “estimated” (UJ) for samples TB-1 and FB-1 because 2 of 2 percent recoveries for cyclohexane were below QC limits, but not below 30% in the associated aqueous LCS/LCSD.

- The “not detected” volatile results for 1,4-dioxane were qualified as “rejected, unusable” (R) for samples TB-1 and FB-1 because 2 of 2 percent recoveries for 1,4-dioxane were below QC limits and below 30% in the associated aqueous LCS/LCSD.

- The “not detected” volatile results for cyclohexane and methylcyclohexane were qualified as “estimated” (UJ) for sample 25SB-4 (11-13) because 1 of 2 percent recoveries for these compounds were below QC limits, but not below 10% in the soil MS/MSD sample.

- The positive volatile result for acetone was qualified as “estimated” (J) for sample 25SB-4 (3-5) because the %D for acetone was above the allowable maximum in the associated continuing calibration verification sample.

- The positive semi-volatile results for 11 compounds were qualified as estimated (J) for samples 25SB-2 (0-2) and 25-SB-DUP-1(0-2) because the relative percent differences for these 11 compounds were above the allowable maximum for the soil field duplicate pair 25SB-2 (0-2)/25-SB-DUP-1(0-2).

- The positive semi-volatile results for 5 compounds were qualified as “estimated, biased low” (J-) for samples 25SB-10 (0-2), 25SB-10 (2-4), and 25SB-10 (11-13) because the percent recoveries for these 5 compounds were below QC limits, but not below 10% in the associated soil LCS.

- The positive semi-volatile results for benzo(b)fluoranthene and fluoranthene were qualified as “estimated, biased low” (J-) for sample 25SB-4 (0-2) because the percent recoveries for these compounds were below QC limits, but not below 10% in the associated soil LCS.

- The “not detected” semi-volatile results for 13 compounds were qualified as “estimated” (UJ) for samples 25-SB-DUP-1(0-2), 25SB-2 (0-2), 25SB-2 (5-7), and 25SB-2 (12.5-14.5) because the percent recoveries for these 13 compounds were below QC limits, but not below 10% in the associated soil LCS.

- The “not detected” semi-volatile results for 11 compounds were qualified as “estimated” (UJ) for samples 25SB-4 (3-5) and 25SB-4 (11-13) because the percent recoveries for these 11 compounds were below QC limits, but not below 10% in the associated soil LCS.

- The positive semi-volatile results for benzo(g,h,i)perylene and indeno(1,2,3-cd)pyrene were qualified as “estimated” (J) for samples 25SB-10 (0-2) and 25SB-10 (11-13) because the %Ds for benzo(g,h,i)perylene and indeno(1,2,3-cd)pyrene were above the allowable maximum in the associated continuing calibration verification sample.

- The positive semi-volatile results for dibenzo(a,h)anthracene were qualified as “estimated” (J) for samples 25SB-10 (0-2) and 25SB-10 (11-13) because the %D for dibenzo(a,h)anthracene was above the allowable maximum in the associated continuing calibration verification sample.

- The “not detected” semi-volatile results for 9 compounds were qualified as “estimated” (UJ) for sample 25SB-4 (0-2) because the percent recoveries for these 9 compounds were below QC limits, but not below 10% in the associated soil LCS.

- The “not detected” semi-volatile results for 6 compounds were qualified as “estimated” (UJ) for samples 25SB-10 (0-2), 25SB-10 (2-4), and 25SB-10 (11-13) because the percent recoveries for these 6 compounds were below QC limits, but not below 10% in the associated soil LCS.

- The “not detected” semi-volatile results for 15 acid extractable compounds were qualified as “rejected, unusable” (R) for sample 25SB-4 (0-2) because 3 of 3 acid extractable surrogate recoveries were below QC limits and below 10% in the sample.

- The “not detected” semi-volatile results for 15 acid extractable compounds were qualified as “rejected, unusable” (R) for samples 25SB-4 (3-5), 25SB-4 (11-13), 25SB-10 (0-2), 25SB-10 (2-4), and 25SB-10 (11-13) because 1 of 3 acid extractable surrogate recoveries were below QC limits and below 10% in the samples.

- The “not detected” SIM semi-volatile result for n-nitrosodimethylamine was qualified as “rejected, unusable” (R) for sample FB-1 because the percent recovery for n-nitrosodimethylamine was below QC limits and below 30% in the associated aqueous LCS.

- The “not detected” PFAS result for PFBA was qualified as “estimated” (UJ) for sample 25-SB-DUP-1(0-2) because percent recovery for the surrogate used to quantitate PFBA were below QC limits, but not below 10% in the sample.

- The “not detected” PFAS results for PFBA was qualified as “rejected, unusable” (R) for samples 25SB-4 (11-13), 25SB-10 (2-4), 25SB-10 (11-13), and FB-1 because percent recovery for the surrogate used to quantitate PFBA were below QC limits and below 10% in the sample.

- The “not detected” PFAS result for PFMPA was qualified as “estimated” (UJ) for sample FB-1 because percent recovery for PFMPA was below QC limits and below 30% in the associated aqueous LCS.

- The “not detected” PFAS result for PFDoS was qualified as “estimated” (UJ) for sample FB-1 because percent recovery for PFDoS was below QC limits, but not below 30% in the associated aqueous LCS.

- The “not detected” PCB result for aroclor 1016 was qualified as “estimated” (UJ) for sample 25SB-10 (2-4) because percent recoveries for aroclor 1016 were below QC limits, but not below 10% for both columns in the soil MS/MSD sample.

- The “not detected” PCB result for aroclor 1016 was qualified as “estimated” (UJ) for sample FB-1 because 1 of 2 percent recoveries for aroclor 1016 was below QC limits, but not below 30% for the primary column in the associated aqueous LCS/LCSD.

- The positive metal results for lead were qualified as estimated, biased low (J-) for all 9 soil samples and the field duplicate because the percent recovery for lead was below control limits, but not below 10% in the associated soil spike sample.

- The positive metal results for cadmium were qualified as estimated, biased low (J-) for samples 25SB-2 (0-2), 25SB-10 (0-2), 25SB-10 (2-4), and 25SB-10 (11-13) because the percent recovery for cadmium was below control limits, but not below 10% in the associated soil spike sample.

- The positive metal results for calcium were qualified as estimated, biased low (J-) for samples 25SB-10 (0-2), 25SB-10 (2-4), and 25SB-10 (11-13) because the percent recovery for calcium was below control limits, but not below 10% in the associated soil LCS.

- The positive metal results for beryllium were qualified as estimated, biased low (J-) for samples 25-SB-DUP-1(0-2) and 25SB-2 (0-2) because the percent recovery for beryllium was below control limits, but not below 10% in the associated soil spike sample.

- The positive metal results for mercury were qualified as estimated, biased low (J-) for samples 25-SB-DUP-1(0-2), 25SB-2 (0-2), 25SB-10 (0-2), 25SB-10 (2-4), and 25SB-10 (11-13) because the percent recoveries for mercury were below control limits, but not below 10% in the associated soil spike samples.

- The "not detected" metal results for antimony, selenium, and thallium were qualified as estimated (UJ) for all 9 soil samples and the field duplicate because the percent recoveries for antimony, selenium, and thallium were below control limits, but not below 10% in the associated soil spike sample.

- The "not detected" metal results for beryllium were qualified as estimated (UJ) for the following samples because the percent recovery for beryllium was below control limits, but not below 10% in the associated soil spike sample.

25SB-2 (5-7)	25SB-2 (12.5-14.5)	25SB-4 (0-2)
25SB-4 (3-5)	25SB-4 (11-13)	25SB-10 (0-2)
25SB-10 (2-4)	25SB-10 (11-13)	

- The "not detected" metal results for cadmium were qualified as estimated (UJ) for the following samples because the percent recovery for cadmium was below control limits, but not below 10% in the associated soil spike sample.

25-SB-DUP-1(0-2)	25SB-2 (5-7)	25SB-2 (12.5-14.5)
25SB-4 (0-2)	25SB-4 (3-5)	25SB-4 (11-13)

- The "not detected" metal results for mercury were qualified as estimated (UJ) for samples 25SB-2 (5-7), 25SB-2 (12.5-14.5), 25SB-4 (0-2), 25SB-4 (3-5), and 25SB-4 (11-13) because the percent recoveries for mercury were below control limits, but not below 10% in the associated soil spike samples.

- The "not detected" metal results for silver were qualified as estimated (UJ) for the following samples because the percent recovery for silver was below control limits, but not below 10% in the associated soil LCS.

25-SB-DUP-1(0-2)	25SB-2 (0-2)	25SB-2 (5-7)
25SB-2 (12.5-14.5)	25SB-4 (0-2)	25SB-4 (3-5)
25SB-4 (11-13)		

- The positive metal results for the following metals were qualified as estimated (J) for all 9 soil samples and field duplicate because the %Ds for these 13 metals were above the allowable maximum for associated soil serial dilution sample and the results were above the RLs.

aluminum	barium	chromium	cobalt
copper	iron	magnesium	manganese
nickel	potassium	sodium	vanadium
zinc			

- The positive metal results for calcium were qualified as estimated (J) for the following samples because the %D for calcium was above the allowable maximum for associated soil serial dilution sample and the results were above the RLs.

25-SB-DUP-1(0-2)	25SB-2 (0-2)	25SB-2 (5-7)
25SB-2 (12.5-14.5)	25SB-4 (0-2)	25SB-4 (3-5)
25SB-4 (11-13)		

- Positive metal result for potassium was qualified as "not detected" (U) for sample FB-1 because the level reported in the sample was not significantly greater than (more than 5 times) the highest associated blank level.

- The positive metal result for calcium was qualified as estimated, biased high (J+) for sample FB-1 because the percent recovery for calcium was above control limits in associated aqueous LCS.

- The "not detected" metal result for selenium was qualified as estimated (UJ) for sample FB-1 because the percent recovery for selenium was below QC limits, but not below 10% in the associated CRDL sample.

- The "not detected" metal results for antimony, cadmium, and thallium were qualified as estimated (UJ) for sample FB-1 because the percent recoveries for antimony, cadmium, and thallium were below control limits, but not below 50% in the associated continuing calibration verification sample.

All data that are not qualified rejected (R) are considered usable with estimated (J-, J, J+, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	05/08/2025 08:00	05/08/2025 10:59	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2)

York Sample ID: 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.183	0.365	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.120**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.365	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.435**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.430**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.428**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.364**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.387**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2)

York Sample ID: 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.460**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.0853**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	**Di-n-octyl phthalate**	**0.0634**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.777**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.370**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.410**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.750**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.365	2	EPA 8270E	05/11/2025 07:29	05/12/2025 12:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*48.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*52.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/13/2025 13:46	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*120 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0586	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.202	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.442	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.829	0.840	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.834	0.849	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	UJ	ug/kg dry	0.120	0.884	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.393	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.442	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	UJ PF-LCS-L	ug/kg dry	0.0685	0.442	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.442	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.208	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.658	0.829	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.672	0.884	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.344	0.835	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.272	0.827	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.835	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.701	1.11	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.32	5.53	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.53	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.675	2.21	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.770	2.21	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:18	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*114 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*90.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*73.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*15.9 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*136 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*75.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*116 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*111 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*124 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*146 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*141 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*106 %*		*25-150*

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*136 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*73.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*123 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*73.0 %*			*25-150*						

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 22:49	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.2 %*	*30-150*

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:19	NF
						Certifications:				

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6260**	J	mg/kg dry	4.63	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**4.65**		mg/kg dry	1.39	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**42.8**	J	mg/kg dry	2.31	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.099**	J-	mg/kg dry	0.047	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.278	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**33500**	J	mg/kg dry	4.63	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**13.6**	J	mg/kg dry	0.464	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**4.26**	J	mg/kg dry	0.370	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**33.9**	J	mg/kg dry	1.85	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**9970**	J	mg/kg dry	23.2	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**66.2**	J-	mg/kg dry	0.464	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3900**	J	mg/kg dry	4.64	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**222**	J	mg/kg dry	0.464	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**10.5**	J	mg/kg dry	0.923	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**842**	J	mg/kg dry	4.64	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ	mg/kg dry	0.467	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**395**	J	mg/kg dry	46.3	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND	UJ	mg/kg dry	1.86	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**18.3**	J	mg/kg dry	0.923	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**74.8**	J	mg/kg dry	2.31	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:55	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.163**	J-	mg/kg dry	0.0334	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.961**		mg/kg dry	0.556	1	EPA 7196A	05/06/2025 09:07	05/06/2025 16:03	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.6**		mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25-SB-DUP-1(0-2) **York Sample ID:** 25E0127-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:13 am	05/02/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.0**		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		CAL-E, CCVE mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	QL-02 mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:27	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (0-2)

York Sample ID: 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.0540**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.183	0.365	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.174**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.365	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.716**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.827**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.699**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.630**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.773**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0912	0.182	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.0678**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.739**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.170**		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**1.14**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.628**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND	UJ	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.567**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**1.18**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.365	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 12:32	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*116 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-2 (0-2)

York Sample ID: 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0591	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.204	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.192	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.208	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.446	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.837	0.848	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.843	0.857	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.893	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.397	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.446	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:34	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-2 (0-2)

York Sample ID: 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND UJ	PF-LCS-L	ug/kg dry	0.0692	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.664	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.678	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.347	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.275	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 15:34	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.707	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.682	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.778	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:34	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*115 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*117 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*115 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.2 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*77.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*45.4 %*	*10-150*

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*58.2 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*133 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.3 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*114 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*108 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*147 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*141 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*106 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*137 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*65.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*68.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*52.0 %*			*25-150*						

Pesticides, 8081 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:04	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:32	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6470**	J	mg/kg dry	4.65	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**4.26**		mg/kg dry	1.39	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**52.6**	J	mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	**Beryllium**	**0.107**	J-	mg/kg dry	0.047	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**0.381**	J-	mg/kg dry	0.279	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**26100**	J	mg/kg dry	4.65	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**16.2**	J	mg/kg dry	0.465	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.02**	J	mg/kg dry	0.372	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**36.6**	J	mg/kg dry	1.86	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**10500**	J	mg/kg dry	23.2	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**66.3**	J-	mg/kg dry	0.465	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3660**	J	mg/kg dry	4.65	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**214**	J	mg/kg dry	0.465	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**11.2**	J	mg/kg dry	0.926	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**893**	J	mg/kg dry	4.65	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ	mg/kg dry	0.469	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**452**	J	mg/kg dry	46.5	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND	UJ	mg/kg dry	1.86	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**17.6**	J	mg/kg dry	0.926	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**78.6**	J	mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.140**	J-	mg/kg dry	0.0335	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-2 (0-2) **York Sample ID:** 25E0127-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:12 am	05/02/2025

Chromium, Hexavalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.558	1	EPA 7196A	05/06/2025 09:07	05/06/2025 16:03	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.2**		mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:				

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**89.6**		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D	05/08/2025 08:00	05/08/2025 11:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	UJ	mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND	UJ	mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	UJ	mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND	UJ	mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	UJ	mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	UJ	mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	UJ	mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND	UJ	mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND	UJ	mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	05/10/2025 13:09	05/12/2025 13:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*42.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*29.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*32.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.3 %*	*21-113*

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*38.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.7 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 13:02	SS
						Certifications:	NELAC-NY10854			

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*116 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0561	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.194	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.423	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.793	0.804	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.799	0.812	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.846	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.377	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.423	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	UJ PF-LCS-L	ug/kg dry	0.0656	0.423	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.423	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.629	0.793	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.643	0.846	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.329	0.800	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.260	0.791	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.800	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.205	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.671	1.06	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.22	5.29	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.59	5.29	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.646	2.12	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 15:50	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.737	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 15:50	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*117 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*127 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*100 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*74.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*59.0 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*111 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*128 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*115 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*114 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*147 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*131 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*95.4 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*140 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.5 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*59.8 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.2 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.7 %*	*25-150*

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	05/11/2025 07:24	05/12/2025 19:46	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2760**	J	mg/kg dry	4.43	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.22	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**13.5**	J	mg/kg dry	2.21	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.045	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.266	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**11500**	J	mg/kg dry	4.43	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**5.60**	J	mg/kg dry	0.444	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**3.79**	J	mg/kg dry	0.354	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**10.6**	J	mg/kg dry	1.77	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**6490**	J	mg/kg dry	22.2	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**2.69**	J-	mg/kg dry	0.444	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**7590**	J	mg/kg dry	4.44	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**154**	J	mg/kg dry	0.444	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**6.78**	J	mg/kg dry	0.883	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (5-7) **York Sample ID:** 25E0127-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:15 am	05/02/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**359**	J	mg/kg dry	4.44	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.22	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ	mg/kg dry	0.447	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**274**	J	mg/kg dry	44.3	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND	UJ	mg/kg dry	1.78	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**9.99**	J	mg/kg dry	0.883	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**16.7**	J	mg/kg dry	2.21	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0319	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.532	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**5.60**		mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**94.0**		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	UJ	mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND	UJ	mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	UJ	mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	UJ	mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.184	0.367	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	UJ	mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.367	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	UJ	mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	UJ	mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0917	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND	UJ	mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND	UJ	mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.367	2	EPA 8270E	05/10/2025 13:09	05/12/2025 14:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*29.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*41.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 13:17	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0594	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.201	0.205	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.183	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.448	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.164	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.841	0.852	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.846	0.861	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.897	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.399	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.448	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	UJ PF-LCS-L	ug/kg dry	0.0695	0.448	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.448	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.211	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.667	0.841	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.682	0.897	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.349	0.847	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.276	0.838	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.847	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.711	1.12	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.35	5.60	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.60	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.685	2.24	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.781	2.24	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:06	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*117 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*113 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*122 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*77.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*115 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*114 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*116 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*102 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.6 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*94.9 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*124 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*106 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*94.4 %*	*25-150*

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*137 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*120 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*72.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.6 %*			*25-150*						

Pesticides, 8081 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/12/2025 23:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.6 %*	*30-150*

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:00	NF
						Certifications:				

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7580**	J	mg/kg dry	4.67	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.40	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**35.2**	J	mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.047	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.280	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1360**	J	mg/kg dry	4.67	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**14.9**	J	mg/kg dry	0.467	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.48**	J	mg/kg dry	0.373	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**14.1**	J	mg/kg dry	1.87	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**12300**	J	mg/kg dry	23.3	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**2.53**	J-	mg/kg dry	0.467	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3750**	J	mg/kg dry	4.67	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**268**	J	mg/kg dry	0.467	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**12.9**	J	mg/kg dry	0.930	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1060**	J	mg/kg dry	4.67	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ	mg/kg dry	0.471	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**367**	J	mg/kg dry	46.7	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND	UJ	mg/kg dry	1.87	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**21.8**	J	mg/kg dry	0.930	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**29.2**	J	mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 13:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0336	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.560	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.9**		mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-2 (12.5-14.5) **York Sample ID:** 25E0127-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 9:20 am	05/02/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.2**		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		CAL-E, CCVE mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	QL-02 mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260D	05/08/2025 08:00	05/08/2025 13:46	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND	R	mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND	R	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND	R	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND	R	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	R	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (0-2)

York Sample ID: 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND	R	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND	UJ	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND	R	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	R	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	R	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	R	mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	R	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	R	mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.361	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.0561**	J	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND	UJ		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.0576**	J-	J	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	UJ		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	UJ		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0777**		J	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND			mg/kg dry	0.0900	0.180	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND	UJ		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.0468**		J	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.0727**	J-	J	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND			mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	R	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	R	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.0871**	J	mg/kg dry	0.0451	0.0900	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.361	2	EPA 8270E	05/10/2025 13:09	05/12/2025 19:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*8.48 %*	S-08, S-Alk	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*%*	S-08, S-Alk	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*38.5 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.8 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*9.48 %*	S-08, S-Alk	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.4 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 13:32	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*98.0 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-4 (0-2)

York Sample ID: 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0579	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS -L	ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.819	0.830	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.825	0.839	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.874	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:22	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-4 (0-2)

York Sample ID: 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	UJ PF-LCS-L	ug/kg dry	0.0677	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.650	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.664	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.340	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.269	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 16:22	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.693	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.667	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.761	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:22	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*101 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*91.2 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*105 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*96.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*76.5 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.3 %*	*10-150*

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*105 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*108 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*109 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*74.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*86.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*136 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*128 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*95.0 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*126 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*63.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*68.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.3 %*			*25-150*						

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	05/11/2025 07:26	05/13/2025 15:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:13	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11300**	J	mg/kg dry	4.59	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.29	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.28**		mg/kg dry	1.38	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**72.9**	J	mg/kg dry	2.29	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND	UJ M-CCV 1	mg/kg dry	0.046	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.275	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**4140**	J	mg/kg dry	4.59	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**24.1**	J	mg/kg dry	0.459	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**9.68**	J	mg/kg dry	0.367	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**31.7**	J	mg/kg dry	1.84	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**20500**	J	mg/kg dry	22.9	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**5.25**	J-	mg/kg dry	0.459	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**5050**	J	mg/kg dry	4.59	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**385**	J	mg/kg dry	0.459	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**21.9**	J	mg/kg dry	0.914	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**3190**	J	mg/kg dry	4.59	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.29	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ	mg/kg dry	0.463	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**536**	J	mg/kg dry	45.9	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND	UJ	mg/kg dry	1.84	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**31.0**	J	mg/kg dry	0.914	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**50.5**	J	mg/kg dry	2.28	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:04	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0330	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-4 (0-2) **York Sample ID:** 25E0127-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:30 am	05/02/2025

Chromium, Hexavalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.551	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**23.6**		mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:				

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**90.8**		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**0.029**	J	CCVE mg/kg dry	0.0055	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:14	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND	R	mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND	R	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND	R	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND	R	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	R	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND	R	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND	UJ	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND	R	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	R	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	R	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	R	mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	R	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	R	mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND	UJ	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND	UJ	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	UJ	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	UJ	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0914	0.183	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND	UJ	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND	UJ	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	R	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	R	mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.366	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.0 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*%*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.8 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.6 %*		*21-113*

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 13:47	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*110 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.197	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0591	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.204	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.192	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.208	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.446	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.837	0.848	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.842	0.857	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.893	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.397	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.446	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	UJ PF-LCS-L	ug/kg dry	0.0692	0.446	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.446	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.664	0.837	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.678	0.893	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.347	0.843	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.274	0.835	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.843	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.216	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.707	1.12	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.58	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.58	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.682	2.23	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:38	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.778	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 16:38	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*115 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*117 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*116 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*88.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*105 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*122 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*111 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*106 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*100 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*126 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*116 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*103 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*132 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*74.2 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*51.9 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*129 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*66.0 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*70.9 %*	*25-150*

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	05/11/2025 07:24	05/12/2025 20:27	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5950**	J	mg/kg dry	4.66	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.40	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**33.6**	J	mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ M-CCV 1	mg/kg dry	0.047	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.279	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1640**	J	mg/kg dry	4.66	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**14.7**	J	mg/kg dry	0.466	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.23**	J	mg/kg dry	0.372	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**12.8**	J	mg/kg dry	1.86	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**11100**	J	mg/kg dry	23.3	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**2.38**	J-	mg/kg dry	0.466	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3240**	J	mg/kg dry	4.66	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**269**	J	mg/kg dry	0.466	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**12.2**	J	mg/kg dry	0.928	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (3-5) **York Sample ID:** 25E0127-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:32 am	05/02/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1310**	J	mg/kg dry	4.66	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.33	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ	mg/kg dry	0.470	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**439**	J	mg/kg dry	46.6	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND	UJ	mg/kg dry	1.87	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**19.9**	J	mg/kg dry	0.928	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**30.6**	J	mg/kg dry	2.32	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:05	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0335	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.559	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.7**		mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**89.4**		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND	UJ	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0098	0.020	1	EPA 8260D	05/08/2025 08:00	05/08/2025 14:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-4 (11-13)

York Sample ID: 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND	R	mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND	R	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND	R	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND	R	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	R	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND	R	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND	UJ	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND	R	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	R	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	R	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	R	mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	R	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	R	mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND	UJ	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND	UJ	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	UJ	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND	UJ	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND	UJ	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND	UJ	mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	05/10/2025 13:09	05/12/2025 20:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*40.0 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*%*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*37.0 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.9 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.8 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.9 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 14:03	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0626	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.211	0.216	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.203	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.197	0.220	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.223	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.225	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.192	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.229	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.472	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.172	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.885	0.897	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.891	0.907	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.129	0.945	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.164	0.420	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.228	0.472	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	UJ PF-LCS-L	ug/kg dry	0.0732	0.472	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.472	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.185	0.222	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.702	0.885	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.718	0.945	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.367	0.893	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.290	0.883	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.205	0.893	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.200	0.229	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.146	0.227	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.749	1.18	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.90	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.77	5.90	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.721	2.36	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.823	2.36	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 16:55	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*116 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*96.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*79.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*9.96 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonate*	*121 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*67.4 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide*	*109 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*110 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*131 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*118 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*88.1 %*		*25-150*

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*138 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*67.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*121 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*82.0 %*			*25-150*						

Pesticides, 8081 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00190	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.8 %*	*30-150*

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:34	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7700**	J	mg/kg dry	4.94	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.47	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.48	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**44.5**	J	mg/kg dry	2.47	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ M-CCV 1	mg/kg dry	0.050	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.296	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2730**	J	mg/kg dry	4.94	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**17.8**	J	mg/kg dry	0.494	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.24**	J	mg/kg dry	0.395	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**16.8**	J	mg/kg dry	1.98	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**13500**	J	mg/kg dry	24.7	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.27**	J-	mg/kg dry	0.494	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**4870**	J	mg/kg dry	4.94	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**273**	J	mg/kg dry	0.494	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**14.0**	J	mg/kg dry	0.984	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1270**	J	mg/kg dry	4.94	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.47	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ	mg/kg dry	0.498	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**964**	J	mg/kg dry	49.4	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND	UJ	mg/kg dry	1.98	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**24.1**	J	mg/kg dry	0.984	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**36.8**	J	mg/kg dry	2.46	1	EPA 6010D	05/06/2025 14:40	05/07/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0356	1	EPA 7473	05/08/2025 08:15	05/08/2025 16:04	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.593	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**17.8**		mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-4 (11-13) **York Sample ID:** 25E0127-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 11:34 am	05/02/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.4**		%	0.100	1	SM 2540G	05/06/2025 16:30	05/06/2025 19:17	MJD
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	**Tetrachloroethylene**	**0.012**	J- QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	**Trichloroethylene**	**0.073**		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D	05/08/2025 08:00	05/08/2025 19:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND	R	mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND	R	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND	R	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND	R	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	R	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND	R	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND	UJ	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND	R	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	R	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	R	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	R	mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	R	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	R	mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.117**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.0464**	J	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.278**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.352	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.856**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.985**	J-	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**1.29**	J-	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.839**	J CCVE	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.445**	J-	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	UJ	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0880	0.176	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.152**	J-	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.913**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.136**	J CCVE	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**0.0521**	J	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**1.53**	J-	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.0964**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.720**	J	CCVE mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.0549**		J mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	R	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**1.08**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	R	mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**1.67**		mg/kg dry	0.0441	0.0880	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.352	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:02	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.8 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*%*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*30.7 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*32.8 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*36.8 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*34.6 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 14:17	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*94.0 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-10 (0-2)

York Sample ID: 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.190	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0568	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.196	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.429	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.214	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.804	0.815	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.809	0.823	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.858	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.382	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.429	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:43	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	UJ PF-LCS-L	ug/kg dry	0.0665	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.638	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.652	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.333	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.264	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/05/2025 15:14	05/06/2025 17:43	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.680	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.655	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.747	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:43	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*107 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*108 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*97.8 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*114 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*103 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*81.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.3 %*	*10-150*

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*108 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*105 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*106 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*94.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*105 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*114 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*141 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*142 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*101 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*127 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*46.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*63.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*59.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*62.2 %*			*25-150*						

Pesticides, 8081 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	**4,4'-DDT**	**0.00487**		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/11/2025 07:26	05/13/2025 16:45	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
37324-23-5	**Aroclor 1262**	**0.0543**		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
						Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1336-36-3	*** Total PCBs**	**0.0543**		mg/kg dry	0.0178	1	EPA 8082A	05/11/2025 07:24	05/13/2025 15:48	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6210**	J	mg/kg dry	4.48	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.24	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**6.07**		mg/kg dry	1.35	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**190**	J	mg/kg dry	2.24	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ M-CCV 1	mg/kg dry	0.045	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**1.56**	J-	mg/kg dry	0.269	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**7830**	J-	mg/kg dry	4.49	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**19.0**	J	mg/kg dry	0.449	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.11**	J	mg/kg dry	0.358	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**101**	J	mg/kg dry	1.79	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**15200**	J	mg/kg dry	22.4	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**448**	J-	mg/kg dry	0.449	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2490**	J	mg/kg dry	4.49	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**236**	J	mg/kg dry	0.449	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**20.1**	J	mg/kg dry	0.893	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**968**	J	mg/kg dry	4.49	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.24	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.452	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**159**	J	mg/kg dry	44.9	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND	UJ	mg/kg dry	1.80	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**20.8**	J	mg/kg dry	0.893	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**392**	J	mg/kg dry	2.23	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.388**	J-	mg/kg dry	0.0323	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (0-2) **York Sample ID:** 25E0127-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:50 pm	05/02/2025

Chromium, Hexavalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.538	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.0**		mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:				

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**92.9**		%	0.100	1	SM 2540G	05/07/2025 09:30	05/07/2025 10:40	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-10 (2-4)

York Sample ID: 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	**Tetrachloroethylene**	**0.0047**	J- QL-02, J	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	**Trichloroethylene**	**0.032**		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D	05/08/2025 08:00	05/08/2025 16:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND	R	mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND	R	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (2-4)

York Sample ID: 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND	R	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND	R	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	R	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND	R	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND	UJ	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND	R	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	R	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	R	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	R	mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	R	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	R	mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.0446**	J	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (2-4)

York Sample ID: 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.174	0.349	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.109**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.349	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.315**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.290**	J-	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.384**	J-	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.194**	J CCVE	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.147**	J-	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	UJ	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0871	0.174	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.0494**	J- J	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.331**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.572**	J-	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.185**	J CCVE	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	R	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.371**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	R	mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.664**		mg/kg dry	0.0437	0.0871	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.349	2	EPA 8270E	05/10/2025 13:09	05/12/2025 21:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.2 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*%*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.3 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.5 %*		*21-113*

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.1 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 14:32	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*104 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0562	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.424	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.796	0.806	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.801	0.815	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.116	0.849	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.378	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.424	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	UJ PF-LCS-L	ug/kg dry	0.0658	0.424	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.424	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.199	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.631	0.796	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.645	0.849	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.330	0.802	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.261	0.794	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.802	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.206	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.673	1.06	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.23	5.31	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.59	5.31	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.648	2.12	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 17:59	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-10 (2-4)

York Sample ID: 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.740	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/05/2025 15:14	05/06/2025 17:59	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*106 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*110 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*86.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*87.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*9.51 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*120 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*80.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*102 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*111 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*129 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*154 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*156 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*110 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*140 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*49.3 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*53.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*59.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.6 %*		*25-150*

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND	UJ	mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:43	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6620**	J	mg/kg dry	4.44	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.22	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.81**		mg/kg dry	1.33	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**69.1**	J	mg/kg dry	2.22	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ M-CCV 1	mg/kg dry	0.045	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**0.337**	J-	mg/kg dry	0.266	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**3050**	J-	mg/kg dry	4.44	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**17.0**	J	mg/kg dry	0.444	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.50**	J	mg/kg dry	0.355	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**30.7**	J	mg/kg dry	1.78	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**13500**	J	mg/kg dry	22.2	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**79.0**	J-	mg/kg dry	0.444	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3920**	J	mg/kg dry	4.44	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**233**	J	mg/kg dry	0.444	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**13.4**	J	mg/kg dry	0.884	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (2-4) **York Sample ID:** 25E0127-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 12:52 pm	05/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1370**	J	mg/kg dry	4.44	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.22	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**187**	J	mg/kg dry	44.4	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND	UJ	mg/kg dry	1.78	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**23.3**	J	mg/kg dry	0.884	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**128**	J	mg/kg dry	2.21	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.184**	J-	mg/kg dry	0.0320	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.533	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**17.0**		mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:				

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**93.9**		%	0.100	1	SM 2540G	05/07/2025 09:30	05/07/2025 10:40	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-10 (11-13)

York Sample ID: 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	**Tetrachloroethylene**	**0.0076**	J- QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	**Trichloroethylene**	**0.046**		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D	05/08/2025 08:00	05/08/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND	R	mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND	R	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND	R	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND	R	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	R	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND	R	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND	UJ	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND	R	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	R	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	R	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	R	mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	R	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	R	mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.150**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.199**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.356	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.764**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.648**	J-	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.972**	J-	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.446**	J CCVE	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.337**	J-	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND	UJ	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.114**	J-	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.939**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.108**	J CCVE	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	**Di-n-butyl phthalate**	**0.0561**	J	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**1.48**	J-	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.425**	J CCVE	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	R	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.788**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	R	mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**1.66**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.356	2	EPA 8270E	05/10/2025 13:09	05/12/2025 22:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.8 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*%*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.6 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.0 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.9 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.8 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 14:48	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.192	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0575	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.434	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.813	0.824	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.819	0.833	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.118	0.867	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.386	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.434	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	UJ PF-LCS-L	ug/kg dry	0.0672	0.434	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.434	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.204	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.645	0.813	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-LCS-L	ug/kg dry	0.659	0.867	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-10 (11-13)

York Sample ID: 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.337	0.820	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	PF-LCS-L	ug/kg dry	0.267	0.811	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.820	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.687	1.08	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.42	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.42	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.662	2.17	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.756	2.17	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	05/05/2025 15:14	05/06/2025 18:15	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*92.3 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*91.5 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*88.3 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*93.2 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*95.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*72.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.58 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*127 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*48.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*104 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*52.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*63.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*85.8 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*92.2 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*80.2 %*		*25-150*

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*72.9 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*79.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*77.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.3 %*			*25-150*						

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B	05/10/2025 10:39	05/11/2025 17:56	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-150*

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	05/10/2025 10:37	05/11/2025 19:57	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7520**	J	mg/kg dry	4.53	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.26	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**3.29**		mg/kg dry	1.36	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**66.2**	J	mg/kg dry	2.26	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	UJ	mg/kg dry	0.046	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**0.371**	J-	mg/kg dry	0.272	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**7130**	J-	mg/kg dry	4.53	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**19.6**	J	mg/kg dry	0.453	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.01**	J	mg/kg dry	0.362	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**37.9**	J	mg/kg dry	1.81	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**16600**	J	mg/kg dry	22.6	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**69.6**	J-	mg/kg dry	0.453	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3740**	J	mg/kg dry	4.53	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**291**	J	mg/kg dry	0.453	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**14.8**	J	mg/kg dry	0.902	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1320**	J	mg/kg dry	4.53	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ	mg/kg dry	2.26	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.456	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**187**	J	mg/kg dry	45.3	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND	UJ	mg/kg dry	1.81	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**25.4**	J	mg/kg dry	0.902	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**133**	J	mg/kg dry	2.25	1	EPA 6010D	05/06/2025 14:42	05/07/2025 14:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.138**	J-	mg/kg dry	0.0326	1	EPA 7473	05/07/2025 18:19	05/08/2025 10:33	DBT
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.543	1	EPA 7196A	05/06/2025 14:34	05/06/2025 20:00	sml
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.6**		mg/kg	0.500	1	Calculation	05/08/2025 14:52	05/08/2025 17:40	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-10 (11-13) **York Sample ID:** 25E0127-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Soil	May 2, 2025 2:00 pm	05/02/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.0**		%	0.100	1	SM 2540G	05/07/2025 09:30	05/07/2025 10:40	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	R CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND	CCVE	ug/L	0.163	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	ICVE	ug/L	0.119	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	ICVE	ug/L	0.448	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	ICVE	ug/L	0.372	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	ICVE	ug/L	0.337	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	ICVE	ug/L	0.469	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	05/09/2025 11:10	05/10/2025 09:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*79-122*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:				
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/08/2025 13:36	05/09/2025 13:34	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*20.6 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.2 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.2 %*	*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		CCVE, ICVE ug/L	0.250	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	R	QL-02 ug/L	0.500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/08/2025 13:43	05/09/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	05/06/2025 13:24	05/08/2025 13:39	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*104 %*	*36.6-118*

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.435	1.64	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.324	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.657	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.629	1.69	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.389	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.759	1.72	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.481	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.694	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.05	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.685	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.639	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.731	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.953	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.213	3.70	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.842	1.77	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-LCS-L	ng/L	1.22	1.79	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.94	7.03	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.90	7.11	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ng/L	0.305	7.40	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.463	3.30	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.98	3.70	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ng/L	0.231	3.70	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058			

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.342	3.70	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058			
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.703	1.74	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.66	6.94	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.99	7.40	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.28	7.00	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	ng/L	0.648	6.92	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.491	7.00	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND UJ	PF-CCV-L, PF-LCS-L	ng/L	0.861	1.80	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ng/L	0.796	1.78	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.88	4.63	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.78	23.1	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.77	23.1	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.69	18.5	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.69	18.5	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.67	1.85	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 20:00	AM
							Certifications:				

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*133 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*134 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*137 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*132 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*129 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*91.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*73.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*5.14 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*160 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*77.7 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*146 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*100 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*111 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*88.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*125 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*125 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*100 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*84.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*127 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*78.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*99.1 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	05/06/2025 12:59	05/06/2025 21:26	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND	UJ	ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	05/06/2025 12:57	05/07/2025 23:03	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*	*30-150*

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND			mg/L	0.0556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	Barium	ND			mg/L	0.0278	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1.02**	J+	M-BS	mg/L	0.0556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND			mg/L	0.00556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND			mg/L	0.00444	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND			mg/L	0.0222	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND			mg/L	0.278	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND			mg/L	0.00556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**0.0711**			mg/L	0.0556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	Manganese	ND			mg/L	0.00556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND			mg/L	0.0111	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**0.106**	U	B	mg/L	0.0556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/L	0.00556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**0.743**			mg/L	0.556	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND			mg/L	0.0111	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**0.0356**			mg/L	0.0278	1	EPA 6010D	05/05/2025 10:57	05/06/2025 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	UJ	M-CCV 1	ug/L	2.22	1	EPA 6020B	05/05/2025 10:38	05/07/2025 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND			ug/L	2.22	1	EPA 6020B	05/05/2025 10:38	05/07/2025 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND			ug/L	0.667	1	EPA 6020B	05/05/2025 10:38	05/07/2025 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	M-CCV 1	ug/L	1.11	1	EPA 6020B	05/05/2025 10:38	05/07/2025 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	UJ		ug/L	2.22	1	EPA 6020B	05/05/2025 10:38	05/07/2025 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0127-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 9:30 am	05/02/2025

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND	UJ M-CCV 1	ug/L	2.22	1	EPA 6020B	05/05/2025 10:38	05/07/2025 13:03	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/02/2025 20:48	05/02/2025 21:20	SML
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/08/2025 14:53	05/08/2025 17:41	SL
						Certifications:				

Analyzed by: Phoenix Environmental Labs, Inc.

E245.1

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	E245.1	05/08/2025 00:00	05/08/2025 13:14	CT007
							Certifications:				

Sample Information

Client Sample ID: TB-1 **York Sample ID:** 25E0127-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 12:00 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: TB-1 **York Sample ID:** 25E0127-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 12:00 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	R CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: TB-1 **York Sample ID:** 25E0127-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 12:00 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND	CCVE	ug/L	0.163	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	ICVE	ug/L	0.119	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	ICVE	ug/L	0.448	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	ICVE	ug/L	0.372	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: TB-1 **York Sample ID:** 25E0127-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0127	32-20 38th Avenue, Queens New York	Water	May 2, 2025 12:00 am	05/02/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	ICVE	ug/L	0.337	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	ICVE	ug/L	0.469	0.500	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	05/09/2025 11:10	05/10/2025 07:23	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*79-122*

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data for
York Analytical Laboratories, Inc., SDG: 25E0127

9 Soil Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected May 2, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, bromoform, bromomethane, chloroethane, chloromethane, and methyl acetate were below the method minimums, but not below 0.010 for QVOA9 on 05-05-25. The average RRFs for 2-butanone, 2-hexanone, and bromoform were below the method minimums, but not below 0.010 for VOA No. 3 on 05-07-25. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %RSDs for acetone and bromomethane were above the allowable maximum (30%) for QVOA9 on 05-05-25. The %RSD for 1,2,4-trichlorobenzene was above the allowable maximum (30%) for VOA No. 3 on 05-07-25. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for 2-butanone, 2-hexanone, and bromoform were below the method minimums, but not below 0.010 on 05-08-25 (V31904876.D). The RRFs for 10 compounds (highlighted yellow on attached FORM VII) were below the method minimums, but not below 0.010 on 05-10-25 (QV935584.D). The %Ds for 2-hexanone and acetone were above the method maximum on 05-08-25 (V2-635000.D). The %Ds for bromomethane, chloroethane, and vinyl chloride were above the method maximum on 05-08-25 (V31904876.D). The %Ds for 1,2,4-trichlorobenzene, bromoform, bromomethane, and trichlorofluoromethane were above the method maximum on 05-10-25 (QV935584.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for 2-hexanone and acetone were above the allowable maximum (20%) on 05-08-25 (V2-635000.D). The %Ds for bromomethane, chloroethane, and vinyl chloride were above the allowable maximum (20%) on 05-08-25 (V31904876.D). The %Ds for 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, bromoform, bromomethane, hexachlorobutadiene, and trichlorofluoromethane were above the allowable maximum (20%) on 05-10-25 (QV935584.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank BE50434-BLK1 contained a trace of methylene chloride (0.011 mg/kg). Positive results for methylene chloride that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples, field blank, and trip blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for hexachlorobutadiene and methylcyclohexane were above the allowable maximum and 1 of 2 percent recoveries for cyclohexane and methylcyclohexane were below QC limits, but not below 10% for soil MS/MSD sample 25SB-4 (11-13). The “not detected” results for cyclohexane and methylcyclohexane should be considered estimated (UJ) in sample 25SB-4 (11-13).

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum, but 1 of 2 percent recoveries (%Rs) for 1,3,5-trimethylbenzene and p-ethyltoluene were above QC limits for aqueous samples BE51000-BS1/BSD1. Positive results for these compounds should be considered estimated, biased high (J+) in associated aqueous samples.

Two of two %Rs for cyclohexane were below QC limits, but not below 30% for aqueous samples BE51000-BS1/BSD1. Positive results for cyclohexane should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in associated aqueous samples.

Two of two %Rs for 1,4-dioxane were below QC limits and below 30% for aqueous samples BE51000-BS1/BSD1. Positive results for 1,4-dioxane should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

The RPD for dichlorodifluoromethane was above the allowable maximum for soil samples BE50430-BS1/BSD1. Positive results for dichlorodifluoromethane should be considered estimated (J) in associated soil samples.

Two of two %Rs for tetrachloroethylene were below QC limits, but not below 10% for soil samples BE50430-BS1/BSD1. The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for ethyl benzene, p-isopropyltoluene, and styrene, and 1 of 2 %Rs for 1,2,4-trimetyhlbenzene, 1,3-dichlorobenzene, chlorobenzene, and tetrachloroethylene were below QC limits, but not below 10% for soil samples BE50434-BS1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" estimated (UJ) in associated soil samples.

Field Duplicates: The analyses of soil field duplicate pair 25SB-2 (0-2)/25-SB-DUP-1(0-2) reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compounds and surrogates were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-4 (11-13)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50430
Laboratory ID: BE50430-MS1
Preparation: EPA 5035A
Initial/Final: 5 g / 5 ml
Source Sample Name: 25SB-4 (11-13)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	0.00	42.1	84.1	15 - 161
1,1,1-Trichloroethane	50.0	0.00	40.7	81.4	42 - 145
1,1,2,2-Tetrachloroethane	50.0	0.00	54.2	108	16 - 167
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	0.00	50.6	101	11 - 160
1,1,2-Trichloroethane	50.0	0.00	44.6	89.2	44 - 145
1,1-Dichloroethane	50.0	0.00	41.6	83.2	46 - 142
1,1-Dichloroethylene	50.0	0.00	53.5	107	30 - 153
1,2,3-Trichlorobenzene	50.0	0.00	39.4	78.7	10 - 157
1,2,3-Trichloropropane	50.0	0.00	51.8	104	38 - 155
1,2,4-Trichlorobenzene	50.0	0.00	38.4	76.9	10 - 151
1,2,4-Trimethylbenzene	50.0	0.00	49.5	98.9	10 - 170
1,2-Dibromo-3-chloropropane	50.0	0.00	43.8	87.5	36 - 138
1,2-Dibromoethane	50.0	0.00	45.3	90.6	40 - 142
1,2-Dichlorobenzene	50.0	0.00	45.3	90.6	10 - 147
1,2-Dichloroethane	50.0	0.00	42.3	84.6	48 - 133
1,2-Dichloropropane	50.0	0.00	45.6	91.2	47 - 141
1,3,5-Trimethylbenzene	50.0	0.00	49.4	98.8	10 - 150
1,3-Dichlorobenzene	50.0	0.00	44.7	89.5	10 - 144
1,4-Dichlorobenzene	50.0	0.00	43.7	87.4	10 - 160
1,4-Dioxane	1050	0.00	946	90.1	10 - 191
2-Butanone	50.0	0.00	39.7	79.4	10 - 189
2-Hexanone	50.0	0.00	49.0	98.1	10 - 181
4-Methyl-2-pentanone	50.0	0.00	51.7	103	10 - 166
Acetone	50.0	1.84	38.3	72.9	10 - 196
Acrolein	50.0	0.00	37.9	75.8	10 - 192
Acrylonitrile	50.0	0.00	44.7	89.4	13 - 161
Benzene	50.0	0.00	40.9	81.8	43 - 139
Bromochloromethane	50.0	0.00	44.6	89.1	38 - 145
Bromodichloromethane	50.0	0.00	42.2	84.5	38 - 147
Bromoform	50.0	0.00	42.8	85.6	29 - 156
Bromomethane	50.0	0.00	49.0	98.0	10 - 166

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-4 (11-13)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50430
Laboratory ID: BE50430-MS1
Preparation: EPA 5035A
Initial/Final: 5 g / 5 ml
Source Sample Name: 25SB-4 (11-13)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Carbon disulfide	50.0	0.00	47.3	94.5	10 - 131
Carbon tetrachloride	50.0	0.00	38.6	77.2	35 - 145
Chlorobenzene	50.0	0.00	44.4	88.8	21 - 154
Chloroethane	50.0	0.00	66.7	133	15 - 160
Chloroform	50.0	0.00	40.4	80.8	47 - 142
Chloromethane	50.0	0.00	41.5	82.9	10 - 159
cis-1,2-Dichloroethylene	50.0	0.00	41.3	82.6	42 - 144
cis-1,3-Dichloropropylene	50.0	0.00	42.8	85.7	18 - 159
Cyclohexane	50.0	0.00	40.3	80.5	70 - 130
Dibromochloromethane	50.0	0.00	43.5	86.9	10 - 179
Dibromomethane	50.0	0.00	42.9	85.8	47 - 143
Dichlorodifluoromethane	50.0	0.00	37.3	74.6	10 - 145
Ethyl Benzene	50.0	0.00	46.0	91.9	11 - 158
Hexachlorobutadiene	50.0	0.00	39.4	78.7	10 - 158
Isopropylbenzene	50.0	0.00	49.7	99.5	10 - 162
Methyl acetate	50.0	0.00	63.7	127	10 - 149
Methyl tert-butyl ether (MTBE)	50.0	0.00	38.2	76.5	42 - 152
Methylcyclohexane	50.0	0.00	44.1	88.2	70 - 130
Methylene chloride	50.0	1.53	39.3	75.5	28 - 151
n-Butylbenzene	50.0	0.00	46.8	93.6	10 - 162
n-Propylbenzene	50.0	0.00	50.1	100	10 - 155
o-Xylene	50.0	0.00	46.3	92.6	10 - 158
p- & m- Xylenes	100	0.00	90.1	90.1	10 - 156
p-Isopropyltoluene	50.0	0.00	45.9	91.9	10 - 147
sec-Butylbenzene	50.0	0.00	48.9	97.7	10 - 157
Styrene	50.0	0.00	44.0	88.0	13 - 171
tert-Butyl alcohol (TBA)	250	0.00	201	80.2	34 - 179
tert-Butylbenzene	50.0	0.00	41.2	82.4	10 - 160
Tetrachloroethylene	50.0	0.00	32.6	65.1	30 - 167
Toluene	50.0	0.00	44.2	88.5	21 - 160
trans-1,2-Dichloroethylene	50.0	0.00	41.0	81.9	29 - 153
trans-1,3-Dichloropropylene	50.0	0.00	42.4	84.7	18 - 155

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-4 (11-13)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50430	Laboratory ID:	BE50430-MS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

Source Sample Name: 25SB-4 (11-13)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	0.00	45.9	91.7	24 - 169
Trichlorofluoromethane	50.0	0.00	50.6	101	35 - 142
Vinyl Chloride	50.0	0.00	45.7	91.3	12 - 160

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-4 (11-13)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50430	Laboratory ID:	BE50430-MSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

Source Sample Name: 25SB-4 (11-13)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	34.6	69.1	19.6	33	15 - 161
1,1,1-Trichloroethane	50.0	33.3	66.7	19.9	30	42 - 145
1,1,2,2-Tetrachloroethane	50.0	44.3	88.7	20.0	56	16 - 167
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	39.3	78.5	25.2	31	11 - 160
1,1,2-Trichloroethane	50.0	37.3	74.7	17.7	40	44 - 145
1,1-Dichloroethane	50.0	35.6	71.2	15.5	36	46 - 142
1,1-Dichloroethylene	50.0	45.4	90.8	16.5	31	30 - 153
1,2,3-Trichlorobenzene	50.0	27.8	55.5	34.6	47	10 - 157
1,2,3-Trichloropropane	50.0	43.2	86.3	18.1	48	38 - 155
1,2,4-Trichlorobenzene	50.0	26.8	53.6	35.8	52	10 - 151
1,2,4-Trimethylbenzene	50.0	36.9	73.8	29.1	242	10 - 170
1,2-Dibromo-3-chloropropane	50.0	36.8	73.6	17.2	54	36 - 138
1,2-Dibromoethane	50.0	37.9	75.8	17.8	39	40 - 142
1,2-Dichlorobenzene	50.0	36.8	73.5	20.8	52	10 - 147
1,2-Dichloroethane	50.0	36.2	72.4	15.6	32	48 - 133
1,2-Dichloropropane	50.0	38.3	76.6	17.3	37	47 - 141
1,3,5-Trimethylbenzene	50.0	35.9	71.8	31.6	62	10 - 150
1,3-Dichlorobenzene	50.0	35.6	71.3	22.7	51	10 - 144
1,4-Dichlorobenzene	50.0	35.4	70.7	21.1	52	10 - 160
1,4-Dioxane	1050	798	76.0	17.0	196	10 - 191
2-Butanone	50.0	33.8	67.6	16.0	67	10 - 189
2-Hexanone	50.0	40.4	80.9	19.2	60	10 - 181
4-Methyl-2-pentanone	50.0	43.3	86.7	17.7	47	10 - 166
Acetone	50.0	35.1	66.5	8.66	150	10 - 196
Acrolein	50.0	33.2	66.5	13.1	128	10 - 192
Acrylonitrile	50.0	39.8	79.5	11.7	48	13 - 161
Benzene	50.0	34.6	69.2	16.7	64	43 - 139
Bromochloromethane	50.0	38.1	76.2	15.6	30	38 - 145
Bromodichloromethane	50.0	35.2	70.4	18.1	37	38 - 147
Bromoform	50.0	35.5	71.0	18.5	51	29 - 156
Bromomethane	50.0	44.5	88.9	9.70	42	10 - 166
Carbon disulfide	50.0	40.2	80.5	16.1	36	10 - 131

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-4 (11-13)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50430
Laboratory ID: BE50430-MSD1
Preparation: EPA 5035A
Initial/Final: 5 g / 5 ml
Source Sample Name: 25SB-4 (11-13)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon tetrachloride	50.0	31.7	63.5	19.6	31	35 - 145
Chlorobenzene	50.0	36.7	73.4	19.0	32	21 - 154
Chloroethane	50.0	60.5	121	9.74	40	15 - 160
Chloroform	50.0	34.0	67.9	17.2	29	47 - 142
Chloromethane	50.0	36.6	73.3	12.3	31	10 - 159
cis-1,2-Dichloroethylene	50.0	35.6	71.1	14.9	30	42 - 144
cis-1,3-Dichloropropylene	50.0	36.1	72.2	17.1	39	18 - 159
Cyclohexane	50.0	31.2	62.3 *	25.5	30	70 - 130
Dibromochloromethane	50.0	35.8	71.6	19.4	41	10 - 179
Dibromomethane	50.0	36.7	73.5	15.5	41	47 - 143
Dichlorodifluoromethane	50.0	30.8	61.5	19.3	34	10 - 145
Ethyl Benzene	50.0	37.4	74.7	20.6	42	11 - 158
Hexachlorobutadiene	50.0	18.5	37.0	72.1 *	45	10 - 158
Isopropylbenzene	50.0	37.4	74.7	28.4	57	10 - 162
Methyl acetate	50.0	60.5	121	5.22	64	10 - 149
Methyl tert-butyl ether (MTBE)	50.0	31.7	63.5	18.6	47	42 - 152
Methylcyclohexane	50.0	29.8	59.7 *	38.5 *	30	70 - 130
Methylene chloride	50.0	34.6	66.1	12.7	49	28 - 151
n-Butylbenzene	50.0	28.6	57.2	48.2	96	10 - 162
n-Propylbenzene	50.0	37.4	74.9	29.0	56	10 - 155
o-Xylene	50.0	37.5	75.0	21.1	51	10 - 158
p- & m- Xylenes	100	72.9	72.9	21.1	47	10 - 156
p-Isopropyltoluene	50.0	29.1	58.2	44.9	60	10 - 147
sec-Butylbenzene	50.0	31.0	62.0	44.8	56	10 - 157
Styrene	50.0	36.4	72.7	19.1	39	13 - 171
tert-Butyl alcohol (TBA)	250	170	67.9	16.6	35	34 - 179
tert-Butylbenzene	50.0	27.3	54.6	40.5	79	10 - 160
Tetrachloroethylene	50.0	26.4	52.7	21.1	33	30 - 167
Toluene	50.0	36.8	73.6	18.3	50	21 - 160
trans-1,2-Dichloroethylene	50.0	35.4	70.8	14.6	30	29 - 153
trans-1,3-Dichloropropylene	50.0	35.9	71.7	16.6	30	18 - 155
Trichloroethylene	50.0	39.0	78.0	16.1	30	24 - 169
Trichlorofluoromethane	50.0	39.3	78.5	25.2	30	35 - 142

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-4 (11-13)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50430	Laboratory ID:	BE50430-MSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

Source Sample Name: 25SB-4 (11-13)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	50.0	39.5	79.0	14.4	35	12 - 160

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50430	Laboratory ID:	BE50430-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	43.8	87.5	75 - 129
1,1,1-Trichloroethane	50.0	41.8	83.5	71 - 137
1,1,2,2-Tetrachloroethane	50.0	58.3	117	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	46.3	92.7	58 - 146
1,1,2-Trichloroethane	50.0	45.8	91.5	83 - 123
1,1-Dichloroethane	50.0	42.9	85.8	75 - 130
1,1-Dichloroethylene	50.0	48.2	96.5	64 - 137
1,2,3-Trichlorobenzene	50.0	44.6	89.2	81 - 140
1,2,3-Trichloropropane	50.0	54.1	108	81 - 126
1,2,4-Trichlorobenzene	50.0	46.1	92.2	80 - 141
1,2,4-Trimethylbenzene	50.0	52.7	105	84 - 125
1,2-Dibromo-3-chloropropane	50.0	45.9	91.8	74 - 142
1,2-Dibromoethane	50.0	47.5	94.9	86 - 123
1,2-Dichlorobenzene	50.0	48.5	97.0	85 - 122
1,2-Dichloroethane	50.0	43.6	87.1	71 - 133
1,2-Dichloropropane	50.0	47.8	95.5	81 - 122
1,3,5-Trimethylbenzene	50.0	52.0	104	82 - 126
1,3-Dichlorobenzene	50.0	48.5	97.0	84 - 124
1,4-Dichlorobenzene	50.0	48.4	96.8	84 - 124
1,4-Dioxane	1050	992	94.5	10 - 228
2-Butanone	50.0	41.6	83.3	58 - 147
2-Hexanone	50.0	51.6	103	70 - 139
4-Methyl-2-pentanone	50.0	53.6	107	72 - 132
Acetone	50.0	41.6	83.2	36 - 155
Acrolein	50.0	43.2	86.4	10 - 238
Acrylonitrile	50.0	47.9	95.8	66 - 141
Benzene	50.0	42.6	85.2	77 - 127
Bromochloromethane	50.0	46.4	92.8	74 - 129
Bromodichloromethane	50.0	44.2	88.4	81 - 124
Bromoform	50.0	44.9	89.8	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50430	Laboratory ID:	BE50430-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	46.9	93.7	32 - 177
Carbon disulfide	50.0	44.4	88.9	10 - 136
Carbon tetrachloride	50.0	40.5	81.1	66 - 143
Chlorobenzene	50.0	46.4	92.7	86 - 120
Chloroethane	50.0	54.1	108	51 - 142
Chloroform	50.0	41.6	83.2	76 - 131
Chloromethane	50.0	43.7	87.5	49 - 132
cis-1,2-Dichloroethylene	50.0	43.4	86.7	74 - 132
cis-1,3-Dichloropropylene	50.0	46.3	92.7	81 - 129
Cyclohexane	50.0	41.2	82.4	70 - 130
Dibromochloromethane	50.0	45.8	91.6	10 - 200
Dibromomethane	50.0	45.5	91.0	83 - 124
Dichlorodifluoromethane	50.0	38.3	76.7	28 - 158
Ethyl Benzene	50.0	47.4	94.8	84 - 125
Hexachlorobutadiene	50.0	43.6	87.3	83 - 133
Isopropylbenzene	50.0	53.5	107	81 - 127
Methyl acetate	50.0	66.4	133	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	41.0	81.9	74 - 131
Methylcyclohexane	50.0	46.7	93.3	70 - 130
Methylene chloride	50.0	40.2	80.5	57 - 141
n-Butylbenzene	50.0	49.2	98.4	80 - 130
n-Propylbenzene	50.0	53.1	106	74 - 136
o-Xylene	50.0	48.1	96.2	83 - 123
p- & m- Xylenes	100	93.2	93.2	82 - 128
p-Isopropyltoluene	50.0	49.3	98.5	85 - 125
sec-Butylbenzene	50.0	50.9	102	83 - 125
Styrene	50.0	45.8	91.5	86 - 126
tert-Butyl alcohol (TBA)	250	223	89.1	70 - 130
tert-Butylbenzene	50.0	43.4	86.7	80 - 127
Tetrachloroethylene	50.0	34.4	68.8 *	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50430	Laboratory ID:	BE50430-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	46.0	92.1	85 - 121
trans-1,2-Dichloroethylene	50.0	42.8	85.6	72 - 132
trans-1,3-Dichloropropylene	50.0	46.2	92.3	78 - 132
Trichloroethylene	50.0	46.6	93.2	84 - 123
Trichlorofluoromethane	50.0	46.3	92.7	62 - 140
Vinyl Chloride	50.0	44.6	89.2	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50430	Laboratory ID:	BE50430-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	45.6	91.1	4.03	30	75 - 129
1,1,1-Trichloroethane	50.0	42.7	85.5	2.34	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	59.3	119	1.67	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	50.0	48.0	96.1	3.60	30	58 - 146
1,1,2-Trichloroethane	50.0	47.2	94.5	3.23	30	83 - 123
1,1-Dichloroethane	50.0	44.6	89.1	3.82	30	75 - 130
1,1-Dichloroethylene	50.0	50.2	100	3.96	30	64 - 137
1,2,3-Trichlorobenzene	50.0	46.8	93.6	4.88	30	81 - 140
1,2,3-Trichloropropane	50.0	54.3	109	0.332	30	81 - 126
1,2,4-Trichlorobenzene	50.0	48.6	97.3	5.36	30	80 - 141
1,2,4-Trimethylbenzene	50.0	54.4	109	3.17	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	48.5	97.1	5.55	30	74 - 142
1,2-Dibromoethane	50.0	48.7	97.3	2.52	30	86 - 123
1,2-Dichlorobenzene	50.0	49.9	99.8	2.85	30	85 - 122
1,2-Dichloroethane	50.0	44.8	89.6	2.83	30	71 - 133
1,2-Dichloropropane	50.0	49.4	98.8	3.36	30	81 - 122
1,3,5-Trimethylbenzene	50.0	53.2	106	2.17	30	82 - 126
1,3-Dichlorobenzene	50.0	50.3	101	3.62	30	84 - 124
1,4-Dichlorobenzene	50.0	49.8	99.7	2.99	30	84 - 124
1,4-Dioxane	1050	1040	99.3	5.00	30	10 - 228
2-Butanone	50.0	42.8	85.6	2.68	30	58 - 147
2-Hexanone	50.0	52.1	104	1.00	30	70 - 139
4-Methyl-2-pentanone	50.0	55.3	111	3.12	30	72 - 132
Acetone	50.0	40.9	81.8	1.70	30	36 - 155
Acrolein	50.0	57.7	115	28.8	30	10 - 238
Acrylonitrile	50.0	48.9	97.8	2.00	30	66 - 141
Benzene	50.0	44.0	88.0	3.26	30	77 - 127
Bromochloromethane	50.0	48.0	96.1	3.47	30	74 - 129
Bromodichloromethane	50.0	45.8	91.6	3.56	30	81 - 124
Bromoform	50.0	47.0	94.1	4.63	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50430
Laboratory ID: BE50430-BSD1
Preparation: EPA 5035A
Initial/Final: 5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	46.6	93.2	0.599	30	32 - 177
Carbon disulfide	50.0	46.0	91.9	3.41	30	10 - 136
Carbon tetrachloride	50.0	41.6	83.2	2.61	30	66 - 143
Chlorobenzene	50.0	47.9	95.7	3.16	30	86 - 120
Chloroethane	50.0	54.8	110	1.38	30	51 - 142
Chloroform	50.0	43.0	85.9	3.17	30	76 - 131
Chloromethane	50.0	36.2	72.3	19.0	30	49 - 132
cis-1,2-Dichloroethylene	50.0	44.8	89.5	3.20	30	74 - 132
cis-1,3-Dichloropropylene	50.0	47.9	95.8	3.33	30	81 - 129
Cyclohexane	50.0	45.2	90.3	9.15	30	70 - 130
Dibromochloromethane	50.0	46.9	93.9	2.48	30	10 - 200
Dibromomethane	50.0	46.5	93.0	2.17	30	83 - 124
Dichlorodifluoromethane	50.0	24.0	47.9	46.2 *	30	28 - 158
Ethyl Benzene	50.0	48.7	97.5	2.77	30	84 - 125
Hexachlorobutadiene	50.0	46.2	92.5	5.76	30	83 - 133
Isopropylbenzene	50.0	54.4	109	1.76	30	81 - 127
Methyl acetate	50.0	69.6	139	4.68	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	42.6	85.3	4.04	30	74 - 131
Methylcyclohexane	50.0	49.7	99.4	6.31	30	70 - 130
Methylene chloride	50.0	42.1	84.3	4.56	30	57 - 141
n-Butylbenzene	50.0	51.5	103	4.65	30	80 - 130
n-Propylbenzene	50.0	54.4	109	2.31	30	74 - 136
o-Xylene	50.0	50.1	100	4.09	30	83 - 123
p- & m- Xylenes	100	96.3	96.3	3.29	30	82 - 128
p-Isopropyltoluene	50.0	50.7	101	2.94	30	85 - 125
sec-Butylbenzene	50.0	52.6	105	3.15	30	83 - 125
Styrene	50.0	47.6	95.1	3.88	30	86 - 126
tert-Butyl alcohol (TBA)	250	234	93.4	4.75	30	70 - 130
tert-Butylbenzene	50.0	44.7	89.3	2.98	30	80 - 127
Tetrachloroethylene	50.0	35.1	70.2 *	1.99	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50430	Laboratory ID:	BE50430-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	47.6	95.1	3.25	30	85 - 121
trans-1,2-Dichloroethylene	50.0	44.1	88.2	3.04	30	72 - 132
trans-1,3-Dichloropropylene	50.0	47.3	94.5	2.35	30	78 - 132
Trichloroethylene	50.0	48.1	96.1	3.13	30	84 - 123
Trichlorofluoromethane	50.0	48.0	96.1	3.60	30	62 - 140
Vinyl Chloride	50.0	39.8	79.7	11.3	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50434	Laboratory ID:	BE50434-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	39.2	78.3	75 - 129
1,1,1-Trichloroethane	50.0	47.4	94.9	71 - 137
1,1,2,2-Tetrachloroethane	50.0	43.9	87.8	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	35.5	71.0	58 - 146
1,1,2-Trichloroethane	50.0	44.0	87.9	83 - 123
1,1-Dichloroethane	50.0	45.7	91.3	75 - 130
1,1-Dichloroethylene	50.0	39.3	78.6	64 - 137
1,2,3-Trichlorobenzene	50.0	50.2	100	81 - 140
1,2,3-Trichloropropane	50.0	45.0	90.0	81 - 126
1,2,4-Trichlorobenzene	50.0	50.9	102	80 - 141
1,2,4-Trimethylbenzene	50.0	41.5	83.0 *	84 - 125
1,2-Dibromo-3-chloropropane	50.0	46.9	93.7	74 - 142
1,2-Dibromoethane	50.0	46.7	93.5	86 - 123
1,2-Dichlorobenzene	50.0	43.3	86.6	85 - 122
1,2-Dichloroethane	50.0	44.0	88.0	71 - 133
1,2-Dichloropropane	50.0	43.8	87.7	81 - 122
1,3,5-Trimethylbenzene	50.0	43.2	86.4	82 - 126
1,3-Dichlorobenzene	50.0	39.8	79.7 *	84 - 124
1,4-Dichlorobenzene	50.0	46.5	93.0	84 - 124
1,4-Dioxane	1050	983	93.6	10 - 228
2-Butanone	50.0	46.7	93.4	58 - 147
2-Hexanone	50.0	45.1	90.1	70 - 139
4-Methyl-2-pentanone	50.0	45.2	90.3	72 - 132
Acetone	50.0	36.4	72.9	36 - 155
Acrolein	50.0	38.1	76.3	10 - 238
Acrylonitrile	50.0	48.1	96.3	66 - 141
Benzene	50.0	42.6	85.3	77 - 127
Bromochloromethane	50.0	44.5	88.9	74 - 129
Bromodichloromethane	50.0	42.6	85.2	81 - 124
Bromoform	50.0	43.9	87.9	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50434	Laboratory ID:	BE50434-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	35.8	71.6	32 - 177
Carbon disulfide	50.0	39.5	79.0	10 - 136
Carbon tetrachloride	50.0	46.8	93.6	66 - 143
Chlorobenzene	50.0	42.9	85.8 *	86 - 120
Chloroethane	50.0	37.7	75.4	51 - 142
Chloroform	50.0	43.5	87.0	76 - 131
Chloromethane	50.0	36.8	73.6	49 - 132
cis-1,2-Dichloroethylene	50.0	46.3	92.7	74 - 132
cis-1,3-Dichloropropylene	50.0	43.3	86.6	81 - 129
Cyclohexane	50.0	42.2	84.3	70 - 130
Dibromochloromethane	50.0	43.9	87.8	10 - 200
Dibromomethane	50.0	43.6	87.1	83 - 124
Dichlorodifluoromethane	50.0	37.5	74.9	28 - 158
Ethyl Benzene	50.0	41.9	83.8 *	84 - 125
Hexachlorobutadiene	50.0	50.5	101	83 - 133
Isopropylbenzene	50.0	44.8	89.7	81 - 127
Methyl acetate	50.0	63.0	126	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	49.3	98.6	74 - 131
Methylcyclohexane	50.0	44.8	89.5	70 - 130
Methylene chloride	50.0	50.1	100	57 - 141
n-Butylbenzene	50.0	40.8	81.6	80 - 130
n-Propylbenzene	50.0	43.2	86.4	74 - 136
o-Xylene	50.0	42.4	84.8	83 - 123
p- & m- Xylenes	100	85.8	85.8	82 - 128
p-Isopropyltoluene	50.0	40.4	80.8 *	85 - 125
sec-Butylbenzene	50.0	44.4	88.8	83 - 125
Styrene	50.0	40.4	80.8 *	86 - 126
tert-Butyl alcohol (TBA)	250	278	111	70 - 130
tert-Butylbenzene	50.0	44.6	89.2	80 - 127
Tetrachloroethylene	50.0	39.6	79.2 *	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50434	Laboratory ID:	BE50434-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	43.0	85.9	85 - 121
trans-1,2-Dichloroethylene	50.0	45.4	90.8	72 - 132
trans-1,3-Dichloropropylene	50.0	41.5	82.9	78 - 132
Trichloroethylene	50.0	47.7	95.4	84 - 123
Trichlorofluoromethane	50.0	39.3	78.6	62 - 140
Vinyl Chloride	50.0	35.9	71.8	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50434	Laboratory ID:	BE50434-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	39.4	78.7	0.484	30	75 - 129
1,1,1-Trichloroethane	50.0	46.5	93.0	2.02	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	43.9	87.8	0.0228	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	39.2	78.3	9.77	30	58 - 146
1,1,2-Trichloroethane	50.0	44.4	88.8	0.973	30	83 - 123
1,1-Dichloroethane	50.0	42.1	84.2	8.11	30	75 - 130
1,1-Dichloroethylene	50.0	37.3	74.6	5.17	30	64 - 137
1,2,3-Trichlorobenzene	50.0	54.4	109	8.06	30	81 - 140
1,2,3-Trichloropropane	50.0	44.7	89.4	0.624	30	81 - 126
1,2,4-Trichlorobenzene	50.0	59.1	118	15.1	30	80 - 141
1,2,4-Trimethylbenzene	50.0	43.1	86.2	3.78	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	43.8	87.6	6.80	30	74 - 142
1,2-Dibromoethane	50.0	47.3	94.5	1.15	30	86 - 123
1,2-Dichlorobenzene	50.0	45.1	90.2	4.09	30	85 - 122
1,2-Dichloroethane	50.0	42.7	85.4	2.95	30	71 - 133
1,2-Dichloropropane	50.0	42.7	85.5	2.59	30	81 - 122
1,3,5-Trimethylbenzene	50.0	45.0	90.1	4.17	30	82 - 126
1,3-Dichlorobenzene	50.0	43.1	86.1	7.79	30	84 - 124
1,4-Dichlorobenzene	50.0	49.9	99.8	7.06	30	84 - 124
1,4-Dioxane	1050	1080	103	9.27	30	10 - 228
2-Butanone	50.0	44.5	88.9	4.89	30	58 - 147
2-Hexanone	50.0	43.3	86.7	3.91	30	70 - 139
4-Methyl-2-pentanone	50.0	44.3	88.6	1.94	30	72 - 132
Acetone	50.0	32.8	65.6	10.5	30	36 - 155
Acrolein	50.0	36.0	72.1	5.64	30	10 - 238
Acrylonitrile	50.0	45.6	91.3	5.35	30	66 - 141
Benzene	50.0	43.6	87.1	2.13	30	77 - 127
Bromochloromethane	50.0	44.3	88.7	0.293	30	74 - 129
Bromodichloromethane	50.0	41.5	83.1	2.52	30	81 - 124
Bromoform	50.0	46.2	92.5	5.08	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50434	Laboratory ID:	BE50434-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	34.8	69.6		2.83	30	32 - 177
Carbon disulfide	50.0	38.2	76.4		3.40	30	10 - 136
Carbon tetrachloride	50.0	46.4	92.9		0.751	30	66 - 143
Chlorobenzene	50.0	44.3	88.6		3.28	30	86 - 120
Chloroethane	50.0	36.7	73.4		2.64	30	51 - 142
Chloroform	50.0	43.6	87.2		0.161	30	76 - 131
Chloromethane	50.0	33.5	67.0		9.50	30	49 - 132
cis-1,2-Dichloroethylene	50.0	43.7	87.4		5.82	30	74 - 132
cis-1,3-Dichloropropylene	50.0	43.0	85.9		0.811	30	81 - 129
Cyclohexane	50.0	42.8	85.6		1.46	30	70 - 130
Dibromochloromethane	50.0	44.9	89.7		2.21	30	10 - 200
Dibromomethane	50.0	43.1	86.2		1.08	30	83 - 124
Dichlorodifluoromethane	50.0	32.5	65.1		14.1	30	28 - 158
Ethyl Benzene	50.0	41.9	83.9	*	0.0477	30	84 - 125
Hexachlorobutadiene	50.0	54.1	108		6.89	30	83 - 133
Isopropylbenzene	50.0	45.4	90.8		1.22	30	81 - 127
Methyl acetate	50.0	60.6	121		3.79	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	45.0	90.0		9.14	30	74 - 131
Methylcyclohexane	50.0	44.6	89.2		0.425	30	70 - 130
Methylene chloride	50.0	43.6	87.3		13.9	30	57 - 141
n-Butylbenzene	50.0	43.4	86.8		6.15	30	80 - 130
n-Propylbenzene	50.0	44.2	88.5		2.33	30	74 - 136
o-Xylene	50.0	42.8	85.7		1.06	30	83 - 123
p- & m- Xylenes	100	85.8	85.8		0.0117	30	82 - 128
p-Isopropyltoluene	50.0	42.2	84.3	*	4.26	30	85 - 125
sec-Butylbenzene	50.0	44.6	89.3		0.494	30	83 - 125
Styrene	50.0	41.8	83.6	*	3.33	30	86 - 126
tert-Butyl alcohol (TBA)	250	259	104		7.08	30	70 - 130
tert-Butylbenzene	50.0	44.0	88.1		1.20	30	80 - 127
Tetrachloroethylene	50.0	43.3	86.5		8.88	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50434	Laboratory ID:	BE50434-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	43.4	86.8	0.950	30	85 - 121
trans-1,2-Dichloroethylene	50.0	43.0	85.9	5.46	30	72 - 132
trans-1,3-Dichloropropylene	50.0	41.1	82.3	0.799	30	78 - 132
Trichloroethylene	50.0	46.5	93.0	2.50	30	84 - 123
Trichlorofluoromethane	50.0	36.1	72.1	8.62	30	62 - 140
Vinyl Chloride	50.0	34.8	69.5	3.17	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51000	Laboratory ID:	BE51000-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	11.1	111	82 - 126
1,1,1-Trichloroethane	10.0	11.1	111	78 - 136
1,1,2,2-Tetrachloroethane	10.0	11.6	116	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.3	113	54 - 165
1,1,2-Trichloroethane	10.0	10.8	108	82 - 123
1,1-Dichloroethane	10.0	11.3	113	82 - 129
1,1-Dichloroethylene	10.0	12.4	124	68 - 138
1,2,3-Trichlorobenzene	10.0	7.95	79.5	76 - 136
1,2,3-Trichloropropane	10.0	10.8	108	77 - 128
1,2,4-Trichlorobenzene	10.0	8.23	82.3	76 - 137
1,2,4-Trimethylbenzene	10.0	11.3	113	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.1	101	45 - 147
1,2-Dibromoethane	10.0	10.6	106	83 - 124
1,2-Dichlorobenzene	10.0	10.5	105	79 - 123
1,2-Dichloroethane	10.0	11.8	118	73 - 132
1,2-Dichloropropane	10.0	11.3	113	78 - 126
1,3,5-Trimethylbenzene	10.0	14.2	142 *	80 - 131
1,3-Dichlorobenzene	10.0	10.7	107	86 - 122
1,3-Dichloropropane	10.0	11.1	111	81 - 125
1,4-Dichlorobenzene	10.0	10.4	104	85 - 124
1,4-Dioxane	210	0.00	0 *	10 - 349
2-Butanone	10.0	11.8	118	49 - 152
2-Hexanone	10.0	9.42	94.2	51 - 146
4-Methyl-2-pentanone	10.0	10.5	105	57 - 145
Acetone	10.0	8.79	87.9	14 - 150
Acrolein	10.0	9.12	91.2	10 - 153
Acrylonitrile	10.0	11.6	116	51 - 150
Benzene	10.0	11.1	111	85 - 126
Bromochloromethane	10.0	11.8	118	77 - 128
Bromodichloromethane	10.0	11.4	114	79 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51000	Laboratory ID:	BE51000-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	8.38	83.8	78 - 133
Bromomethane	10.0	10.5	105	43 - 168
Carbon disulfide	10.0	11.9	119	68 - 146
Carbon tetrachloride	10.0	11.6	116	77 - 141
Chlorobenzene	10.0	10.7	107	88 - 120
Chloroethane	10.0	8.30	83.0	65 - 136
Chloroform	10.0	11.0	110	82 - 128
Chloromethane	10.0	8.31	83.1	43 - 155
cis-1,2-Dichloroethylene	10.0	11.2	112	83 - 129
cis-1,3-Dichloropropylene	10.0	10.3	103	80 - 131
Cyclohexane	10.0	6.13	61.3 *	63 - 149
Dibromochloromethane	10.0	10.8	108	80 - 130
Dibromomethane	10.0	10.9	109	72 - 134
Dichlorodifluoromethane	10.0	6.57	65.7	44 - 144
Ethyl Benzene	10.0	11.6	116	80 - 131
Hexachlorobutadiene	10.0	8.35	83.5	67 - 146
Isopropylbenzene	10.0	11.4	114	76 - 140
Methyl acetate	10.0	7.92	79.2	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	10.1	101	76 - 135
Methylcyclohexane	10.0	10.9	109	72 - 143
Methylene chloride	10.0	11.7	117	55 - 137
Naphthalene	10.0	8.08	80.8	70 - 147
n-Butylbenzene	10.0	11.6	116	79 - 132
n-Propylbenzene	10.0	11.8	118	78 - 133
o-Xylene	10.0	11.5	115	78 - 130
p- & m- Xylenes	20.0	23.3	116	77 - 133
p-Diethylbenzene	10.0	11.6	116	84 - 134
p-Ethyltoluene	10.0	14.2	142 *	88 - 129
p-Isopropyltoluene	10.0	12.0	120	81 - 136
sec-Butylbenzene	10.0	11.3	113	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51000	Laboratory ID:	BE51000-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Styrene	10.0	12.0	120	67 - 132
tert-Butyl alcohol (TBA)	50.0	39.4	78.9	25 - 162
tert-Butylbenzene	10.0	9.96	99.6	77 - 138
Tetrachloroethylene	10.0	9.84	98.4	82 - 131
Toluene	10.0	10.7	107	80 - 127
trans-1,2-Dichloroethylene	10.0	11.6	116	80 - 132
trans-1,3-Dichloropropylene	10.0	10.8	108	78 - 131
Trichloroethylene	10.0	10.9	109	82 - 128
Trichlorofluoromethane	10.0	9.24	92.4	67 - 139
Vinyl Chloride	10.0	7.86	78.6	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51000	Laboratory ID:	BE51000-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.5	105	5.39	30	82 - 126
1,1,1-Trichloroethane	10.0	10.1	101	9.37	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	11.5	115	1.56	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.2	102	10.4	30	54 - 165
1,1,2-Trichloroethane	10.0	10.7	107	0.841	30	82 - 123
1,1-Dichloroethane	10.0	10.6	106	6.42	30	82 - 129
1,1-Dichloroethylene	10.0	11.1	111	11.0	30	68 - 138
1,2,3-Trichlorobenzene	10.0	7.65	76.5	3.85	30	76 - 136
1,2,3-Trichloropropane	10.0	11.0	110	1.65	30	77 - 128
1,2,4-Trichlorobenzene	10.0	7.77	77.7	5.75	30	76 - 137
1,2,4-Trimethylbenzene	10.0	10.5	105	7.43	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.98	99.8	1.29	30	45 - 147
1,2-Dibromoethane	10.0	10.5	105	1.23	30	83 - 124
1,2-Dichlorobenzene	10.0	10.2	102	3.77	30	79 - 123
1,2-Dichloroethane	10.0	11.6	116	1.88	30	73 - 132
1,2-Dichloropropane	10.0	10.7	107	5.19	30	78 - 126
1,3,5-Trimethylbenzene	10.0	12.9	129	9.40	30	80 - 131
1,3-Dichlorobenzene	10.0	9.91	99.1	7.39	30	86 - 122
1,3-Dichloropropane	10.0	10.8	108	2.55	30	81 - 125
1,4-Dichlorobenzene	10.0	9.89	98.9	4.93	30	85 - 124
1,4-Dioxane	210	0.00	0 *		30	10 - 349
2-Butanone	10.0	12.1	121	2.77	30	49 - 152
2-Hexanone	10.0	9.32	93.2	1.07	30	51 - 146
4-Methyl-2-pentanone	10.0	10.9	109	4.20	30	57 - 145
Acetone	10.0	8.70	87.0	1.03	30	14 - 150
Acrolein	10.0	9.49	94.9	3.98	30	10 - 153
Acrylonitrile	10.0	11.5	115	0.950	30	51 - 150
Benzene	10.0	10.4	104	6.14	30	85 - 126
Bromochloromethane	10.0	11.6	116	2.05	30	77 - 128
Bromodichloromethane	10.0	11.0	110	3.40	30	79 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51000	Laboratory ID:	BE51000-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	10.0	8.40	84.0		0.238	30	78 - 133
Bromomethane	10.0	9.74	97.4		7.70	30	43 - 168
Carbon disulfide	10.0	10.6	106		10.8	30	68 - 146
Carbon tetrachloride	10.0	10.4	104		10.3	30	77 - 141
Chlorobenzene	10.0	10.2	102		4.40	30	88 - 120
Chloroethane	10.0	7.58	75.8		9.07	30	65 - 136
Chloroform	10.0	10.4	104		6.17	30	82 - 128
Chloromethane	10.0	7.35	73.5		12.3	30	43 - 155
cis-1,2-Dichloroethylene	10.0	10.6	106		6.05	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.0	100		2.94	30	80 - 131
Cyclohexane	10.0	5.41	54.1	*	12.5	30	63 - 149
Dibromochloromethane	10.0	10.5	105		2.07	30	80 - 130
Dibromomethane	10.0	10.6	106		2.60	30	72 - 134
Dichlorodifluoromethane	10.0	5.69	56.9		14.4	30	44 - 144
Ethyl Benzene	10.0	10.7	107		8.59	30	80 - 131
Hexachlorobutadiene	10.0	7.59	75.9		9.54	30	67 - 146
Isopropylbenzene	10.0	10.4	104		8.54	30	76 - 140
Methyl acetate	10.0	7.70	77.0		2.82	30	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	9.91	99.1		1.50	30	76 - 135
Methylcyclohexane	10.0	9.51	95.1		13.8	30	72 - 143
Methylene chloride	10.0	11.2	112		4.54	30	55 - 137
Naphthalene	10.0	7.94	79.4		1.75	30	70 - 147
n-Butylbenzene	10.0	10.4	104		10.4	30	79 - 132
n-Propylbenzene	10.0	10.6	106		10.8	30	78 - 133
o-Xylene	10.0	10.7	107		7.40	30	78 - 130
p- & m- Xylenes	20.0	21.4	107		8.59	30	77 - 133
p-Diethylbenzene	10.0	10.4	104		10.9	30	84 - 134
p-Ethyltoluene	10.0	12.9	129		9.40	30	88 - 129
p-Isopropyltoluene	10.0	10.8	108		10.4	30	81 - 136
sec-Butylbenzene	10.0	10.2	102		10.4	30	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51000	Laboratory ID:	BE51000-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Styrene	10.0	11.3	113	6.61	30	67 - 132
tert-Butyl alcohol (TBA)	50.0	39.2	78.3	0.687	30	25 - 162
tert-Butylbenzene	10.0	9.09	90.9	9.13	30	77 - 138
Tetrachloroethylene	10.0	8.79	87.9	11.3	30	82 - 131
Toluene	10.0	9.93	99.3	7.09	30	80 - 127
trans-1,2-Dichloroethylene	10.0	10.6	106	9.02	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.5	105	2.90	30	78 - 131
Trichloroethylene	10.0	10.0	100	8.40	30	82 - 128
Trichlorofluoromethane	10.0	8.21	82.1	11.8	30	67 - 139
Vinyl Chloride	10.0	6.88	68.8	13.3	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0127
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50434-BLK1	File ID:	V31904879.D
Prepared:	05/08/25 08:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/08/25 18:10	Instrument:	VOA No. 3		
Batch:	BE50434	Sequence:	S5E0846	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0050	U
71-55-6	1,1,1-Trichloroethane	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U
75-35-4	1,1-Dichloroethylene	0.0050	U
87-61-6	1,2,3-Trichlorobenzene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U
120-82-1	1,2,4-Trichlorobenzene	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0050	U
96-12-8	1,2-Dibromo-3-chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.0050	U
107-06-2	1,2-Dichloroethane	0.0050	U
78-87-5	1,2-Dichloropropane	0.0050	U
108-67-8	1,3,5-Trimethylbenzene	0.0050	U
541-73-1	1,3-Dichlorobenzene	0.0050	U
106-46-7	1,4-Dichlorobenzene	0.0050	U
123-91-1	1,4-Dioxane	0.10	U
78-93-3	2-Butanone	0.0050	U
591-78-6	2-Hexanone	0.0050	U
108-10-1	4-Methyl-2-pentanone	0.0050	U
67-64-1	Acetone	0.010	U
107-02-8	Acrolein	0.010	U
107-13-1	Acrylonitrile	0.0050	U
71-43-2	Benzene	0.0050	U
74-97-5	Bromochloromethane	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U
75-25-2	Bromoform	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0127
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50434-BLK1	File ID:	V31904879.D
Prepared:	05/08/25 08:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/08/25 18:10	Instrument:	VOA No. 3		
Batch:	BE50434	Sequence:	S5E0846	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
74-83-9	Bromomethane	0.0050	U
75-15-0	Carbon disulfide	0.0050	U
56-23-5	Carbon tetrachloride	0.0050	U
108-90-7	Chlorobenzene	0.0050	U
75-00-3	Chloroethane	0.0050	U
67-66-3	Chloroform	0.0050	U
74-87-3	Chloromethane	0.0050	U
156-59-2	cis-1,2-Dichloroethylene	0.0050	U
10061-01-5	cis-1,3-Dichloropropylene	0.0050	U
110-82-7	Cyclohexane	0.0050	U
124-48-1	Dibromochloromethane	0.0050	U
74-95-3	Dibromomethane	0.0050	U
75-71-8	Dichlorodifluoromethane	0.0050	U
100-41-4	Ethyl Benzene	0.0050	U
87-68-3	Hexachlorobutadiene	0.0050	U
98-82-8	Isopropylbenzene	0.0050	U
79-20-9	Methyl acetate	0.0050	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.0050	U
108-87-2	Methylcyclohexane	0.0050	U
75-09-2	Methylene chloride	0.011	
104-51-8	n-Butylbenzene	0.0050	U
103-65-1	n-Propylbenzene	0.0050	U
95-47-6	o-Xylene	0.0050	U
179601-23-1	p- & m- Xylenes	0.010	U
99-87-6	p-Isopropyltoluene	0.0050	U
135-98-8	sec-Butylbenzene	0.0050	U
100-42-5	Styrene	0.0050	U
75-65-0	tert-Butyl alcohol (TBA)	0.0050	U
98-06-6	tert-Butylbenzene	0.0050	U
127-18-4	Tetrachloroethylene	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0127
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50434-BLK1	File ID:	V31904879.D
Prepared:	05/08/25 08:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/08/25 18:10	Instrument:	VOA No. 3		
Batch:	BE50434	Sequence:	S5E0846	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
108-88-3	Toluene	0.0050	U
156-60-5	trans-1,2-Dichloroethylene	0.0050	U
10061-02-6	trans-1,3-Dichloropropylene	0.0050	U
79-01-6	Trichloroethylene	0.0050	U
75-69-4	Trichlorofluoromethane	0.0050	U
75-01-4	Vinyl Chloride	0.0050	U
1330-20-7	Xylenes, Total	0.015	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.5	101	77 - 125	
SURR: p-Bromofluorobenzene	50.0	57.2	114	76 - 130	
SURR: Toluene-d8	50.0	54.7	109	85 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	218591	12.177	291602	12.177	
ISTD: Chlorobenzene-d5	583645	9.18	659479	9.18	
ISTD: Fluorobenzene	180022	6.132	179494	6.132	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50005
Instrument: QVOA9
Calibration Date: 05/05/25 19:38

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.201591	7.770978	9.113	1.004369E-02			20	
1,1,1-Trichloroethane	0.2726656	5.293717	5.335143	7.181798E-03			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.38353	5.620703	10.40057	9.33026E-03			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.1758374	4.965696	3.169429	0.045707			SPCC (0.1)	
1,1,2-Trichloroethane	0.118043	4.627565	7.967143	9.70329E-03			SPCC (0.1)	
1,1-Dichloroethane	0.281138	2.885317	4.307	1.985735E-02			SPCC (0.2)	
1,1-Dichloroethylene	0.2006172	4.67243	3.150857	4.772411E-02			SPCC (0.1)	
1,1-Dichloropropylene	0.2253507	3.912755	5.486714	7.581831E-03			20	
1,2,3-Trichlorobenzene	0.3204009	9.53973	14.393	1.969937E-02			20	
1,2,3-Trichloropropane	0.1271674	2.998747	10.46414	1.350474E-02			20	
1,2,3-Trimethylbenzene	4.263007	7.425968	11.63171	1.913792E-02			20	
1,2,4,5-Tetramethylbenzene	2.557416	10.32661	12.853	7.225707E-03			20	
1,2,4-Trichlorobenzene	0.4920398	9.991066	13.84229	8.583096E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	3.755549	3.817374	11.16843	2.026356E-03			20	
1,2-Dibromo-3-chloropropane	5.185736E-02	12.07437	12.879	1.759819E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1005892	7.918008	8.498286	0.0201374			SPCC (0.1)	
1,2-Dichlorobenzene	1.42959	3.101581	12.00457	3.925163E-03			SPCC (0.4)	
1,2-Dichloroethane	0.1219907	2.383368	5.694286	2.747672E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2011258	1.850055	6.527	2.232923E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	4.050032	4.791243	10.68257	4.810992E-03			20	
1,3-Dichlorobenzene	1.861821	2.436596	11.49	9.791477E-03			SPCC (0.6)	
1,3-Dichloropropane	0.1990487	3.162326	8.137	1.120433E-02			20	
1,4-Dichlorobenzene	1.768536	2.715509	11.604	1.082434E-02			SPCC (0.5)	
1,4-Dioxane							20	
2,2-Dichloropropane	0.2396799	5.922535	4.856	1.832801E-02			20	
2-Butanone	1.315142E-02	8.357481	4.814571	6.624905E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	1.727824E-03	54.64869	7.039286	2.810584E-02			20	*
2-Chlorotoluene	1.174	3.805805	10.64871	9.750269E-03			20	
2-Hexanone	2.594569E-02	12.81632	8.178714	1.931902E-02			SPCC (0.1)	
4-Chlorotoluene	1.144334	3.45175	10.781	0.0185515			20	
4-Methyl-2-pentanone	3.988739E-02	15.58393	7.332857	2.182381E-02			SPCC (0.1)	
Acetone	0.0148985	31.46764	3.165	5.150916E-02		0.9983449	SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50005
Instrument: QVOA9
Calibration Date: 05/05/25 19:38

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acrolein	5.567854E-03	8.331808	3.025429	8.967447E-02			20	
Acrylonitrile	1.238428E-02	9.377599	3.817571	3.963754E-02			20	
Allyl chloride	0.1607862	4.953852	3.502	7.083298E-03			20	
Benzene	0.7131856	3.525751	5.667	1.066104E-02			SPCC (0.5)	
Bromobenzene	1.474907	3.332231	10.43443	1.704015E-02			20	
Bromochloromethane	7.130628E-02	4.762292	5.062857	3.198868E-02			20	
Bromodichloromethane	0.2300191	11.94954	6.779572	0.0150407			SPCC (0.2)	
Bromoform	5.000508E-02	24.38868	9.894143	1.515469E-02		0.999298	SPCC (0.1)	
Bromomethane	5.104234E-02	31.9254	2.249	7.910097E-02		0.9989672	SPCC (0.1)	
Carbon disulfide	0.3687983	2.72412	3.38	2.129429E-02			SPCC (0.1)	
Carbon tetrachloride	0.2370248	7.057614	5.496286	3.381881E-02			SPCC (0.1)	
Chlorobenzene	0.6879178	3.199835	9.025143	1.074837E-02			SPCC (0.5)	
Chlorodifluoromethane (Freon 22)							20	
Chloroethane	8.007131E-02	6.373109	2.363	2.218745E-02			SPCC (0.1)	
Chloroform	0.2946003	3.01396	5.157571	1.743765E-02			SPCC (0.2)	
Chloromethane	9.172879E-02	3.851044	1.792571	6.475771E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	0.2288359	3.171387	4.845714	3.218592E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.2744965	13.52563	7.207428	1.337913E-02			SPCC (0.2)	
cis-decahydronaphthalene							20	
Cyclohexane	0.5640902	5.439584	5.434	1.235411E-02			SPCC (0.1)	
Dibromochloromethane	0.1266619	19.37686	8.371571	8.304582E-03			SPCC (0.1)	
Dibromomethane	7.696482E-02	4.826599	6.614	1.778551E-02			20	
Dichlorodifluoromethane	0.1445148	9.204134	1.604	8.570163E-03			SPCC (0.1)	
Diisopropyl ether (DIPE)	0.32679	4.6589	4.353429	2.428206E-02			20	
Ethanol	8.000234E-04	2.703022	2.915857	5.002072E-02			20	
Ethyl Benzene	1.837273	6.070901	9.266143	2.365153E-02			SPCC (0.1)	
Ethyl Ether							20	
Ethyl Methacrylate	0.1111002	17.16394	7.822571	1.849084E-02			20	
Ethyl tert-butyl ether (ETBE)	0.2977981	7.198766	4.696857	3.755998E-02			20	
Hexachlorobutadiene	0.2022027	8.047216	14.02357	1.073442E-02			20	
Hexachloroethane	0.5320815	15.23097	12.33557	1.658438E-02			20	
Iodomethane	0.113234	37.177	3.290714	3.591225E-02		0.9983533	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0127

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SE50005 Instrument: QVOA9

Calibration Date: 05/05/25 19:38

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	5.084377	4.67752	10.08486	1.711388E-02			SPCC (0.1)	
Limonene							20	
Methyl acetate	3.747937E-02	2.936997	3.483571	6.208807E-02			SPCC (0.1)	
Methyl Methacrylate	2.517445E-02	15.19099	6.57	1.575019E-02			20	
Methyl tert-butyl ether (MTBE)	0.2373003	5.373412	3.899143	5.795623E-02			SPCC (0.1)	
Methylcyclohexane	0.4907376	3.623001	6.547	1.350263E-02			SPCC (0.1)	
Methylene chloride	0.1314	4.297928	3.621857	3.535074E-02			SPCC (0.1)	
Naphthalene	0.8052536	12.89573	14.132	9.500738E-03			20	
n-butyl acetate							20	
n-Butylbenzene	3.677275	3.900095	11.99	2.350338E-02			20	
n-Decane							20	
n-Hexane							20	
Nitrobenzene	0.1889554	6.090694	12.85214	0.0123769			20	
n-Nonane							20	
n-octane							20	
n-Propylbenzene	5.597052	4.868002	10.54643	0.0192882			20	
n-undecane							20	
o-Xylene	0.9034278	4.88112	9.683	1.283233E-02			SPCC (0.3)	
p- & m- Xylenes	0.9186363	6.07091	9.266143	2.365153E-02			SPCC (0.1)	
p-Diethylbenzene	2.020765	7.243946	11.961	2.001695E-02			20	
p-Ethyltoluene	4.050032	4.791243	10.68257	4.810992E-03			20	
p-Isopropyltoluene	4.024686	5.303193	11.52843	2.018214E-02			20	
sec-Butylbenzene	4.757777	4.221918	11.35529	1.305812E-02			20	
Styrene	0.6107431	9.846223	9.698285	1.441768E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	0.1251855	1.150826	5.62	1.280689E-02			20	
SURR: p-Bromofluorobenzene	1.626125	1.634596	10.27543	6.575641E-03			20	
SURR: Toluene-d8	1.374702	0.9452271	7.488571	6.980302E-03			20	
tert-Amyl alcohol (TAA)	1.697752E-03	16.54615	5.649857	5.111452E-02			20	
tert-Amyl methyl ether (TAME)	0.2568347	9.414175	5.792428	3.861738E-03			20	
tert-Butyl alcohol (TBA)	2.932622E-03	16.68953	3.718571	0.1659102			20	
tert-Butylbenzene	3.912407	3.411032	11.10229	2.212865E-02			20	
Tetrachloroethylene	0.3161655	2.628288	8.105428	1.287086E-02			SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50005
Instrument: QVOA9
Calibration Date: 05/05/25 19:38

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	8.501422E-03	5.674278	5.101714	7.432034E-02			20	
Toluene	1.159886	9.004431	7.558429	1.310074E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	0.2039742	3.626892	3.903	4.515456E-03			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.1842564	17.48063	7.768	2.632762E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	4.438484E-02	44.30523	10.441	1.495305E-02		0.9991222	0.99	
trans-decahydronaphthalene							20	
Trichloroethylene	0.2616287	2.579212	6.297857	1.354166E-02			SPCC (0.2)	
Trichlorofluoromethane	0.2191213	8.354995	2.633857	5.231399E-02			SPCC (0.1)	
Vinyl acetate	7.632092E-02	9.6079	4.299286	3.849735E-02			20	
Vinyl Chloride	0.1357382	7.788739	1.905714	6.655164E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2152805	23.53426	9.293428	2.166128E-02		0.9992838	0.99	
1,1,1-Trichloroethane	1.148025	10.18036	5.516167	4.955129E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5049268	8.776378	10.617	2.440592E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.204106	14.0246	3.296	9.225994E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1797938	6.164384	8.172714	2.966677E-02			SPCC (0.1)	
1,1-Dichloroethane	1.674656	7.980267	4.493286	3.560229E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.568151	7.933548	3.315428	5.513168E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.346188	14.75364	5.669286	1.168399E-02			20	
1,2,3-Trichlorobenzene	0.4345849	28.19924	14.6	0.0202292		0.9999597	0.99	
1,2,3-Trichloropropane	0.1333695	10.4536	10.669	2.492312E-02			20	
1,2,3-Trimethylbenzene	1.98604	15.3771	11.79914	1.536822E-02		0.9996954	0.99	
1,2,4,5-Tetramethylbenzene	1.689902	31.90639	12.98943	9.827251E-03		0.9998888	0.99	
1,2,4-Trichlorobenzene	0.4821056	36.12883	14.029	1.097435E-02		0.9999425	SPCC (0.2)	
1,2,4-Trimethylbenzene	2.127011	19.97827	11.314	1.591285E-02		0.9992412	0.99	
1,2-Dibromo-3-chloropropane	6.074129E-02	19.36275	13.10057	3.532306E-02		0.9997099	SPCC (0.05)	
1,2-Dibromoethane	0.1566649	11.28042	8.719286	2.594811E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.021587	9.411168	12.19686	2.811354E-02			SPCC (0.4)	
1,2-Dichloroethane	0.9588114	2.535974	5.907	3.022801E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2480015	4.419208	6.716429	2.702294E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.163343	13.68821	10.88657	1.828378E-02			20	
1,3-Dichlorobenzene	1.188635	17.13588	11.66743	1.174525E-02		0.9984721	SPCC (0.6)	
1,3-Dichloropropane	0.3173446	6.526003	8.343143	3.198223E-02			20	
1,4-Dichlorobenzene	1.053534	17.80918	11.768	1.997912E-02		0.9998754	SPCC (0.5)	
1,4-Dioxane	1.484578E-03	27.42674	6.846143	3.754513E-02		0.999718	0.99	
2,2-Dichloropropane	1.188475	22.71865	5.036429	3.398576E-02		0.9999651	0.99	
2-Butanone	8.469989E-02	28.70439	5.055	3.560174E-02		0.9998339	SPCC (0.1)	
2-Chloroethylvinyl ether	6.178585E-02	16.69237	7.247714	3.119138E-02		0.9999127	0.99	
2-Chlorotoluene	2.270612	10.40802	10.82343	1.294704E-02			20	
2-Hexanone	8.264891E-02	22.22132	8.387143	2.710616E-02		0.999821	SPCC (0.1)	
2-Nitropropane	2.929392E-02	24.01759	7.21	4.199584E-02		0.9998541	0.99	
4-Chlorotoluene	1.834339	8.984864	10.94186	1.480685E-02			20	
4-Methyl-2-pentanone	0.1141953	22.37749	7.541	2.529449E-02		0.9996875	SPCC (0.1)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.2317549	13.90344	3.386286	7.160947E-02			SPCC (0.1)	
Acrolein	0.1346983	6.719795	3.232286	0.0720173			20	
Acrylonitrile	0.2287738	10.1466	4.072571	0.0776474			20	
Allyl chloride	1.187369	12.0705	3.686429	9.249116E-03			20	
Benzene	4.101272	9.330942	5.875429	1.798749E-02			SPCC (0.5)	
Bromobenzene	0.9579632	8.895121	10.62486	2.041472E-02			20	
Bromochloromethane	0.6291648	2.88067	5.290143	3.214336E-02			20	
Bromodichloromethane	0.2752001	11.01803	6.991429	2.035524E-02			SPCC (0.2)	
Bromoform	7.550714E-02	27.76927	10.126	2.292785E-02		0.9996292	SPCC (0.1)	
Bromomethane	0.9319408	13.81485	2.384	0.1125705			SPCC (0.1)	
Carbon disulfide	3.249382	7.965981	3.554143	3.848769E-02			SPCC (0.1)	
Carbon tetrachloride	1.071329	23.14336	5.672857	2.939861E-02		0.9999659	SPCC (0.1)	
Chlorobenzene	0.7020082	9.942478	9.211143	1.197346E-02			SPCC (0.5)	
Chloroethane	0.8219206	9.869331	2.5	6.176324E-02			SPCC (0.1)	
Chloroform	1.504637	7.191094	5.355429	2.320304E-02			SPCC (0.2)	
Chloromethane	1.12893	6.297399	1.892571	6.211819E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.415098	11.13807	5.052429	0.0523336			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3473293	20.47961	7.415857	0.0125713		0.9998636	SPCC (0.2)	
cis-decahydronaphthalene	0.3904576	17.48407	12.7698	2.437058E-02			20	
Cyclohexane	1.614443	17.46152	5.557714	0.0440853		0.9997852	SPCC (0.1)	
Dibromochloromethane	0.160162	19.09661	8.593429	1.818693E-02		0.9998569	SPCC (0.1)	
Dibromomethane	0.1221349	7.064565	6.85	1.846922E-02			20	
Dichlorodifluoromethane	0.7537147	3.215865	1.682857	8.828588E-02			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.14316	13.70883	4.5075	3.156282E-02			20	
Ethanol	5.97553E-03	4.833001	3.011167	6.484142E-02			20	
Ethyl Benzene	1.269525	16.47638	9.298143	2.098651E-02		0.9997338	SPCC (0.1)	
Ethyl Ether	0.6907483	5.03263	3.0702	2.709435E-02			20	
Ethyl Methacrylate	0.2179799	25.59831	8.010286	2.791806E-02		0.9995473	0.99	
Ethyl tert-butyl ether (ETBE)	1.752369	20.71583	4.853167	3.924696E-02		0.9995143	0.99	
Hexachlorobutadiene	0.2947372	28.06457	14.18914	2.213529E-02		0.9998905	0.99	
Hexachloroethane	0.3870946	24.08237	12.47157	1.285549E-02		0.999664	0.99	
Iodomethane	0.8076757	24.7202	3.488571	4.954129E-02		0.9991614	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0127

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SE50010 Instrument: VOA No. 3

Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	2.467639	23.05527	10.24386	0.020598		0.9997847	SPCC (0.1)	
Limonene	0.5454457	22.00639	11.6	1.919746E-02	0.99712		0.99	
Methyl acetate	0.3786168	7.803655	3.7044	6.118531E-02			SPCC (0.1)	
Methyl Methacrylate	0.1108728	20.28413	6.780429	1.840642E-02		0.9998226	0.99	
Methyl tert-butyl ether (MTBE)	1.652811	21.30583	4.059857	3.345353E-02		0.9997438	SPCC (0.1)	
Methylcyclohexane	0.4998991	20.92013	6.650571	2.699197E-02		0.9998903	SPCC (0.1)	
Methylene chloride	1.145734	13.16311	3.822429	0.0466847			SPCC (0.1)	
Naphthalene	1.01996	33.96707	14.32	0.0236625		0.9997671	0.99	
n-butyl acetate	8.316515E-02	25.47255	8.49	1.697155E-02	0.99726		0.99	
n-Butylbenzene	3.008152	10.98297	12.12471	2.166234E-02			20	
n-Decane	1.1283	3.603148	10.836	2.110303E-02			20	
n-Hexane	1.357208	10.17282	4.3012	3.652193E-02			20	
Nitrobenzene	1.566084E-02	33.03505	13.342	9.144699E-03		0.9999037	0.99	
n-Nonane	0.4169293	9.238274	9.3766	2.213854E-02			20	
n-octane	0.2872014	8.108407	7.7828	2.716484E-02			20	
n-Propylbenzene	3.282471	12.494	10.69843	1.596521E-02			20	
n-undecane	1.041801	13.94241	12.1764	1.020477E-02			20	
o-Xylene	0.8980704	24.10605	9.857	2.553265E-02		0.9997169	SPCC (0.3)	
p- & m- Xylenes	1.001163	10.66304	9.417571	2.652885E-02			SPCC (0.1)	
p-Diethylbenzene	1.36418	25.95655	12.09486	1.451068E-02		0.9999808	0.99	
p-Ethyltoluene	2.624067	17.63629	10.82214	1.776569E-02		0.9995799	0.99	
p-Isopropyltoluene	2.545543	19.1297	11.65686	6.746805E-03		0.9994185	0.99	
sec-Butylbenzene	2.829732	18.71045	11.50043	1.019667E-02		0.9998234	0.99	
Styrene	0.7291689	25.63337	9.875429	2.950136E-02		0.9996248	SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.095279	0.5000652	5.836	2.407198E-02			20	
SURR: p-Bromofluorobenzene	1.048003	6.154725	10.44757	1.705966E-02			20	
SURR: Toluene-d8	1.461961	2.571923	7.670286	2.665847E-02			20	
tert-Amyl alcohol (TAA)	3.396096E-02	32.79675	5.8655	0.0313023		0.9994983	0.99	
tert-Amyl methyl ether (TAME)	1.678164	21.53541	5.9395	1.098205E-02		0.9995597	0.99	
tert-Butyl alcohol (TBA)	3.043614E-02	19.9886	3.94	8.875457E-02		0.9996065	0.99	
tert-Butylbenzene	1.731803	25.18325	11.25514	5.466366E-03		0.9997294	0.99	
Tetrachloroethylene	0.2712653	22.49908	8.301428	9.475652E-03		0.999945	SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.1337406	19.75142	5.331	7.931604E-02		0.9999046	0.99	
Toluene	1.187486	9.539273	7.738143	0.0229169			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.339901	8.345819	4.078	4.506116E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2879705	19.27122	7.972143	2.447255E-02		0.9997084	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5442103	12.54113	10.66857	1.994402E-02			20	
trans-decahydronaphthalene	0.3904576	17.48407	12.7698	2.437058E-02			20	
Trichloroethylene	0.2563991	15.28645	6.487143	2.005009E-02		0.9999599	SPCC (0.2)	
Trichlorofluoromethane	1.829268	6.767099	2.769	6.231771E-02			SPCC (0.1)	
Vinyl acetate	2.037477	10.35259	4.514143	1.618564E-02			20	
Vinyl Chloride	1.356017	8.177435	2.015	0.01356			SPCC (0.1)	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	MS VOA 2	Calibration:	SE50009
Lab File ID:	V2-635000.D	Calibration Date:	05/07/25 17:24
Sequence:	S5E0844	Injection Date:	05/08/25
Lab Sample ID:	S5E0844-CCV1	Injection Time:	08:51

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	49.0	0.2020298	0.1979696		-2.0	20	
1,1,1-Trichloroethane	A	50.0	45.6	1.349213	1.229707	0.1	-8.9	20	
1,1,2,2-Tetrachloroethane	A	50.0	59.0	0.6865077	0.8107979	0.3	18.1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	48.5	1.289803	1.250326	0.1	-3.1	20	
1,1,2-Trichloroethane	A	50.0	50.1	0.2318572	0.2323528	0.1	0.2	20	
1,1-Dichloroethane	A	50.0	47.7	1.824732	1.739775	0.2	-4.7	20	
1,1-Dichloroethylene	A	50.0	53.2	1.480798	1.575181	0.1	6.4	20	
1,2,3-Trichlorobenzene	A	50.0	50.3	0.5630103	0.5452177		0.7	20	
1,2,3-Trichloropropane	A	50.0	55.3	0.2035089	0.225014		10.6	20	
1,2,4-Trichlorobenzene	A	50.0	51.6	0.5884608	0.5660414	0.2	3.2	20	
1,2,4-Trimethylbenzene	A	50.0	54.2	1.777385	1.927815		8.5	20	
1,2-Dibromo-3-chloropropane	A	50.0	48.5	0.1052256	0.1112956	0.05	-3.0	20	
1,2-Dibromoethane	A	50.0	49.8	0.2112806	0.2102996	0.1	-0.5	20	
1,2-Dichlorobenzene	A	50.0	50.6	0.9821317	0.9934162	0.4	1.1	20	
1,2-Dichloroethane	A	50.0	46.4	1.23084	1.140988	0.1	-7.3	20	
1,2-Dichloropropane	A	50.0	51.5	0.2730497	0.2811413	0.1	3.0	20	
1,3,5-Trimethylbenzene	A	50.0	54.2	1.88787	2.046146		8.4	20	
1,3-Dichlorobenzene	A	50.0	51.7	1.016993	1.051142	0.6	3.4	20	
1,4-Dichlorobenzene	A	50.0	50.6	1.019262	1.030414	0.5	1.1	20	
1,4-Dioxane	A	1000	1050	2.565219E-03	2.792958E-03		5.0	20	
2-Butanone	A	50.0	54.1	0.2065112	0.2234168	0.1	8.2	20	
2-Hexanone	A	50.0	62.7	0.1870886	0.2344591	0.1	25.3	20	*
4-Methyl-2-pentanone	A	50.0	56.3	0.2528548	0.2846905	0.1	12.6	20	
Acetone	A	50.0	70.7	0.4159018	0.5252312	0.1	41.3	20	*
Acrolein	A	50.0	52.5	0.2124334	0.2229874		5.0	20	
Acrylonitrile	A	50.0	49.3	0.3564262	0.351132		-1.5	20	
Benzene	A	50.0	45.9	4.384694	4.022384	0.5	-8.3	20	
Bromochloromethane	A	50.0	49.2	0.7928461	0.7804053		-1.6	20	
Bromodichloromethane	A	50.0	49.9	0.3141792	0.313824	0.2	-0.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	MS VOA 2	Calibration:	SE50009
Lab File ID:	V2-635000.D	Calibration Date:	05/07/25 17:24
Sequence:	S5E0844	Injection Date:	05/08/25
Lab Sample ID:	S5E0844-CCV1	Injection Time:	08:51

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Bromoform	A	50.0	48.2	0.1167496	0.1124242	0.1	-3.7	20
Bromomethane	A	50.0	49.7	0.6614614	0.6571442	0.1	-0.7	20
Carbon disulfide	A	50.0	52.1	3.572523	3.725036	0.1	4.3	20
Carbon tetrachloride	A	50.0	44.0	1.095404	0.9646829	0.1	-11.9	20
Chlorobenzene	A	50.0	48.8	0.6765453	0.6600324	0.5	-2.4	20
Chloroethane	A	50.0	56.3	0.3987433	0.4488489	0.1	12.6	20
Chloroform	A	50.0	45.8	1.683649	1.542249	0.2	-8.4	20
Chloromethane	A	50.0	51.0	0.6970632	0.7103674	0.1	1.9	20
cis-1,2-Dichloroethylene	A	50.0	47.3	1.386581	1.311552	0.1	-5.4	20
cis-1,3-Dichloropropylene	A	50.0	50.7	0.4330217	0.4390086	0.2	1.4	20
Cyclohexane	A	50.0	47.8	1.802769	1.723479	0.1	-4.4	20
Dibromochloromethane	A	50.0	49.3	0.2050248	0.202272	0.1	-1.3	20
Dibromomethane	A	50.0	49.2	0.15058	0.1480692		-1.7	20
Dichlorodifluoromethane	A	50.0	43.4	0.6039915	0.5243726	0.1	-13.2	20
Ethyl Benzene	A	50.0	50.7	1.145057	1.160561	0.1	1.4	20
Hexachlorobutadiene	A	50.0	50.1	0.2673613	0.2681261		0.3	20
Isopropylbenzene	A	50.0	55.8	2.439538	2.721959	0.1	11.6	20
Methyl acetate	A	50.0	50.7	0.739294	0.7495125	0.1	1.4	20
Methyl tert-butyl ether (MTBE)	A	50.0	45.3	2.964433	2.686391	0.1	-9.4	20
Methylcyclohexane	A	50.0	50.8	0.5192121	0.4941423	0.1	1.6	20
Methylene chloride	A	50.0	45.3	1.262801	1.144351	0.1	-9.4	20
n-Butylbenzene	A	50.0	54.8	1.964509	2.152377		9.6	20
n-Propylbenzene	A	50.0	56.3	3.031998	3.413003		12.6	20
o-Xylene	A	50.0	51.3	0.8016749	0.8220114	0.3	2.5	20
p- & m- Xylenes	A	100	101	0.8698718	0.8744135	0.1	0.5	20
p-Isopropyltoluene	A	50.0	53.2	2.005788	2.132763		6.3	20
sec-Butylbenzene	A	50.0	54.7	2.593513	2.836362		9.4	20
Styrene	A	50.0	51.4	0.6486735	0.6664819	0.3	2.7	20
tert-Butyl alcohol (TBA)	A	300	234	9.229323E-02	8.968312E-02		-2.8	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	MS VOA 2	Calibration:	SE50009
Lab File ID:	V2-635000.D	Calibration Date:	05/07/25 17:24
Sequence:	S5E0844	Injection Date:	05/08/25
Lab Sample ID:	S5E0844-CCV1	Injection Time:	08:51

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	50.0	54.2	1.821405	1.975645		8.5	20
Tetrachloroethylene	A	50.0	44.2	0.3198867	0.2681054	0.2	-11.6	20
Toluene	A	50.0	49.1	1.141485	1.120504	0.4	-1.8	20
trans-1,2-Dichloroethylene	A	50.0	46.9	1.447329	1.356934	0.1	-6.2	20
trans-1,3-Dichloropropylene	A	50.0	51.4	0.3874378	0.3986243	0.1	2.9	20
Trichloroethylene	A	50.0	50.6	0.2839066	0.2663919	0.2	1.2	20
Trichlorofluoromethane	A	50.0	48.5	1.289803	1.250326	0.1	-3.1	20
Vinyl Chloride	A	50.0	48.1	1.107927	1.064874	0.1	-3.9	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31904876.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E0846	Injection Date:	05/08/25
Lab Sample ID:	S5E0846-CCV1	Injection Time:	16:51

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	50.0	44.4	0.2152805	0.197794		-11.3	20
1,1,1-Trichloroethane	A	50.0	52.0	1.148025	1.19443	0.1	4.0	20
1,1,2,2-Tetrachloroethane	A	50.0	45.7	0.5049268	0.4613206	0.3	-8.6	20
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	46.1	1.204106	1.126723	0.1	-6.4	20
1,1,2-Trichloroethane	A	50.0	47.4	0.1797938	0.1705301	0.1	-5.2	20
1,1-Dichloroethane	A	50.0	47.9	1.674656	1.603753	0.2	-4.2	20
1,1-Dichloroethylene	A	50.0	44.6	1.568151	1.39832	0.1	-10.8	20
1,2,3-Trichlorobenzene	A	50.0	53.5	0.4345849	0.4122983		7.0	20
1,2,3-Trichloropropane	A	50.0	46.0	0.1333695	0.1228387		-7.9	20
1,2,4-Trichlorobenzene	A	50.0	54.2	0.4821056	0.4423495	0.2	8.3	20
1,2,4-Trimethylbenzene	A	50.0	43.9	2.127011	1.915175		-12.3	20
1,2-Dibromo-3-chloropropane	A	50.0	47.7	6.074129E-02	6.057572E-02	0.05	-4.5	20
1,2-Dibromoethane	A	50.0	50.5	0.1566649	0.1582173	0.1	1.0	20
1,2-Dichlorobenzene	A	50.0	45.0	1.021587	0.9187557	0.4	-10.1	20
1,2-Dichloroethane	A	50.0	48.4	0.9588114	0.9290283	0.1	-3.1	20
1,2-Dichloropropane	A	50.0	48.1	0.2480015	0.238417	0.1	-3.9	20
1,3,5-Trimethylbenzene	A	50.0	45.1	2.163343	1.950223		-9.9	20
1,3-Dichlorobenzene	A	50.0	41.9	1.188635	1.019365	0.6	-16.2	20
1,4-Dichlorobenzene	A	50.0	48.3	1.053534	0.930412	0.5	-3.3	20
1,4-Dioxane	A	1000	959	1.484578E-03	1.522111E-03		-4.1	20
2-Butanone	A	50.0	55.5	8.469989E-02	9.787514E-02	0.1	11.1	20
2-Hexanone	A	50.0	52.3	8.264891E-02	9.733138E-02	0.1	4.6	20
4-Methyl-2-pentanone	A	50.0	48.3	0.1141953	0.1259707	0.1	-3.5	20
Acetone	A	50.0	55.7	0.2317549	0.2583429	0.1	11.5	20
Acrolein	A	50.0	44.2	0.1346983	0.1189845		-11.7	20
Acrylonitrile	A	50.0	47.1	0.2287738	0.2156952		-5.7	20
Benzene	A	50.0	46.2	4.101272	3.790923	0.5	-7.6	20
Bromochloromethane	A	50.0	47.7	0.6291648	0.6003042		-4.6	20
Bromodichloromethane	A	50.0	48.8	0.2752001	0.2686136	0.2	-2.4	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31904876.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E0846	Injection Date:	05/08/25
Lab Sample ID:	S5E0846-CCV1	Injection Time:	16:51

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	47.2	7.550714E-02	7.668781E-02	0.1	-5.6	20	
Bromomethane	A	50.0	32.9	0.9319408	0.6130121	0.1	-34.2	20	*
Carbon disulfide	A	50.0	43.1	3.249382	2.802188	0.1	-13.8	20	
Carbon tetrachloride	A	50.0	50.8	1.071329	0.9843783	0.1	1.6	20	
Chlorobenzene	A	50.0	45.2	0.7020082	0.6339095	0.5	-9.7	20	
Chloroethane	A	50.0	39.2	0.8219206	0.634829	0.1	-22.8	20	*
Chloroform	A	50.0	47.9	1.504637	1.442221	0.2	-4.1	20	
Chloromethane	A	50.0	40.3	1.12893	0.9106043	0.1	-19.3	20	
cis-1,2-Dichloroethylene	A	50.0	48.7	1.415098	1.377244	0.1	-2.7	20	
cis-1,3-Dichloropropylene	A	50.0	48.4	0.3473293	0.3619554	0.2	-3.3	20	
Cyclohexane	A	50.0	46.6	1.614443	1.493989	0.1	-6.8	20	
Dibromochloromethane	A	50.0	47.7	0.160162	0.1592515	0.1	-4.6	20	
Dibromomethane	A	50.0	47.4	0.1221349	0.1157368		-5.2	20	
Dichlorodifluoromethane	A	50.0	40.7	0.7537147	0.6140484	0.1	-18.5	20	
Ethyl Benzene	A	50.0	44.6	1.269525	1.186456	0.1	-10.8	20	
Hexachlorobutadiene	A	50.0	54.8	0.2947372	0.258575		9.7	20	
Isopropylbenzene	A	50.0	46.9	2.467639	2.380399	0.1	-6.2	20	
Methyl acetate	A	50.0	46.5	0.3786168	0.3575496	0.1	-5.6	20	
Methyl tert-butyl ether (MTBE)	A	50.0	52.6	1.652811	1.88808	0.1	5.3	20	
Methylcyclohexane	A	50.0	49.6	0.4998991	0.4817348	0.1	-0.7	20	
Methylene chloride	A	50.0	54.7	1.145734	1.253786	0.1	9.4	20	
n-Butylbenzene	A	50.0	43.1	3.008152	2.593892		-13.8	20	
n-Propylbenzene	A	50.0	45.1	3.282471	2.960467		-9.8	20	
o-Xylene	A	50.0	45.5	0.8980704	0.8787876	0.3	-9.0	20	
p- & m- Xylenes	A	100	92.5	1.001163	0.9259529	0.1	-7.5	20	
p-Isopropyltoluene	A	50.0	43.1	2.545543	2.250448		-13.8	20	
sec-Butylbenzene	A	50.0	46.2	2.829732	2.617242		-7.5	20	
Styrene	A	50.0	44.7	0.7291689	0.6966378	0.3	-10.7	20	
tert-Butyl alcohol (TBA)	A	300	270	3.043614E-02	0.03755		-10.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31904876.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E0846	Injection Date:	05/08/25
Lab Sample ID:	S5E0846-CCV1	Injection Time:	16:51

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	46.9	1.731803	1.640781		-6.1	20	
Tetrachloroethylene	A	50.0	50.3	0.2712653	0.2608847	0.2	0.5	20	
Toluene	A	50.0	46.1	1.187486	1.093903	0.4	-7.9	20	
trans-1,2-Dichloroethylene	A	50.0	47.0	1.339901	1.259067	0.1	-6.0	20	
trans-1,3-Dichloropropylene	A	50.0	47.8	0.2879705	0.2998185	0.1	-4.4	20	
Trichloroethylene	A	50.0	51.0	0.2563991	0.2443444	0.2	2.0	20	
Trichlorofluoromethane	A	50.0	41.2	1.829268	1.509048	0.1	-17.5	20	
Vinyl Chloride	A	50.0	39.4	1.356017	1.068281	0.1	-21.2	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	QVOA9	Calibration:	SE50005
Lab File ID:	QV935584.D	Calibration Date:	05/05/25 19:38
Sequence:	S5E1409	Injection Date:	05/10/25
Lab Sample ID:	S5E1409-CCV1	Injection Time:	02:00

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.92	0.201591	0.2000233		-0.8	20	
1,1,1-Trichloroethane	A	10.0	10.2	0.2726656	0.277979	0.1	1.9	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.2	0.38353	0.3928568	0.3	2.4	20	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	10.0	9.44	0.1758374	0.1659308	0.1	-5.6	20	
1,1,2-Trichloroethane	A	10.0	9.80	0.118043	0.1157314	0.1	-2.0	20	
1,1-Dichloroethane	A	10.0	10.3	0.281138	0.2901535	0.2	3.2	20	
1,1-Dichloroethylene	A	10.0	10.4	0.2006172	0.2090162	0.1	4.2	20	
1,2,3-Trichlorobenzene	A	10.0	6.66	0.3204009	0.2134207		-33.4	20	*
1,2,3-Trichloropropane	A	10.0	10.1	0.1271674	0.1279806		0.6	20	
1,2,4-Trichlorobenzene	A	10.0	6.82	0.4920398	0.3355541	0.2	-31.8	20	*
1,2,4-Trimethylbenzene	A	10.0	9.91	3.755549	3.722356		-0.9	20	
1,2-Dibromo-3-chloropropane	A	10.0	9.37	5.185736E-02	4.856477E-02	0.05	-6.3	20	
1,2-Dibromoethane	A	10.0	9.66	0.1005892	9.714457E-02	0.1	-3.4	20	
1,2-Dichlorobenzene	A	10.0	9.43	1.42959	1.347765	0.4	-5.7	20	
1,2-Dichloroethane	A	10.0	10.8	0.1219907	0.1323686	0.1	8.5	20	
1,2-Dichloropropane	A	10.0	10.1	0.2011258	0.2039421	0.1	1.4	20	
1,3,5-Trimethylbenzene	A	10.0	9.80	4.050032	3.967468		-2.0	20	
1,3-Dichlorobenzene	A	10.0	9.41	1.861821	1.751764	0.6	-5.9	20	
1,3-Dichloropropane	A	10.0	10.1	0.1990487	0.2012107		1.1	20	
1,4-Dichlorobenzene	A	10.0	9.29	1.768536	1.642682	0.5	-7.1	20	
1,4-Dioxane	A	200	0.00					20	
2-Butanone	A	10.0	10.8	1.315142E-02	1.422154E-02	0.1	8.1	20	
2-Hexanone	A	10.0	8.92	2.594569E-02	2.314435E-02	0.1	-10.8	20	
4-Methyl-2-pentanone	A	10.0	9.67	3.988739E-02	3.858553E-02	0.1	-3.3	20	
Acetone	A	10.0	8.46	0.0148985	1.045643E-02	0.1	-15.4	20	
Acrolein	A	10.0	8.83	5.567854E-03	4.919108E-03		-11.7	20	
Acrylonitrile	A	10.0	10.0	1.238428E-02	1.244331E-02		0.5	20	
Benzene	A	10.0	9.94	0.7131856	0.7089938	0.5	-0.6	20	
Bromochloromethane	A	10.0	11.0	7.130628E-02	7.872891E-02		10.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	QVOA9	Calibration:	SE50005
Lab File ID:	QV935584.D	Calibration Date:	05/05/25 19:38
Sequence:	S5E1409	Injection Date:	05/10/25
Lab Sample ID:	S5E1409-CCV1	Injection Time:	02:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromodichloromethane	A	10.0	10.2	0.2300191	0.2336755	0.2	1.6	20	
Bromoform	A	10.0	7.57	5.000508E-02	4.270005E-02	0.1	-24.3	20	*
Bromomethane	A	10.0	14.5	5.104234E-02	8.040926E-02	0.1	44.6	20	*
Carbon disulfide	A	10.0	9.50	0.3687983	0.3504545	0.1	-5.0	20	
Carbon tetrachloride	A	10.0	10.4	0.2370248	0.2463633	0.1	3.9	20	
Chlorobenzene	A	10.0	9.56	0.6879178	0.657325	0.5	-4.4	20	
Chloroethane	A	10.0	11.4	8.007131E-02	9.099019E-02	0.1	13.6	20	
Chloroform	A	10.0	9.99	0.2946003	0.2941608	0.2	-0.1	20	
Chloromethane	A	10.0	11.2	9.172879E-02	0.1028591	0.1	12.1	20	
cis-1,2-Dichloroethylene	A	10.0	10.2	0.2288359	0.2324354	0.1	1.6	20	
cis-1,3-Dichloropropylene	A	10.0	9.55	0.2744965	0.2621662	0.2	-4.5	20	
Cyclohexane	A	10.0	10.4	0.5640902	0.5882408	0.1	4.3	20	
Dibromochloromethane	A	10.0	9.55	0.1266619	0.1209661	0.1	-4.5	20	
Dibromomethane	A	10.0	10.0	7.696482E-02	7.695254E-02		-0.02	20	
Dichlorodifluoromethane	A	10.0	9.65	0.1445148	0.1394076	0.1	-3.5	20	
Ethyl Benzene	A	10.0	10.3	1.837273	1.892774	0.1	3.0	20	
Hexachlorobutadiene	A	10.0	7.12	0.2022027	0.1440693		-28.8	20	*
Isopropylbenzene	A	10.0	9.75	5.084377	4.955981	0.1	-2.5	20	
Methyl acetate	A	10.0	10.5	3.747937E-02	3.944903E-02	0.1	5.3	20	
Methyl tert-butyl ether (MTBE)	A	10.0	9.43	0.2373003	0.2238757	0.1	-5.7	20	
Methylcyclohexane	A	10.0	9.14	0.4907376	0.4486945	0.1	-8.6	20	
Methylene chloride	A	10.0	10.8	0.1314	0.1414091	0.1	7.6	20	
Naphthalene	A	10.0	6.85	0.8052536	0.5517289		-31.5	20	*
n-Butylbenzene	A	10.0	9.77	3.677275	3.592351		-2.3	20	
n-Propylbenzene	A	10.0	10.1	5.597052	5.633909		0.7	20	
o-Xylene	A	10.0	10.2	0.9034278	0.9255075	0.3	2.4	20	
p- & m- Xylenes	A	20.0	20.6	0.9186363	0.9463869	0.1	3.0	20	
p-Diethylbenzene	A	10.0	9.60	2.020765	1.939751		-4.0	20	
p-Ethyltoluene	A	10.0	9.80	4.050032	3.967468		-2.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	QVOA9	Calibration:	SE50005
Lab File ID:	QV935584.D	Calibration Date:	05/05/25 19:38
Sequence:	S5E1409	Injection Date:	05/10/25
Lab Sample ID:	S5E1409-CCV1	Injection Time:	02:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
p-Isopropyltoluene	A	10.0	9.86	4.024686	3.970131		-1.4	20	
sec-Butylbenzene	A	10.0	9.69	4.757777	4.612636		-3.1	20	
Styrene	A	10.0	10.2	0.6107431	0.6219908	0.3	1.8	20	
tert-Butyl alcohol (TBA)	A	10.0	9.16	2.932622E-03	2.687521E-03		-8.4	20	
tert-Butylbenzene	A	10.0	9.66	3.912407	3.779887		-3.4	20	
Tetrachloroethylene	A	10.0	8.77	0.3161655	0.2774309	0.2	-12.3	20	
Toluene	A	10.0	9.46	1.159886	1.097613	0.4	-5.4	20	
trans-1,2-Dichloroethylene	A	10.0	10.3	0.2039742	0.2104535	0.1	3.2	20	
trans-1,3-Dichloropropylene	A	10.0	9.88	0.1842564	0.1820128	0.1	-1.2	20	
Trichloroethylene	A	10.0	9.47	0.2616287	0.2477635	0.2	-5.3	20	
Trichlorofluoromethane	A	10.0	12.5	0.2191213	0.2740902	0.1	25.1	20	*
Vinyl Chloride	A	10.0	10.9	0.1357382	0.1482138	0.1	9.2	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles Data
for York Analytical Laboratories, Inc., SDG: 25E0127

9 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 2, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRF for hexachlorobenzene was below the method minimum, but not below 0.010 for BNA#10 on 04-23-25. The average RRF for hexachlorobenzene was below the method minimum, but not below 0.010 for BNA#1 on 05-08-25. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRF for target compounds were above the allowable minimum (0.010), as required.

The %RSDs for 4-nitrophenol and benzoic acid were above the allowable maximum (30%) forBNA#10 on 04-23-25. The %RSD for 2,4-dinitrophenol was above the allowable maximum (30%) for BNA #7 on 01-30-25. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 05-12-25 (BNA1-033026.D). The RRF for pentachlorophenol was below the method minimum, but not below 0.010 on 05-12-25 (E70359690a.D). The %Ds for bis(2-chloroethoxy)methane, bis(2-chloroethyl)ether, di-n-octyl phthalate, hexachlorocyclopentadiene, and isophorone were above the method maximum on 05-09-25 (SV1006470.D). The %Ds for 13 compounds (highlighted yellow on attached FORM VII) were above the method maximum on 05-12-25 (BNA1-033026.D). The %Ds for 7 compounds (marked with a red X on attached FORMVII) were above the method maximum on 05-12-25 (E70359690a.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

The %Ds for bis(2-chloroethoxy)methane, bis(2-chloroethyl)ether, di-n-octyl phthalate, hexachlorocyclopentadiene, isophorone, and pyridine were above the allowable maximum (20%) on 05-09-25 (SV1006470.D). The %Ds for 13 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 05-12-25 (BNA1-033026.D). The %Ds for 9 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 05-12-25 (E70359690a.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and field blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: One of three base/neutral surrogate recoveries for sample FB-1 was below control limits, but not below 10%. No action is taken on one surrogate recovery per fraction outside control limits, provided no recovery is less than 10%.

One of three acid extractable surrogate recoveries for samples 25SB-4 (3-5), 25SB-4 (11-13), 25SB-10 (0-2), 25SB-10 (2-4), and 25SB-10 (11-13) was below control limits and below 10%. Three of three acid extractable surrogate recoveries for sample 25SB-4 (0-2) were below control limits and below 10%. Positive results for acid extractable compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in these samples.

Matrix Spike/Matrix Spike Duplicate: This data is not usable due to the lab using different criteria to evaluate present recoveries for the MS and MSD and the horrible state of the relative percent differences.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for aqueous samples BE50624-BS1/BSD1.

The %Rs for 11 compounds (highlighted yellow on attached FORM III) were below QC limits, but not below 10% for soil sample BE50797-BS1. The %Rs for 13 compounds (highlighted yellow on attached FORM III) were below QC limits, but not below 10% for soil sample BE50802-BS1. The positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Field Duplicates: The relative percent differences for 11 compounds were above the allowable maximum (35%) for soil field duplicate pair 25SB-2 (0-2)/25-SB-DUP-1(0-2) (attached table). Positive results for these 11 compounds should be considered estimated (J) in samples 25SB-2 (0-2) and 25-SB-DUP-1(0-2).

Compound ID: Checked compound and surrogate results were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E0921
Instrument: BNA #10
Calibration: SD50040

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5E0921-CCV1)			Lab File ID: SV1006470.D		Analyzed: 05/09/25 10:51			
SURR: 2-Fluorophenol	30.0	82.8	0 - 200	4.206	4.18375	0.0223	+/-1.00	
SURR: Phenol-d6	30.0	82.3	0 - 200	4.979	4.9455	0.0335	+/-1.00	
SURR: Nitrobenzene-d5	30.0	78.3	0 - 200	5.722	5.701125	0.0209	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	101	0 - 200	7.342	7.309875	0.0321	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	123	0 - 200	9.287	9.224125	0.0629	+/-1.00	
SURR: Terphenyl-d14	30.0	120	0 - 200	12.783	12.70525	0.0778	+/-1.00	
FB-1 (25E0127-11)			Lab File ID: SV1006476.D		Analyzed: 05/09/25 13:34			
SURR: 2-Fluorophenol	50.0	20.6	19.7 - 63.1	4.212	4.18375	0.0282	+/-1.00	
SURR: Phenol-d6	50.0	11.8	10.1 - 41.7	4.979	4.9455	0.0335	+/-1.00	
SURR: Nitrobenzene-d5	25.0	35.5	50.2 - 113	5.717	5.701125	0.0159	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	40.2	39.9 - 105	7.336	7.309875	0.0261	+/-1.00	
SURR: 2,4,6-Tribromophenol	50.0	61.2	39.3 - 151	9.282	9.224125	0.0579	+/-1.00	
SURR: Terphenyl-d14	25.0	62.2	30.7 - 106	12.778	12.70525	0.0728	+/-1.00	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50040
Instrument: BNA #10
Calibration Date: 04/23/25 00:51

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5602392	6.959825	7.424	3.968008E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.5996894	9.948746	7.115	4.493707E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.3433762	6.476154	6.249	1.876531E-02			20	
1,2-Dichlorobenzene	1.395056	4.652639	5.385	1.586277E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.8005219	9.300406	9.077125	2.699853E-02			20	
1,3-Dichlorobenzene	1.487162	4.133544	5.202	1.890494E-02			20	
1,4-Dichlorobenzene	1.50019	3.118872	5.261	6.114646E-02			20	
1-Methylnaphthalene	0.5934855	6.133873	7.055	0.0367218			20	
2,3,4,6-Tetrachlorophenol	0.1388091	9.816208	8.538625	4.126231E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.368033	7.445913	7.29225	6.272658E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3349421	9.99393	7.236	4.584948E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2723559	11.38443	6.186	5.067294E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2894971	9.505491	6.00225	3.767708E-02			SPCC (0.2)	
2,4-Dinitrophenol	0.1378506	25.56489	8.1865	8.856597E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3755844	5.94913	8.344333	8.007069E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2800797	6.013442	7.832	6.263055E-02			SPCC (0.2)	
2-Chloronaphthalene	0.9799604	7.065014	7.459	4.439717E-02			SPCC (0.8)	
2-Chlorophenol	1.246005	8.330572	5.0805	5.232673E-02			SPCC (0.8)	
2-Methylnaphthalene	0.7209728	5.659688	6.954	0.0388785			SPCC (0.4)	
2-Methylphenol	1.189706	9.167581	5.44875	4.190228E-02			SPCC (0.7)	
2-Nitroaniline	0.3170047	5.985905	7.572833	3.561313E-02			SPCC (0.01)	
2-Nitrophenol	0.1733201	8.620289	5.97475	3.133694E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.705042	7.998937	5.5695	5.137773E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5122872	18.18953	14.84067	3.489864E-02			SPCC (0.01)	
3-Nitroaniline	0.2705393	5.832255	8.056	7.316936E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	0.1022856	18.36827	8.9195	8.019478E-02			SPCC (0.01)	
4-Bromophenyl phenyl ether	0.2076672	6.911617	9.571333	2.595293E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3681469	8.53359	6.8055	4.006628E-02			SPCC (0.2)	
4-Chloroaniline	0.3689368	6.804006	6.368	6.861292E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6974885	5.79191	8.833333	3.020917E-02			SPCC (0.4)	
4-Nitroaniline	0.2731229	8.329021	8.8955	0.1050421			SPCC (0.01)	
4-Nitrophenol	0.2520088	36.61938	8.28175	0.1553379			SPCC (0.01)	*

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0127

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SD50040 Instrument: BNA #10

Calibration Date: 04/23/25 00:51

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.134185	7.313457	8.150667	3.584899E-02			SPCC (0.9)	
Acenaphthylene	1.555556	5.750849	7.938	2.666573E-02			SPCC (0.9)	
Acetophenone	2.124414	6.20695	5.571	6.041652E-02			SPCC (0.01)	
Alpha Terpineol	0.3148176	8.488557	6.314667	4.861366E-02			20	
Aniline	2.274675	4.744744	4.979833	3.855602E-02			SPCC ()	
Anthracene	0.9930349	5.825332	10.217	2.886757E-02			SPCC (0.7)	
Atrazine	0.2230975	7.809859	9.774667	4.353983E-02			SPCC (0.01)	
Benzaldehyde	1.177478	7.374948	4.893	7.522242E-03			SPCC (0.01)	
Benzidine	0.539883	21.65622	12.236	2.644258E-02			20	*
Benzo(a)anthracene	1.182133	6.833421	14.81867	3.695927E-02			SPCC (0.8)	
Benzo(a)pyrene	0.9870305	8.055994	17.71667	3.540704E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.032496	7.749396	17.07867	3.872578E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	0.8907774	9.283085	20.20467	5.384013E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.055362	7.659789	17.13667	5.056558E-02			SPCC (0.7)	
Benzoic acid	0.2091588	34.49168	6.087833	0.3822566			20	*
Benzyl alcohol	0.9253622	7.269614	5.357	4.422917E-02			20	
Benzyl butyl phthalate	0.4632252	8.954019	13.776	2.973411E-02			20	
Bis(2-chloroethoxy)methane	0.4497025	7.350649	6.0725	3.090922E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.497132	5.659147	5.021	5.381649E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	0.4691608	4.656761	5.4545	0.0439543			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.6079131	8.093892	15.10383	2.154325E-02			20	
Caprolactam	0.1188525	11.48655	6.704	0.2633161			SPCC (0.01)	
Carbazole	0.8706964	6.410808	10.429	3.419603E-02			SPCC (0.01)	
Chrysene	1.084129	6.508447	14.89567	4.337145E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.9400838	10.37148	19.81867	3.561903E-02			SPCC (0.4)	
Dibenzofuran	1.533813	5.585532	8.373833	3.004399E-02			SPCC (0.8)	
Diethyl phthalate	1.215632	4.973734	8.6485	6.564868E-02			SPCC (0.01)	
Dimethyl phthalate	1.182675	4.940736	7.746	6.197961E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.005063	7.785107	10.937	2.918803E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.043691	8.969597	16.53217	1.716337E-02			SPCC (0.01)	
Diphenylamine	0.4182281	7.369974	9.014666	3.014497E-02			20	
Fluoranthene	1.146258	7.110394	11.945	0.0427281			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50040
Instrument: BNA #10
Calibration Date: 04/23/25 00:51

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.288486	5.133905	8.854167	3.321056E-02			SPCC (0.9)	
Hexachlorobenzene	8.707486E-02	6.745754	9.650667	3.048014E-02			SPCC (0.1)	
Hexachlorobutadiene	0.2407234	6.291118	6.415	1.693751E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.4336419	11.34611	7.097	3.282006E-02			SPCC (0.05)	
Hexachloroethane	0.6187877	3.538815	5.663333	4.502643E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	0.9284724	9.71511	19.7605	3.961808E-02			SPCC (0.5)	
Isophorone	0.9428982	6.447164	5.906667	6.794287E-02			SPCC (0.4)	
Naphthalene	0.9884005	6.913187	6.326	4.945902E-02			SPCC (0.7)	
Nitrobenzene	0.5691241	6.891764	5.718833	5.345033E-02			SPCC (0.2)	
N-Nitrosodimethylamine	1.045664	5.724536	3.0675	0.1139504			20	
N-nitroso-di-n-propylamine	1.415008	4.83185	5.566	8.931229E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.1578495	7.004236	9.014666	3.014497E-02			SPCC (0.01)	
Parathion	0.1294022	11.34121	11.2165	1.900786E-02			20	
Pentachloronitrobenzene	0.1209624	7.751465	9.905	2.006534E-02			20	
Pentachlorophenol	9.766033E-02	26.37594	9.89975	7.620575E-02			SPCC (0.05)	*
Phenanthrene	0.9833144	6.320705	10.154	3.337333E-02			SPCC (0.7)	
Phenol	2.043076	8.494374	4.957375	5.457388E-02			SPCC (0.8)	
Pyrene	1.263818	7.970573	12.3535	4.554827E-02			SPCC (0.6)	
Pyridine	1.777976	6.844939	3.100833	0.1361825			20	
SURR: 2,4,6-Tribromophenol	6.691123E-02	9.592715	9.224125	3.387291E-02			20	
SURR: 2-Fluorobiphenyl	1.254935	8.350699	7.309875	3.427582E-02			20	
SURR: 2-Fluorophenol	1.30877	9.054945	4.18375	5.161543E-02			20	
SURR: Nitrobenzene-d5	0.5251865	7.826764	5.701125	4.206083E-02			20	
SURR: Phenol-d6	1.886783	9.27597	4.9455	5.854612E-02			20	
SURR: Terphenyl-d14	0.9726167	10.24588	12.70525	2.720887E-02			20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #10	Calibration:	SD50040
Lab File ID:	SV1006470.D	Calibration Date:	04/23/25 00:51
Sequence:	S5E0921	Injection Date:	05/09/25
Lab Sample ID:	S5E0921-CCV1	Injection Time:	10:51

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	28.0	0.5602392	0.5234205	0.01	-6.6	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	31.2	0.5996894	0.6229344	0.01	3.9	20	
1,2,4-Trichlorobenzene	A	30.0	31.0	0.3433762	0.3541951		3.2	20	
1,2-Dichlorobenzene	A	30.0	29.6	1.395056	1.37901		-1.2	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	16.7	0.8005219	0.4465617		-44.2	20	*
1,3-Dichlorobenzene	A	30.0	28.9	1.487162	1.430747		-3.8	20	
1,4-Dichlorobenzene	A	30.0	30.1	1.50019	1.504412		0.3	20	
1-Methylnaphthalene	A	30.0	30.2	0.5934855	0.5980233		0.8	20	
2,3,4,6-Tetrachlorophenol	A	30.0	27.5	0.1388091	0.1272826	0.01	-8.3	20	
2,4,5-Trichlorophenol	A	30.0	34.5	0.368033	0.4228553	0.2	14.9	20	
2,4,6-Trichlorophenol	A	30.0	33.2	0.3349421	0.3705651	0.2	10.6	20	
2,4-Dichlorophenol	A	30.0	31.6	0.2723559	0.2868656	0.2	5.3	20	
2,4-Dimethylphenol	A	30.0	27.0	0.2894971	0.2609251	0.2	-9.9	20	
2,4-Dinitrophenol	A	30.0	33.8	0.1378506	0.1551871	0.01	12.6	20	
2,4-Dinitrotoluene	A	30.0	35.7	0.3755844	0.447494	0.2	19.1	20	
2,6-Dinitrotoluene	A	30.0	31.5	0.2800797	0.2943682	0.2	5.1	20	
2-Chloronaphthalene	A	30.0	28.9	0.9799604	0.9435216	0.8	-3.7	20	
2-Chlorophenol	A	30.0	28.4	1.246005	1.180263	0.8	-5.3	20	
2-Methylnaphthalene	A	30.0	29.0	0.7209728	0.6963976	0.4	-3.4	20	
2-Methylphenol	A	30.0	26.9	1.189706	1.065863	0.7	-10.4	20	
2-Nitroaniline	A	30.0	27.0	0.3170047	0.2849502	0.01	-10.1	20	
2-Nitrophenol	A	30.0	28.8	0.1733201	0.1666261	0.1	-3.9	20	
3- & 4-Methylphenols	A	30.0	28.1	1.705042	1.599186	0.6	-6.2	20	
3,3-Dichlorobenzidine	A	30.0	33.8	0.5122872	0.5765814	0.01	12.6	20	
3-Nitroaniline	A	30.0	28.4	0.2705393	0.2559652	0.01	-5.4	20	
4,6-Dinitro-2-methylphenol	A	30.0	28.2	0.1022856	9.607594E-02	0.01	-6.1	20	
4-Bromophenyl phenyl ether	A	30.0	31.4	0.2076672	0.2172995	0.1	4.6	20	
4-Chloro-3-methylphenol	A	30.0	26.7	0.3681469	0.3276927	0.2	-11.0	20	
4-Chloroaniline	A	30.0	29.3	0.3689368	0.3606233	0.01	-2.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #10	Calibration:	SD50040
Lab File ID:	SV1006470.D	Calibration Date:	04/23/25 00:51
Sequence:	S5E0921	Injection Date:	05/09/25
Lab Sample ID:	S5E0921-CCV1	Injection Time:	10:51

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	34.8	0.6974885	0.8090397	0.4	16.0	20	
4-Nitroaniline	A	30.0	28.3	0.2731229	0.2575106	0.01	-5.7	20	
4-Nitrophenol	A	30.0	35.3	0.2520088	0.2963665	0.01	17.6	20	
Acenaphthene	A	30.0	25.9	1.134185	0.9792367	0.9	-13.7	20	
Acenaphthylene	A	30.0	28.5	1.555556	1.478024	0.9	-5.0	20	
Acetophenone	A	30.0	28.7	2.124414	2.03441	0.01	-4.2	20	
Alpha Terpineol	A	30.0	23.0	0.3148176	0.2418423		-23.2	20	*
Aniline	A	30.0	24.3	2.274675	1.8433		-19.0	20	
Anthracene	A	30.0	32.0	0.9930349	1.059136	0.7	6.7	20	
Atrazine	A	30.0	31.0	0.2230975	0.2303484	0.01	3.3	20	
Benzaldehyde	A	30.0	24.4	1.177478	0.9575836	0.01	-18.7	20	
Benzidine	A	30.0	31.8	0.539883	0.5728099		6.1	20	
Benzo(a)anthracene	A	30.0	33.1	1.182133	1.305369	0.8	10.4	20	
Benzo(a)pyrene	A	30.0	23.2	0.9870305	0.7619212	0.7	-22.8	20	*
Benzo(b)fluoranthene	A	30.0	24.2	1.032496	0.8341789	0.7	-19.2	20	
Benzo(g,h,i)perylene	A	30.0	32.9	0.8907774	0.977842	0.5	9.8	20	
Benzo(k)fluoranthene	A	30.0	22.6	1.055362	0.7937972	0.7	-24.8	20	*
Benzoic acid	A	30.0	20.6	0.2091588	0.1433238		-31.5	20	*
Benzyl alcohol	A	30.0	29.1	0.9253622	0.8973046		-3.0	20	
Benzyl butyl phthalate	A	30.0	29.2	0.4632252	0.4510055		-2.6	20	
Bis(2-chloroethoxy)methane	A	30.0	21.6	0.4497025	0.3244205	0.3	-27.9	20	*
Bis(2-chloroethyl)ether	A	30.0	22.7	1.497132	1.133502	0.7	-24.3	20	*
Bis(2-chloroisopropyl)ether	A	30.0	27.6	0.4691608	0.4318394	0.01	-8.0	20	
Bis(2-ethylhexyl)phthalate	A	30.0	24.3	0.6079131	0.4918969		-19.1	20	
Caprolactam	A	30.0	27.5	0.1188525	0.1089234	0.01	-8.4	20	
Carbazole	A	30.0	32.8	0.8706964	0.9531317	0.01	9.5	20	
Chrysene	A	30.0	30.3	1.084129	1.095396	0.7	1.0	20	
Dibenzo(a,h)anthracene	A	30.0	35.4	0.9400838	1.109041	0.4	18.0	20	
Dibenzofuran	A	30.0	31.6	1.533813	1.615098	0.8	5.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #10	Calibration:	SD50040
Lab File ID:	SV1006470.D	Calibration Date:	04/23/25 00:51
Sequence:	S5E0921	Injection Date:	05/09/25
Lab Sample ID:	S5E0921-CCV1	Injection Time:	10:51

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl phthalate	A	30.0	30.3	1.215632	1.228962	0.01	1.1	20	
Dimethyl phthalate	A	30.0	31.2	1.182675	1.228227	0.01	3.9	20	
Di-n-butyl phthalate	A	30.0	31.6	1.005063	1.057423	0.01	5.2	20	
Di-n-octyl phthalate	A	30.0	19.9	1.043691	0.6937626	0.01	-33.5	20	*
Diphenylamine	A	30.0	25.3	0.4182281	0.3522296		-15.8	20	
Fluoranthene	A	30.0	35.0	1.146258	1.335506	0.6	16.5	20	
Fluorene	A	30.0	31.4	1.288486	1.347138	0.9	4.6	20	
Hexachlorobenzene	A	30.0	24.8	8.707486E-02	7.213386E-02	0.1	-17.2	20	
Hexachlorobutadiene	A	30.0	34.7	0.2407234	0.2781726	0.01	15.6	20	
Hexachlorocyclopentadiene	A	30.0	20.3	0.4336419	0.2933419	0.05	-32.4	20	*
Hexachloroethane	A	30.0	25.8	0.6187877	0.5332832	0.3	-13.8	20	
Indeno(1,2,3-cd)pyrene	A	30.0	34.3	0.9284724	1.062676	0.5	14.5	20	
Isophorone	A	30.0	23.0	0.9428982	0.7242656	0.4	-23.2	20	*
Naphthalene	A	30.0	27.9	0.9884005	0.920106	0.7	-6.9	20	
Nitrobenzene	A	30.0	22.5	0.5691241	0.4260269	0.2	-25.1	20	*
N-Nitrosodimethylamine	A	30.0	16.9	1.045664	0.5896007		-43.6	20	*
N-nitroso-di-n-propylamine	A	30.0	24.1	1.415008	1.137731	0.5	-19.6	20	
N-Nitrosodiphenylamine	A	30.0	24.6	0.1578495	0.1295673	0.01	-17.9	20	
Parathion	A	30.0	30.0	0.1294022	0.1294829		0.06	20	
Pentachloronitrobenzene	A	30.0	30.7	0.1209624	0.1237418		2.3	20	
Pentachlorophenol	A	30.0	28.7	9.766033E-02	9.343976E-02	0.05	-4.3	20	
Phenanthrene	A	30.0	31.3	0.9833144	1.027373	0.7	4.5	20	
Phenol	A	30.0	24.8	2.043076	1.686635	0.8	-17.4	20	
Pyrene	A	30.0	32.6	1.263818	1.373626	0.6	8.7	20	
Pyridine	A	30.0	18.3	1.777976	1.083291		-39.1	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E1311
Instrument: BNA #1
Calibration: SE50016

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5E1311-CCV1)			Lab File ID: BNA1-033026.D		Analyzed: 05/12/25 15:07			
SURR: 2-Fluorophenol	30.0	110	0 - 200	4.105	4.105167	-0.0002	+/-1.00	
SURR: Phenol-d6	30.0		0 - 200		4.861	-4.8610	+/-1.00	*
SURR: Nitrobenzene-d5	30.0	112	0 - 200	5.634	5.635	-0.0010	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	117	0 - 200	7.238	7.239	-0.0010	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	120	0 - 200	9.121	9.117	0.0040	+/-1.00	
SURR: Terphenyl-d14	30.0	120	0 - 200	12.596	12.595	0.0010	+/-1.00	
25SB-4 (0-2) (25E0127-05)			Lab File ID: BNA1-033035.D		Analyzed: 05/12/25 19:30			
SURR: 2-Fluorophenol	1.80	8.48	20 - 108	4.111	4.105167	0.0058	+/-1.00	*
SURR: Phenol-d6	1.80	0	23 - 114		4.861	-4.8610	+/-1.00	*
SURR: Nitrobenzene-d5	0.900	38.5	22 - 108	5.634	5.635	-0.0010	+/-1.00	
SURR: 2-Fluorobiphenyl	0.900	39.8	21 - 113	7.244	7.239	0.0050	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.80	9.48	19 - 110	9.132	9.117	0.0150	+/-1.00	*
SURR: Terphenyl-d14	0.900	49.4	24 - 116	12.596	12.595	0.0010	+/-1.00	
25SB-4 (3-5) (25E0127-06)			Lab File ID: BNA1-033036.D		Analyzed: 05/12/25 20:01			
SURR: 2-Fluorophenol	1.83	55.0	20 - 108	4.111	4.105167	0.0058	+/-1.00	
SURR: Phenol-d6	1.83	0	23 - 114		4.861	-4.8610	+/-1.00	*
SURR: Nitrobenzene-d5	0.913	51.8	22 - 108	5.634	5.635	-0.0010	+/-1.00	
SURR: 2-Fluorobiphenyl	0.913	52.6	21 - 113	7.244	7.239	0.0050	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.83	69.0	19 - 110	9.127	9.117	0.0100	+/-1.00	
SURR: Terphenyl-d14	0.913	59.8	24 - 116	12.596	12.595	0.0010	+/-1.00	
25SB-4 (11-13) (25E0127-07)			Lab File ID: BNA1-033037.D		Analyzed: 05/12/25 20:32			
SURR: 2-Fluorophenol	1.94	40.0	20 - 108	4.105	4.105167	-0.0002	+/-1.00	
SURR: Phenol-d6	1.94	0	23 - 114		4.861	-4.8610	+/-1.00	*
SURR: Nitrobenzene-d5	0.968	37.0	22 - 108	5.64	5.635	0.0050	+/-1.00	
SURR: 2-Fluorobiphenyl	0.968	40.9	21 - 113	7.244	7.239	0.0050	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.94	49.8	19 - 110	9.127	9.117	0.0100	+/-1.00	
SURR: Terphenyl-d14	0.968	43.9	24 - 116	12.596	12.595	0.0010	+/-1.00	
25SB-10 (0-2) (25E0127-08)			Lab File ID: BNA1-033038.D		Analyzed: 05/12/25 21:02			
SURR: 2-Fluorophenol	1.76	28.8	20 - 108	4.105	4.105167	-0.0002	+/-1.00	
SURR: Phenol-d6	1.76	0	23 - 114		4.861	-4.8610	+/-1.00	*
SURR: Nitrobenzene-d5	0.879	30.7	22 - 108	5.634	5.635	-0.0010	+/-1.00	
SURR: 2-Fluorobiphenyl	0.879	32.8	21 - 113	7.238	7.239	-0.0010	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.76	36.8	19 - 110	9.121	9.117	0.0040	+/-1.00	
SURR: Terphenyl-d14	0.879	34.6	24 - 116	12.596	12.595	0.0010	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E1311
Instrument: BNA #1
Calibration: SE50016

Surrogate Compound	Spike Level mg/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-10 (2-4) (25E0127-09)				Lab File ID: BNA1-033039.D		Analyzed: 05/12/25 21:32		
SURR: 2-Fluorophenol	1.74	43.2	20 - 108	4.111	4.105167	0.0058	+/-1.00	
SURR: Phenol-d6	1.74	0	23 - 114		4.861	-4.8610	+/-1.00	*
SURR: Nitrobenzene-d5	0.870	40.3	22 - 108	5.64	5.635	0.0050	+/-1.00	
SURR: 2-Fluorobiphenyl	0.870	46.5	21 - 113	7.244	7.239	0.0050	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.74	57.2	19 - 110	9.127	9.117	0.0100	+/-1.00	
SURR: Terphenyl-d14	0.870	54.1	24 - 116	12.596	12.595	0.0010	+/-1.00	
25SB-10 (11-13) (25E0127-10)				Lab File ID: BNA1-033040.D		Analyzed: 05/12/25 22:03		
SURR: 2-Fluorophenol	1.78	48.8	20 - 108	4.111	4.105167	0.0058	+/-1.00	
SURR: Phenol-d6	1.78	0	23 - 114		4.861	-4.8610	+/-1.00	*
SURR: Nitrobenzene-d5	0.888	45.6	22 - 108	5.634	5.635	-0.0010	+/-1.00	
SURR: 2-Fluorobiphenyl	0.888	54.0	21 - 113	7.244	7.239	0.0050	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.78	64.9	19 - 110	9.127	9.117	0.0100	+/-1.00	
SURR: Terphenyl-d14	0.888	58.8	24 - 116	12.596	12.595	0.0010	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-4 (11-13)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50797	Laboratory ID:	BE50797-MS1
Preparation:	EPA 3550C	Initial/Final:	30.4 g / 1 mL

Source Sample Name: 25SB-4 (11-13)

This Data is unusable

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
1,1-Biphenyl	0.975	ND	0.644	66.1 *	70 - 130
1,2,4,5-Tetrachlorobenzene	0.975	ND	0.634	65.0 *	70 - 130
1,2,4-Trichlorobenzene	0.975	ND	0.651	66.8	10 - 127
1,2-Dichlorobenzene	0.975	ND	0.604	61.9	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	0.975	ND	0.775	79.5	10 - 144
1,3-Dichlorobenzene	0.975	ND	0.542	55.6	11 - 111
1,4-Dichlorobenzene	0.975	ND	0.568	58.2	10 - 106
2,3,4,6-Tetrachlorophenol	0.975	ND	0.858	88.0	70 - 130
2,4,5-Trichlorophenol	0.975	ND	0.746	76.5	70 - 127
2,4,6-Trichlorophenol	0.975	ND	0.742	76.1	70 - 130
2,4-Dichlorophenol	0.975	ND	0.723	74.2	70 - 128
2,4-Dimethylphenol	0.975	ND	0.731	75.0	70 - 130
2,4-Dinitrophenol	0.975	ND	0.240	24.6	20 - 160
2,4-Dinitrotoluene	0.975	ND	0.800	82.1	70 - 130
2,6-Dinitrotoluene	0.975	ND	0.798	81.8	70 - 130
2-Chloronaphthalene	0.975	ND	0.629	64.6 *	70 - 129
2-Chlorophenol	0.975	ND	0.698	71.6	70 - 116
2-Methylnaphthalene	0.975	ND	0.611	62.7 *	70 - 130
2-Methylphenol	0.975	ND	0.760	78.0	70 - 130
2-Nitroaniline	0.975	ND	0.750	77.0	70 - 130
2-Nitrophenol	0.975	ND	0.788	80.9	70 - 129
3- & 4-Methylphenols	0.975	ND	0.622	63.8	20 - 123
3,3-Dichlorobenzidine	0.975	ND	0.434	44.5 *	70 - 155
3-Nitroaniline	0.975	ND	0.661	67.8 *	70 - 130
4,6-Dinitro-2-methylphenol	0.975	ND	0.750	77.0	70 - 130
4-Bromophenyl phenyl ether	0.975	ND	0.703	72.1	70 - 128
4-Chloro-3-methylphenol	0.975	ND	0.843	86.5	70 - 130
4-Chloroaniline	0.975	ND	0.456	46.8 *	70 - 130
4-Chlorophenyl phenyl ether	0.975	ND	0.719	73.8	70 - 130
4-Nitroaniline	0.975	ND	0.568	58.3 *	70 - 130
4-Nitrophenol	0.975	ND	0.499	51.2	20 - 137

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-4 (11-13)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50797
Laboratory ID: BE50797-MS1
Preparation: EPA 3550C
Initial/Final: 30.4 g / 1 mL
Source Sample Name: 25SB-4 (11-13)

This Data is unusable

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Acenaphthene	0.975	ND	0.661	67.8 *	70 - 130
Acenaphthylene	0.975	ND	0.652	66.9 *	70 - 130
Acetophenone	0.975	ND	0.727	74.6	70 - 116
Aniline	0.975	ND	0.354	36.3	10 - 123
Anthracene	0.975	ND	0.659	67.6 *	70 - 130
Atrazine	0.975	ND	0.773	79.3	70 - 115
Benzaldehyde	0.975	ND	0.578	59.3	20 - 125
Benzo(a)anthracene	0.975	ND	0.697	71.5	70 - 130
Benzo(a)pyrene	0.975	ND	0.566	58.1 *	70 - 130
Benzo(b)fluoranthene	0.975	ND	0.616	63.2 *	70 - 130
Benzo(g,h,i)perylene	0.975	ND	0.795	81.6	70 - 130
Benzo(k)fluoranthene	0.975	ND	0.635	65.1 *	70 - 130
Benzoic acid	0.975	ND	ND	*	10 - 166
Benzyl alcohol	0.975	ND	0.576	59.1	12 - 124
Benzyl butyl phthalate	0.975	ND	0.763	78.2	70 - 130
Bis(2-chloroethoxy)methane	0.975	ND	0.643	66.0 *	70 - 130
Bis(2-chloroethyl)ether	0.975	ND	0.669	68.6 *	70 - 119
Bis(2-chloroisopropyl)ether	0.975	ND	0.763	78.2	70 - 130
Bis(2-ethylhexyl)phthalate	0.975	ND	0.801	82.2	70 - 130
Caprolactam	0.975	ND	1.10	112	20 - 132
Carbazole	0.975	ND	0.591	60.6 *	70 - 130
Chrysene	0.975	ND	0.671	68.9 *	70 - 130
Dibenzo(a,h)anthracene	0.975	ND	0.625	64.2 *	70 - 130
Dibenzofuran	0.975	ND	0.659	67.6 *	70 - 130
Diethyl phthalate	0.975	ND	0.689	70.6	70 - 120
Dimethyl phthalate	0.975	ND	0.707	72.5	70 - 130
Di-n-butyl phthalate	0.975	ND	0.718	73.7	70 - 130
Di-n-octyl phthalate	0.975	ND	0.756	77.6	70 - 130
Fluoranthene	0.975	ND	0.619	63.5 *	70 - 130
Fluorene	0.975	ND	0.714	73.2	70 - 130
Hexachlorobenzene	0.975	ND	0.768	78.8	70 - 130
Hexachlorobutadiene	0.975	ND	0.664	68.2 *	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-4 (11-13)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50797	Laboratory ID:	BE50797-MS1
Preparation:	EPA 3550C	Initial/Final:	30.4 g / 1 mL

Source Sample Name: 25SB-4 (11-13)

This Data is unusable

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Hexachlorocyclopentadiene	0.975	ND	0.463	47.5	20 - 106
Hexachloroethane	0.975	ND	0.601	61.7	20 - 110
Indeno(1,2,3-cd)pyrene	0.975	ND	0.811	83.2	70 - 130
Isophorone	0.975	ND	0.774	79.4	70 - 130
Naphthalene	0.975	ND	0.670	68.7 *	70 - 130
Nitrobenzene	0.975	ND	0.662	67.9 *	70 - 130
N-Nitrosodimethylamine	0.975	ND	0.554	56.9	10 - 126
N-nitroso-di-n-propylamine	0.975	ND	0.696	71.4	70 - 125
N-Nitrosodiphenylamine	0.975	ND	0.813	83.4	70 - 130
Pentachlorophenol	0.975	ND	0.559	57.4	20 - 153
Phenanthrene	0.975	ND	0.685	70.3	70 - 130
Phenol	0.975	ND	0.679	69.7	20 - 126
Pyrene	0.975	ND	0.733	75.2	70 - 130
Pyridine	0.975	ND	0.331	33.9	10 - 83

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-4 (11-13)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50797
Laboratory ID: BE50797-MSD1
Preparation: EPA 3550C
Initial/Final: 30.4 g / 1 mL
Source Sample Name: 25SB-4 (11-13)

This Data is unusable

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	0.975	0.454	46.6	34.7 *	30	10 - 130
1,2,4,5-Tetrachlorobenzene	0.975	0.444	45.5	35.3 *	30	10 - 133
1,2,4-Trichlorobenzene	0.975	0.458	47.0	34.9 *	30	10 - 127
1,2-Dichlorobenzene	0.975	0.412	42.2	37.8 *	30	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	0.975	0.544	55.8	35.1 *	30	10 - 144
1,3-Dichlorobenzene	0.975	0.394	40.4	31.7 *	30	11 - 111
1,4-Dichlorobenzene	0.975	0.399	41.0	34.8 *	30	10 - 106
2,3,4,6-Tetrachlorophenol	0.975	0.574	58.9	39.7 *	30	30 - 130
2,4,5-Trichlorophenol	0.975	0.508	52.1	38.0 *	30	10 - 127
2,4,6-Trichlorophenol	0.975	0.544	55.8	30.8 *	30	10 - 132
2,4-Dichlorophenol	0.975	0.497	51.0	37.1 *	30	10 - 128
2,4-Dimethylphenol	0.975	0.505	51.8	36.5 *	30	10 - 137
2,4-Dinitrophenol	0.975	0.175	18.0	31.1 *	30	10 - 171
2,4-Dinitrotoluene	0.975	0.538	55.2	39.2 *	30	16 - 135
2,6-Dinitrotoluene	0.975	0.558	57.2	35.4 *	30	18 - 131
2-Chloronaphthalene	0.975	0.428	43.9	38.1 *	30	10 - 129
2-Chlorophenol	0.975	0.470	48.2	39.0 *	30	15 - 116
2-Methylnaphthalene	0.975	0.445	45.7	31.4 *	30	10 - 147
2-Methylphenol	0.975	0.522	53.6	37.1 *	30	10 - 136
2-Nitroaniline	0.975	0.502	51.5	39.6 *	30	10 - 137
2-Nitrophenol	0.975	0.495	50.8	45.7 *	30	10 - 129
3- & 4-Methylphenols	0.975	0.425	43.6	37.7 *	30	10 - 123
3,3-Dichlorobenzidine	0.975	0.300	30.8	36.3 *	30	10 - 155
3-Nitroaniline	0.975	0.448	46.0	38.4 *	30	12 - 133
4,6-Dinitro-2-methylphenol	0.975	0.443	45.4	51.5 *	30	10 - 155
4-Bromophenyl phenyl ether	0.975	0.489	50.2	35.9 *	30	14 - 128
4-Chloro-3-methylphenol	0.975	0.615	63.1	31.2 *	30	10 - 134
4-Chloroaniline	0.975	0.307	31.5	39.0 *	30	10 - 145
4-Chlorophenyl phenyl ether	0.975	0.478	49.0	40.3 *	30	14 - 130
4-Nitroaniline	0.975	0.393	40.3	36.5 *	30	10 - 147
4-Nitrophenol	0.975	0.356	36.6	33.4 *	30	10 - 137
Acenaphthene	0.975	0.470	48.2	33.8 *	30	10 - 146

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-4 (11-13)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50797
Laboratory ID: BE50797-MSD1
Preparation: EPA 3550C
Initial/Final: 30.4 g / 1 mL
Source Sample Name: 25SB-4 (11-13)

This Data is unusable

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthylene	0.975	0.473	48.6	31.7 *	30	10 - 134
Acetophenone	0.975	0.494	50.6	38.2 *	30	10 - 116
Aniline	0.975	0.253	26.0	33.1 *	30	10 - 123
Anthracene	0.975	0.452	46.3	37.4 *	30	10 - 142
Atrazine	0.975	0.535	54.9	36.4 *	30	19 - 115
Benzaldehyde	0.975	0.383	39.3	40.6 *	30	10 - 125
Benzo(a)anthracene	0.975	0.497	51.0	33.6 *	30	10 - 158
Benzo(a)pyrene	0.975	0.407	41.8	32.7 *	30	10 - 180
Benzo(b)fluoranthene	0.975	0.447	45.8	31.8 *	30	10 - 200
Benzo(g,h,i)perylene	0.975	0.546	56.0	37.2 *	30	10 - 138
Benzo(k)fluoranthene	0.975	0.422	43.3	40.3 *	30	10 - 197
Benzoic acid	0.975	ND	*		30	10 - 166
Benzyl alcohol	0.975	0.349	35.8	49.0 *	30	12 - 124
Benzyl butyl phthalate	0.975	0.538	55.2	34.5 *	30	10 - 154
Bis(2-chloroethoxy)methane	0.975	0.465	47.7	32.2 *	30	10 - 132
Bis(2-chloroethyl)ether	0.975	0.491	50.3	30.8 *	30	10 - 119
Bis(2-chloroisopropyl)ether	0.975	0.515	52.9	38.7 *	30	10 - 139
Bis(2-ethylhexyl)phthalate	0.975	0.561	57.6	35.1 *	30	10 - 167
Caprolactam	0.975	0.666	68.3	48.8 *	30	10 - 132
Carbazole	0.975	0.409	42.0	36.3 *	30	10 - 167
Chrysene	0.975	0.480	49.2	33.3 *	30	10 - 156
Dibenzo(a,h)anthracene	0.975	0.424	43.5	38.3 *	30	10 - 137
Dibenzofuran	0.975	0.459	47.1	35.7 *	30	10 - 147
Diethyl phthalate	0.975	0.482	49.4	35.3 *	30	20 - 120
Dimethyl phthalate	0.975	0.477	49.0	38.7 *	30	18 - 131
Di-n-butyl phthalate	0.975	0.487	49.9	38.4 *	30	10 - 137
Di-n-octyl phthalate	0.975	0.547	56.1	32.2 *	30	10 - 180
Fluoranthene	0.975	0.421	43.2	38.1 *	30	10 - 160
Fluorene	0.975	0.506	51.9	34.0 *	30	10 - 157
Hexachlorobenzene	0.975	0.551	56.5	33.0 *	30	10 - 137
Hexachlorobutadiene	0.975	0.452	46.3	38.2 *	30	10 - 132
Hexachlorocyclopentadiene	0.975	0.317	32.5	37.6 *	30	10 - 106
Hexachloroethane	0.975	0.411	42.2	37.6 *	30	10 - 110

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-4 (11-13)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50797	Laboratory ID:	BE50797-MSD1
Preparation:	EPA 3550C	Initial/Final:	30.4 g / 1 mL

Source Sample Name: 25SB-4 (11-13)

This Data is unusable

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Indeno(1,2,3-cd)pyrene	0.975	0.537	55.0	40.7 *	30	10 - 144
Isophorone	0.975	0.542	55.6	35.2 *	30	10 - 132
Naphthalene	0.975	0.476	48.8	33.9 *	30	10 - 141
Nitrobenzene	0.975	0.473	48.5	33.4 *	30	10 - 131
N-Nitrosodimethylamine	0.975	0.408	41.8	30.5 *	30	10 - 126
N-nitroso-di-n-propylamine	0.975	0.478	49.0	37.2 *	30	10 - 125
N-Nitrosodiphenylamine	0.975	0.568	58.2	35.6 *	30	10 - 177
Pentachlorophenol	0.975	0.324	33.3	53.1 *	30	10 - 153
Phenanthrene	0.975	0.487	49.9	33.9 *	30	10 - 148
Phenol	0.975	0.452	46.3	40.3 *	30	10 - 126
Pyrene	0.975	0.533	54.7	31.5 *	30	10 - 165
Pyridine	0.975	0.252	25.8	27.0	30	10 - 83

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50797	Laboratory ID:	BE50797-BS1
Preparation:	EPA 3550C	Initial/Final:	30 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	0.833	0.617	74.0	70 - 111
1,2,4,5-Tetrachlorobenzene	0.833	0.593	71.2	70 - 130
1,2,4-Trichlorobenzene	0.833	0.599	71.8	10 - 140
1,2-Dichlorobenzene	0.833	0.564	67.7	34 - 108
1,2-Diphenylhydrazine (as Azobenzene)	0.833	0.715	85.8	17 - 137
1,3-Dichlorobenzene	0.833	0.549	65.9	33 - 110
1,4-Dichlorobenzene	0.833	0.537	64.4	32 - 104
2,3,4,6-Tetrachlorophenol	0.833	0.770	92.4	70 - 130
2,4,5-Trichlorophenol	0.833	0.660	79.2	70 - 118
2,4,6-Trichlorophenol	0.833	0.655	78.6	70 - 120
2,4-Dichlorophenol	0.833	0.663	79.6	70 - 127
2,4-Dimethylphenol	0.833	0.667	80.0	70 - 130
2,4-Dinitrophenol	0.833	0.544	65.2	20 - 160
2,4-Dinitrotoluene	0.833	0.708	84.9	70 - 130
2,6-Dinitrotoluene	0.833	0.714	85.7	70 - 128
2-Chloronaphthalene	0.833	0.593	71.1	70 - 117
2-Chlorophenol	0.833	0.621	74.5	70 - 113
2-Methylnaphthalene	0.833	0.581	69.8 *	70 - 130
2-Methylphenol	0.833	0.670	80.4	70 - 130
2-Nitroaniline	0.833	0.690	82.8	70 - 130
2-Nitrophenol	0.833	0.705	84.6	70 - 129
3- & 4-Methylphenols	0.833	0.576	69.1	29 - 103
3,3-Dichlorobenzidine	0.833	0.399	47.8 *	70 - 130
3-Nitroaniline	0.833	0.561	67.4 *	70 - 130
4,6-Dinitro-2-methylphenol	0.833	0.833	100	70 - 130
4-Bromophenyl phenyl ether	0.833	0.689	82.7	70 - 120
4-Chloro-3-methylphenol	0.833	0.740	88.8	70 - 129
4-Chloroaniline	0.833	0.389	46.6 *	70 - 130
4-Chlorophenyl phenyl ether	0.833	0.656	78.8	70 - 124
4-Nitroaniline	0.833	0.560	67.2 *	70 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50797	Laboratory ID:	BE50797-BS1
Preparation:	EPA 3550C	Initial/Final:	30 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
4-Nitrophenol	0.833	0.451	54.1	20 - 141
Acenaphthene	0.833	0.605	72.6	70 - 121
Acenaphthylene	0.833	0.620	74.4	70 - 115
Acetophenone	0.833	0.637	76.4	70 - 112
Aniline	0.833	0.377	45.2	10 - 119
Anthracene	0.833	0.636	76.4	70 - 118
Atrazine	0.833	0.700	84.0	70 - 112
Benzaldehyde	0.833	0.467	56.0	21 - 100
Benzo(a)anthracene	0.833	0.639	76.6	70 - 122
Benzo(a)pyrene	0.833	0.535	64.2 *	70 - 130
Benzo(b)fluoranthene	0.833	0.578	69.4 *	70 - 130
Benzo(g,h,i)perylene	0.833	0.762	91.4	70 - 130
Benzo(k)fluoranthene	0.833	0.582	69.8 *	70 - 128
Benzoic acid	0.833	0.160	19.2	10 - 140
Benzyl alcohol	0.833	0.535	64.2	30 - 115
Benzyl butyl phthalate	0.833	0.729	87.5	70 - 126
Bis(2-chloroethoxy)methane	0.833	0.595	71.4	70 - 130
Bis(2-chloroethyl)ether	0.833	0.533	64.0 *	70 - 125
Bis(2-chloroisopropyl)ether	0.833	0.655	78.6	70 - 130
Bis(2-ethylhexyl)phthalate	0.833	0.723	86.8	70 - 130
Caprolactam	0.833	0.917	110	20 - 127
Carbazole	0.833	0.548	65.7 *	70 - 123
Chrysene	0.833	0.619	74.3	70 - 123
Dibenzo(a,h)anthracene	0.833	0.599	71.8	70 - 130
Dibenzofuran	0.833	0.614	73.7	70 - 121
Diethyl phthalate	0.833	0.636	76.3	70 - 116
Dimethyl phthalate	0.833	0.638	76.5	70 - 124
Di-n-butyl phthalate	0.833	0.669	80.3	70 - 116
Di-n-octyl phthalate	0.833	0.705	84.6	70 - 130
Fluoranthene	0.833	0.579	69.5 *	70 - 122

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50797	Laboratory ID:	BE50797-BS1
Preparation:	EPA 3550C	Initial/Final:	30 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
Fluorene	0.833	0.662	79.4	70 - 123
Hexachlorobenzene	0.833	0.656	78.7	70 - 124
Hexachlorobutadiene	0.833	0.654	78.4	70 - 130
Hexachlorocyclopentadiene	0.833	0.511	61.3	20 - 129
Hexachloroethane	0.833	0.580	69.6	28 - 108
Indeno(1,2,3-cd)pyrene	0.833	0.763	91.5	70 - 130
Isophorone	0.833	0.672	80.7	70 - 130
Naphthalene	0.833	0.616	73.9	70 - 124
Nitrobenzene	0.833	0.611	73.3	70 - 130
N-Nitrosodimethylamine	0.833	0.461	55.4	11 - 129
N-nitroso-di-n-propylamine	0.833	0.615	73.8	70 - 119
N-Nitrosodiphenylamine	0.833	0.786	94.3	70 - 130
Pentachlorophenol	0.833	0.446	53.5	20 - 139
Phenanthrene	0.833	0.634	76.0	70 - 123
Phenol	0.833	0.609	73.1	23 - 115
Pyrene	0.833	0.722	86.7	70 - 130
Pyridine	0.833	0.378	45.4	10 - 91

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50802	Laboratory ID:	BE50802-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #		QC LIMITS REC.
1,1-Biphenyl	0.831	0.622	74.9		70 - 111
1,2,4,5-Tetrachlorobenzene	0.831	0.626	75.3		70 - 130
1,2,4-Trichlorobenzene	0.831	0.602	72.4		10 - 140
1,2-Dichlorobenzene	0.831	0.630	75.8		34 - 108
1,2-Diphenylhydrazine (as Azobenzene)	0.831	0.523	62.9		17 - 137
1,3-Dichlorobenzene	0.831	0.629	75.7		33 - 110
1,4-Dichlorobenzene	0.831	0.650	78.3		32 - 104
2,3,4,6-Tetrachlorophenol	0.831	0.663	79.8		70 - 130
2,4,5-Trichlorophenol	0.831	0.664	80.0		70 - 118
2,4,6-Trichlorophenol	0.831	0.630	75.8		70 - 120
2,4-Dichlorophenol	0.831	0.616	74.1		70 - 127
2,4-Dimethylphenol	0.831	0.632	76.1		70 - 130
2,4-Dinitrophenol	0.831	0.701	84.4		20 - 160
2,4-Dinitrotoluene	0.831	0.671	80.8		70 - 130
2,6-Dinitrotoluene	0.831	0.669	80.5		70 - 128
2-Chloronaphthalene	0.831	0.639	77.0		70 - 117
2-Chlorophenol	0.831	0.616	74.2		70 - 113
2-Methylnaphthalene	0.831	0.707	85.2		70 - 130
2-Methylphenol	0.831	0.591	71.1		70 - 130
2-Nitroaniline	0.831	0.631	75.9		70 - 130
2-Nitrophenol	0.831	0.562	67.6	*	70 - 129
3- & 4-Methylphenols	0.831	0.519	62.5		29 - 103
3,3-Dichlorobenzidine	0.831	0.557	67.0	*	70 - 130
3-Nitroaniline	0.831	0.477	57.5	*	70 - 130
4,6-Dinitro-2-methylphenol	0.831	0.732	88.2		70 - 130
4-Bromophenyl phenyl ether	0.831	0.545	65.6	*	70 - 120
4-Chloro-3-methylphenol	0.831	0.572	68.8	*	70 - 129
4-Chloroaniline	0.831	0.377	45.4	*	70 - 130
4-Chlorophenyl phenyl ether	0.831	0.633	76.2		70 - 124
4-Nitroaniline	0.831	0.551	66.4	*	70 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50802	Laboratory ID:	BE50802-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
4-Nitrophenol	0.831	0.558	67.2	20 - 141
Acenaphthene	0.831	0.637	76.7	70 - 121
Acenaphthylene	0.831	0.669	80.5	70 - 115
Acetophenone	0.831	0.574	69.2 *	70 - 112
Aniline	0.831	0.418	50.3	10 - 119
Anthracene	0.831	0.697	84.0	70 - 118
Atrazine	0.831	0.517	62.2 *	70 - 112
Benzaldehyde	0.831	0.595	71.6	21 - 100
Benzo(a)anthracene	0.831	0.678	81.6	70 - 122
Benzo(a)pyrene	0.831	0.683	82.2	70 - 130
Benzo(b)fluoranthene	0.831	0.634	76.3	70 - 130
Benzo(g,h,i)perylene	0.831	0.703	84.6	70 - 130
Benzo(k)fluoranthene	0.831	0.732	88.2	70 - 128
Benzoic acid	0.831	0.110	13.2	10 - 140
Benzyl alcohol	0.831	0.575	69.3	30 - 115
Benzyl butyl phthalate	0.831	0.694	83.6	70 - 126
Bis(2-chloroethoxy)methane	0.831	0.568	68.4 *	70 - 130
Bis(2-chloroethyl)ether	0.831	0.655	78.8	70 - 125
Bis(2-chloroisopropyl)ether	0.831	0.544	65.5 *	70 - 130
Bis(2-ethylhexyl)phthalate	0.831	0.685	82.5	70 - 130
Caprolactam	0.831	0.580	69.8	20 - 127
Carbazole	0.831	0.650	78.3	70 - 123
Chrysene	0.831	0.687	82.7	70 - 123
Dibenzo(a,h)anthracene	0.831	0.690	83.1	70 - 130
Dibenzofuran	0.831	0.638	76.8	70 - 121
Diethyl phthalate	0.831	0.662	79.7	70 - 116
Dimethyl phthalate	0.831	0.678	81.7	70 - 124
Di-n-butyl phthalate	0.831	0.740	89.1	70 - 116
Di-n-octyl phthalate	0.831	0.709	85.4	70 - 130
Fluoranthene	0.831	0.697	84.0	70 - 122

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50802	Laboratory ID:	BE50802-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
Fluorene	0.831	0.638	76.8	70 - 123
Hexachlorobenzene	0.831	0.504	60.7 *	70 - 124
Hexachlorobutadiene	0.831	0.649	78.2	70 - 130
Hexachlorocyclopentadiene	0.831	0.459	55.3	20 - 129
Hexachloroethane	0.831	0.612	73.6	28 - 108
Indeno(1,2,3-cd)pyrene	0.831	0.885	107	70 - 130
Isophorone	0.831	0.583	70.2	70 - 130
Naphthalene	0.831	0.606	72.9	70 - 124
Nitrobenzene	0.831	0.600	72.2	70 - 130
N-Nitrosodimethylamine	0.831	0.711	85.6	11 - 129
N-nitroso-di-n-propylamine	0.831	0.594	71.5	70 - 119
N-Nitrosodiphenylamine	0.831	0.575	69.2 *	70 - 130
Pentachlorophenol	0.831	0.235	28.3	20 - 139
Phenanthrene	0.831	0.653	78.7	70 - 123
Phenol	0.831	0.545	65.6	23 - 115
Pyrene	0.831	0.700	84.3	70 - 130
Pyridine	0.831	0.671	80.8	10 - 91

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SB50011
Instrument: BNA #7
Calibration Date: 01/30/25 00:01

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.6277786	13.4665	6.731	4.668542E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.6783484	14.86356	6.491	5.140677E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.4305334	11.50446	5.69	5.675752E-02			20	
1,2-Dichlorobenzene	1.448174	14.54016	4.853	5.330371E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	1.199946	18.89814	8.18125	5.048014E-02			20	
1,3-Dichlorobenzene	1.488593	13.85364	4.653	7.122415E-02			20	
1,4-Dichlorobenzene	1.499074	13.79872	4.697	1.253661E-02			20	
1-Methylnaphthalene	0.7707775	13.26759	6.4035	4.085847E-02			20	
2,3,4,6-Tetrachlorophenol	0.1803016	7.164366	7.775625	2.814434E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.4802436	11.64839	6.64975	6.789212E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.4298373	12.72886	6.59575	4.418973E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.4185487	13.42465	5.63925	5.830729E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.4072984	16.29358	5.479375	5.155187E-02			SPCC (0.2)	
2,4-Dinitrophenol	0.1111151	50.05333	7.497	1.468047			SPCC (0.01)	*
2,4-Dinitrotoluene	0.4718781	11.37171	7.6165	3.124844E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.3606125	11.40436	7.1695	4.783158E-02			SPCC (0.2)	
2-Chloronaphthalene	1.116451	15.7401	6.753667	4.223933E-02			SPCC (0.8)	
2-Chlorophenol	1.457322	17.14509	4.55375	0.060764			SPCC (0.8)	
2-Methylnaphthalene	0.8431219	12.91073	6.305667	5.085468E-02			SPCC (0.4)	
2-Methylphenol	1.232404	16.31911	4.95075	6.145782E-02			SPCC (0.7)	
2-Nitroaniline	0.4346946	13.27221	6.9	4.446861E-02			SPCC (0.01)	
2-Nitrophenol	0.2818738	9.120078	5.440375	0.0478443			SPCC (0.1)	
3- & 4-Methylphenols	1.831985	17.24538	5.065625	5.465682E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5287525	10.05118	13.94283	3.479708E-02			SPCC (0.01)	
3-Nitroaniline	0.40344	11.83	7.336167	3.834951E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	0.1387522	29.5823	8.141	6.811829E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2942564	9.349106	8.656	3.453711E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.5011078	14.56656	6.21875	0.0521988			SPCC (0.2)	
4-Chloroaniline	0.5527896	10.69123	5.809	3.951264E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.7598264	13.65041	7.969667	3.601008E-02			SPCC (0.4)	
4-Nitroaniline	0.3967543	14.30266	8.100334	0.100152			SPCC (0.01)	
4-Nitrophenol	0.349695	7.473958	7.555	9.789586E-02			SPCC (0.01)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0127

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SB50011 Instrument: BNA #7

Calibration Date: 01/30/25 00:01

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.095142	14.88305	7.382	4.080675E-02			SPCC (0.9)	
Acenaphthylene	1.675548	17.51877	7.182	3.516675E-02			SPCC (0.9)	
Acetophenone	2.195222	16.23517	5.04	1.126358E-02			SPCC (0.01)	
Alpha Terpineol	0.3643435	13.62789	5.726	0.0384705			20	
Aniline	1.970356	12.69192	4.460167	6.782174E-02			SPCC ()	
Anthracene	1.177836	17.34813	9.436666	3.210703E-02			SPCC (0.7)	
Atrazine	0.3340862	14.76207	8.9915	0.0639657			SPCC (0.01)	
Benzaldehyde	1.204791	21.31495	4.34	7.236485E-02			SPCC (0.01)	*
Benzidine	0.6539886	9.824558	11.38	3.372092E-02			20	
Benzo(a)anthracene	1.325326	14.24516	13.865	1.846533E-02			SPCC (0.8)	
Benzo(a)pyrene	1.180638	12.85486	16.7605	0.0318422			SPCC (0.7)	
Benzo(b)fluoranthene	1.218048	13.11021	16.132	2.783609E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	1.040588	11.32272	19.24767	3.585807E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.230545	15.19282	16.1815	0.0465143			SPCC (0.7)	
Benzoic acid	0.2405072	19.81865	5.597667	0.3603416			20	
Benzyl alcohol	1.036096	11.1084	4.831	0.0166909			20	
Benzyl butyl phthalate	0.6571141	10.82922	12.92067	1.825276E-02			20	
Bis(2-chloroethoxy)methane	0.5764187	13.59907	5.537667	0.0519395			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.603281	18.82949	4.502	7.168244E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	0.9779264	14.3368	4.9375	5.375782E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.9244504	16.58516	14.254	0.0187254			20	
Caprolactam	0.1828598	17.16561	6.093167	0.287953			SPCC (0.01)	
Carbazole	1.230729	19.38417	9.65625	3.347378E-02			SPCC (0.01)	
Chrysene	1.261975	15.0279	13.95817	4.783598E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.095182	11.44241	18.86933	3.681229E-02			SPCC (0.4)	
Dibenzofuran	1.631035	17.06265	7.56	3.176842E-02			SPCC (0.8)	
Diethyl phthalate	1.366452	15.75982	7.882167	6.002109E-02			SPCC (0.01)	
Dimethyl phthalate	1.324311	15.89267	7.0765	4.888126E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.298698	16.22277	10.191	3.466473E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.418931	11.22788	15.5745	1.653441E-02			SPCC (0.01)	
Diphenylamine	0.6988703	12.02682	8.15	5.927577E-02			20	
Fluoranthene	1.343999	15.28786	11.084	4.268706E-02			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SB50011
Instrument: BNA #7
Calibration Date: 01/30/25 00:01

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.35035	15.05294	7.988	0.0370885			SPCC (0.9)	
Hexachlorobenzene	0.1465515	11.26333	8.894667	0.0317502			SPCC (0.1)	
Hexachlorobutadiene	0.2647027	8.923586	5.871	0.0350669			SPCC (0.01)	
Hexachlorocyclopentadiene	0.2972886	10.84647	6.496667	4.148965E-02			SPCC (0.05)	
Hexachloroethane	0.6693971	13.25137	5.0945	5.471886E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	1.034834	9.972202	18.823	3.907192E-02			SPCC (0.5)	
Isophorone	0.9813223	14.01524	5.363	6.171228E-02			SPCC (0.4)	
Naphthalene	1.11459	17.54611	5.74	5.557154E-02			SPCC (0.7)	
Nitrobenzene	0.5956335	15.10864	5.184	5.763221E-02			SPCC (0.2)	
N-Nitrosodimethylamine	1.050498	11.16471	2.467	0.1253547			20	
N-nitroso-di-n-propylamine	1.314827	14.95503	5.057833	0.1014096			SPCC (0.5)	
N-Nitrosodiphenylamine	0.2667115	10.79904	8.15	5.927577E-02			SPCC (0.01)	
Parathion	0.2177331	6.503258	10.471	0.030064			20	
Pentachloronitrobenzene	0.1368843	8.52101	9.303	3.359522E-02			20	
Pentachlorophenol	8.188968E-02	27.95303	9.20375	3.639231E-02			SPCC (0.05)	*
Phenanthrene	1.140617	16.46435	9.384	3.835307E-02			SPCC (0.7)	
Phenol	2.181436	17.30465	4.48125	5.100008E-02			SPCC (0.8)	
Pyrene	1.343516	15.5157	11.276	1.8754			SPCC (0.6)	
Pyridine	1.686224	8.748295	2.459833	0.3565812			20	
SURR: 2,4,6-Tribromophenol	0.118649	7.344579	8.35775	3.489074E-02			20	
SURR: 2-Fluorobiphenyl	1.404821	20.58685	6.6445	4.409724E-02			20	*
SURR: 2-Fluorophenol	1.43191	13.18747	3.679	8.576085E-02			20	
SURR: Nitrobenzene-d5	0.6126376	16.2258	5.168	1.930255E-02			20	
SURR: Phenol-d6	1.85896	16.72438	4.47075	4.627878E-02			20	
SURR: Terphenyl-d14	1.147966	17.29995	11.8195	3.551317E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50016
Instrument: BNA #1
Calibration Date: 05/08/25 00:10

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.4564409	8.488337	7.349	2.857418E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4535967	6.663201	7.046	2.029704E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.283901	9.491453	6.186	1.203979E-02			20	
1,2-Dichlorobenzene	1.200712	8.986143	5.326	1.567497E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.6014218	9.266593	8.989	2.695412E-02			20	
1,3-Dichlorobenzene	1.254997	8.457099	5.14	0.0202814			20	
1,4-Dichlorobenzene	1.300727	7.915169	5.198	0.0122535			20	
1-Methylnaphthalene	0.5410941	9.08149	6.982	1.321037E-02			20	
2,3,4,6-Tetrachlorophenol	0.1457933	8.677671	8.437	3.488935E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3348237	9.501299	7.1875	3.993155E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3202998	10.02806	7.152	0.0372159			SPCC (0.2)	
2,4-Dichlorophenol	0.2513525	8.538782	6.106667	5.013096E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2371089	8.546538	5.928167	0.0487594			SPCC (0.2)	
2,4-Dinitrophenol	0.1162453	24.58384	8.080667	8.592582E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.338561	13.83696	8.248	9.854029E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2442489	13.00656	7.745333	7.543728E-02			SPCC (0.2)	
2-Chloronaphthalene	0.8684129	9.281906	7.38	4.402541E-02			SPCC (0.8)	
2-Chlorophenol	1.015146	8.824569	5.011	4.420312E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6058879	8.489577	6.884	3.298228E-02			SPCC (0.4)	
2-Methylphenol	0.8532889	9.034108	5.3685	5.101387E-02			SPCC (0.7)	
2-Nitroaniline	0.2734358	13.07449	7.478	3.956411E-02			SPCC (0.01)	
2-Nitrophenol	0.1407723	9.174592	5.91	5.593949E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.324695	8.963026	5.492333	8.460008E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.4171162	11.05111	14.721	0.0356428			SPCC (0.01)	
3-Nitroaniline	0.2504268	11.04524	7.953667	8.175809E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	8.538054E-02	21.35886	8.817667	9.420991E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1973923	9.617465	9.465	2.725633E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.2831648	7.73174	6.706	7.511799E-02			SPCC (0.2)	
4-Chloroaniline	0.331155	9.281126	6.294167	4.859756E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6295778	8.814431	8.75	1.655401E-02			SPCC (0.4)	
4-Nitroaniline	0.2921788	9.801353	8.776833	0.1502722			SPCC (0.01)	
4-Nitrophenol	0.2677524	10.13747	8.125	0.1197106			SPCC (0.01)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50016
Instrument: BNA #1
Calibration Date: 05/08/25 00:10

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	0.9644015	9.401464	8.066	3.845057E-02			SPCC (0.9)	
Acenaphthylene	1.418686	9.03493	7.854	1.039124E-02			SPCC (0.9)	
Acetophenone	1.5458	6.060704	5.508	5.569624E-02			SPCC (0.01)	
Alpha Terpineol	0.2284152	7.153316	6.252	4.805979E-02			20	
Aniline	1.437106	8.525536	4.914	4.661882E-02			SPCC ()	
Anthracene	0.8758689	8.760878	10.08183	2.740109E-02			SPCC (0.7)	
Atrazine	0.185694	4.879821	9.648	5.022189E-02			SPCC (0.01)	
Benzaldehyde	0.7704516	6.147452	4.828	6.378058E-02			SPCC (0.01)	
Benzidine	0.4311975	18.62333	12.103	5.435852E-03			20	
Benzo(a)anthracene	1.038933	8.858354	14.7	5.457528E-02			SPCC (0.8)	
Benzo(a)pyrene	0.9394431	8.868875	17.59317	4.761957E-02			SPCC (0.7)	
Benzo(b)fluoranthene	0.9846528	9.054827	16.96067	0.0420291			SPCC (0.7)	
Benzo(g,h,i)perylene	0.8305084	10.27858	20.07267	6.315242E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.000213	8.969933	17.02067	6.434755E-02			SPCC (0.7)	
Benzoic acid	0.2322304	16.46541	6.002833	0.4559494			20	
Benzyl alcohol	0.7237833	10.16708	5.287	5.815364E-02			20	
Benzyl butyl phthalate	0.3884592	11.3694	13.688	0.0255355			20	
Bis(2-chloroethoxy)methane	0.3078945	7.76607	6.012833	4.346818E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	0.9981323	8.978312	4.961	5.111802E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	0.9547683	7.786459	5.397667	5.784162E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.4921376	10.27268	15.04883	6.407555E-03			20	
Caprolactam	7.904031E-02	13.29841	6.618833	0.297218			SPCC (0.01)	
Carbazole	0.821372	8.508753	10.284	4.343521E-02			SPCC (0.01)	
Chrysene	0.9253836	9.435326	14.77933	5.232262E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.8804778	11.03464	19.70167	4.745901E-02			SPCC (0.4)	
Dibenzofuran	1.400045	8.479747	8.285	3.305591E-02			SPCC (0.8)	
Diethyl phthalate	1.208878	7.975686	8.570667	6.774682E-02			SPCC (0.01)	
Dimethyl phthalate	1.173104	8.266572	7.671	0.0680475			SPCC (0.01)	
Di-n-butyl phthalate	0.9526632	8.821633	10.831	2.626311E-02			SPCC (0.01)	
Di-n-octyl phthalate	0.8393396	12.44914	16.47517	1.594583E-02			SPCC (0.01)	
Diphenylamine	0.4205603	8.861761	8.918167	4.646097E-02			20	
Fluoranthene	1.110805	8.377868	11.81817	3.132043E-02			SPCC (0.6)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0127

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SE50016 Instrument: BNA #1

Calibration Date: 05/08/25 00:10

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.211337	8.867677	8.7615	1.534118E-02			SPCC (0.9)	
Hexachlorobenzene	8.243522E-02	8.914302	9.534	2.901165E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1872018	9.98142	6.36	0.0209438			SPCC (0.01)	
Hexachlorocyclopentadiene	0.301551	11.74089	7.034333	1.269875E-02			SPCC (0.05)	
Hexachloroethane	0.4878044	9.275572	5.605	4.459759E-03			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	0.8920075	12.00679	19.64067	5.816778E-02			SPCC (0.5)	
Isophorone	0.6071535	8.130464	5.846	8.509434E-02			SPCC (0.4)	
Naphthalene	0.8216736	8.058259	6.259833	4.853272E-02			SPCC (0.7)	
Nitrobenzene	0.3481444	8.206713	5.651	6.669224E-02			SPCC (0.2)	
N-Nitrosodimethylamine	0.6682809	9.779781	3.002	8.078526E-02			20	
N-nitroso-di-n-propylamine	1.023649	9.54406	5.505	8.176045E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.1463064	8.345028	8.919	3.453676E-02			SPCC (0.01)	
Parathion	9.459501E-02	18.94712	11.1035	3.658049E-02			20	
Pentachloronitrobenzene	0.1030114	10.24393	9.776667	4.388918E-02			20	
Pentachlorophenol	0.1488952	11.72579	9.755	0.0263826			SPCC (0.05)	
Phenanthrene	0.8908252	8.113316	10.019	3.284402E-02			SPCC (0.7)	
Phenol	1.29611	8.68228	4.8725	7.096321E-02			SPCC (0.8)	
Pyrene	0.9626465	9.677914	12.225	4.030857E-02			SPCC (0.6)	
Pyridine	1.101124	10.16155	3.043	7.869326E-02			20	
SURR: 2,4,6-Tribromophenol	8.397979E-02	9.402036	9.117	3.721089E-02			20	
SURR: 2-Fluorobiphenyl	1.063489	9.27176	7.239	3.014903E-02			20	
SURR: 2-Fluorophenol	0.9345621	9.371092	4.105167	1.381944E-02			20	
SURR: Nitrobenzene-d5	0.3194686	7.912739	5.635	4.650246E-02			20	
SURR: Phenol-d6	1.231703	8.666897	4.861	0.0797972			20	
SURR: Terphenyl-d14	0.8184022	9.682743	12.595	3.598032E-02			20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #1	Calibration:	SE50016
Lab File ID:	BNA1-033026.D	Calibration Date:	05/08/25 00:10
Sequence:	S5E1311	Injection Date:	05/12/25
Lab Sample ID:	S5E1311-CCV1	Injection Time:	15:07

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	35.3	0.4564409	0.5371537	0.01	17.7	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	37.0	0.4535967	0.5602266	0.01	23.5	20	*
1,2,4-Trichlorobenzene	A	30.0	32.6	0.283901	0.3082732		8.6	20	
1,2-Dichlorobenzene	A	30.0	33.8	1.200712	1.353442		12.7	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	35.4	0.6014218	0.7098754		18.0	20	
1,3-Dichlorobenzene	A	30.0	33.8	1.254997	1.41527		12.8	20	
1,4-Dichlorobenzene	A	30.0	34.1	1.300727	1.476731		13.5	20	
2,3,4,6-Tetrachlorophenol	A	30.0	34.7	0.1457933	0.1686905	0.01	15.7	20	
2,4,5-Trichlorophenol	A	30.0	35.4	0.3348237	0.3949623	0.2	18.0	20	
2,4,6-Trichlorophenol	A	30.0	34.0	0.3202998	0.3629175	0.2	13.3	20	
2,4-Dichlorophenol	A	30.0	32.0	0.2513525	0.2681248	0.2	6.7	20	
2,4-Dimethylphenol	A	30.0	32.9	0.2371089	0.2596857	0.2	9.5	20	
2,4-Dinitrophenol	A	30.0	43.6	0.1162453	0.1687452	0.01	45.2	20	*
2,4-Dinitrotoluene	A	30.0	36.4	0.338561	0.4107198	0.2	21.3	20	*
2,6-Dinitrotoluene	A	30.0	36.7	0.2442489	0.2985993	0.2	22.3	20	*
2-Chloronaphthalene	A	30.0	35.3	0.8684129	1.022991	0.8	17.8	20	
2-Chlorophenol	A	30.0	33.4	1.015146	1.129688	0.8	11.3	20	
2-Methylnaphthalene	A	30.0	32.6	0.6058879	0.6590094	0.4	8.8	20	
2-Methylphenol	A	30.0	33.1	0.8532889	0.9406048	0.7	10.2	20	
2-Nitroaniline	A	30.0	36.5	0.2734358	0.3328232	0.01	21.7	20	*
2-Nitrophenol	A	30.0	35.3	0.1407723	0.1655052	0.1	17.6	20	
3- & 4-Methylphenols	A	30.0	33.2	1.324695	1.465989	0.6	10.7	20	
3,3-Dichlorobenzidine	A	30.0	34.5	0.4171162	0.4800737	0.01	15.1	20	
3-Nitroaniline	A	30.0	34.6	0.2504268	0.2886659	0.01	15.3	20	
4,6-Dinitro-2-methylphenol	A	30.0	41.1	8.538054E-02	0.1170315	0.01	37.1	20	*
4-Bromophenyl phenyl ether	A	30.0	35.0	0.1973923	0.2305631	0.1	16.8	20	
4-Chloro-3-methylphenol	A	30.0	32.5	0.2831648	0.3063493	0.2	8.2	20	
4-Chloroaniline	A	30.0	32.5	0.331155	0.3589095	0.01	8.4	20	
4-Chlorophenyl phenyl ether	A	30.0	34.6	0.6295778	0.7270624	0.4	15.5	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #1	Calibration:	SE50016
Lab File ID:	BNA1-033026.D	Calibration Date:	05/08/25 00:10
Sequence:	S5E1311	Injection Date:	05/12/25
Lab Sample ID:	S5E1311-CCV1	Injection Time:	15:07

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	32.1	0.2921788	0.3128187	0.01	7.1	20	
4-Nitrophenol	A	30.0	33.0	0.2677524	0.2949044	0.01	10.1	20	
Acenaphthene	A	30.0	35.9	0.9644015	1.153953	0.9	19.7	20	
Acenaphthylene	A	30.0	35.4	1.418686	1.672786	0.9	17.9	20	
Acetophenone	A	30.0	35.4	1.5458	1.824747	0.01	18.0	20	
Aniline	A	30.0	34.0	1.437106	1.629215		13.4	20	
Anthracene	A	30.0	34.4	0.8758689	1.002748	0.7	14.5	20	
Atrazine	A	30.0	36.0	0.185694	0.2225009	0.01	19.8	20	
Benzaldehyde	A	30.0	34.4	0.7704516	0.8831931	0.01	14.6	20	
Benzidine	A	30.0	28.6	0.4311975	0.4106019		-4.8	20	
Benzo(a)anthracene	A	30.0	34.4	1.038933	1.189438	0.8	14.5	20	
Benzo(a)pyrene	A	30.0	34.9	0.9394431	1.092084	0.7	16.2	20	
Benzo(b)fluoranthene	A	30.0	34.8	0.9846528	1.143699	0.7	16.2	20	
Benzo(g,h,i)perylene	A	30.0	38.1	0.8305084	1.054051	0.5	26.9	20	*
Benzo(k)fluoranthene	A	30.0	34.2	1.000213	1.138454	0.7	13.8	20	
Benzoic acid	A	30.0	35.1	0.2322304	0.2718262		17.1	20	
Benzyl alcohol	A	30.0	33.5	0.7237833	0.8082598		11.7	20	
Benzyl butyl phthalate	A	30.0	37.2	0.3884592	0.4810589		23.8	20	*
Bis(2-chloroethoxy)methane	A	30.0	32.8	0.3078945	0.3368468	0.3	9.4	20	
Bis(2-chloroethyl)ether	A	30.0	33.8	0.9981323	1.122939	0.7	12.5	20	
Bis(2-chloroisopropyl)ether	A	30.0	35.4	0.9547683	1.126091	0.01	17.9	20	
Bis(2-ethylhexyl)phthalate	A	30.0	37.0	0.4921376	0.6065199		23.2	20	*
Caprolactam	A	30.0	32.1	7.904031E-02	8.461351E-02	0.01	7.1	20	
Carbazole	A	30.0	32.8	0.821372	0.8975085	0.01	9.3	20	
Chrysene	A	30.0	34.7	0.9253836	1.069125	0.7	15.5	20	
Dibenzo(a,h)anthracene	A	30.0	36.5	0.8804778	1.072057	0.4	21.8	20	*
Dibenzofuran	A	30.0	34.6	1.400045	1.61671	0.8	15.5	20	
Diethyl phthalate	A	30.0	34.2	1.208878	1.379206	0.01	14.1	20	
Dimethyl phthalate	A	30.0	33.8	1.173104	1.323138	0.01	12.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #1	Calibration:	SE50016
Lab File ID:	BNA1-033026.D	Calibration Date:	05/08/25 00:10
Sequence:	S5E1311	Injection Date:	05/12/25
Lab Sample ID:	S5E1311-CCV1	Injection Time:	15:07

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate	A	30.0	34.6	0.9526632	1.097394	0.01	15.2	20	
Di-n-octyl phthalate	A	30.0	37.1	0.8393396	1.03802	0.01	23.7	20	*
Fluoranthene	A	30.0	33.2	1.110805	1.228963	0.6	10.6	20	
Fluorene	A	30.0	34.5	1.211337	1.391886	0.9	14.9	20	
Hexachlorobenzene	A	30.0	34.2	8.243522E-02	9.385441E-02	0.1	13.9	20	
Hexachlorobutadiene	A	30.0	32.4	0.1872018	0.2021478	0.01	8.0	20	
Hexachlorocyclopentadiene	A	30.0	40.3	0.301551	0.4049289	0.05	34.3	20	*
Hexachloroethane	A	30.0	33.9	0.4878044	0.5518717	0.3	13.1	20	
Indeno(1,2,3-cd)pyrene	A	30.0	37.6	0.8920075	1.117166	0.5	25.2	20	*
Isophorone	A	30.0	32.7	0.6071535	0.6611488	0.4	8.9	20	
Naphthalene	A	30.0	32.6	0.8216736	0.8933005	0.7	8.7	20	
Nitrobenzene	A	30.0	33.1	0.3481444	0.3841439	0.2	10.3	20	
N-Nitrosodimethylamine	A	30.0	32.8	0.6682809	0.731339		9.4	20	
N-nitroso-di-n-propylamine	A	30.0	33.6	1.023649	1.1466	0.5	12.0	20	
N-Nitrosodiphenylamine	A	30.0	35.3	0.1463064	0.1720754	0.01	17.6	20	
Pentachlorophenol	A	30.0	34.5	0.1488952	0.1710981	0.05	14.9	20	
Phenanthrene	A	30.0	33.9	0.8908252	1.006898	0.7	13.0	20	
Phenol	A	30.0	33.4	1.29611	1.440809	0.8	11.2	20	
Pyrene	A	30.0	35.7	0.9626465	1.146267	0.6	19.1	20	
Pyridine	A	30.0	32.7	1.101124	1.199649		8.9	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #7	Calibration:	SB50011
Lab File ID:	E70359690a.D	Calibration Date:	01/30/25 00:01
Sequence:	S5E1424	Injection Date:	05/12/25
Lab Sample ID:	S5E1424-CCV1	Injection Time:	08:57

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	28.2	0.6277786	0.5908624	0.01	-5.9	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	27.8	0.6783484	0.6293955	0.01	-7.2	20	
1,2,4-Trichlorobenzene	A	30.0	26.4	0.4305334	0.3786336		-12.1	20	
1,2-Dichlorobenzene	A	30.0	29.0	1.448174	1.398673		-3.4	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	22.8	1.199946	0.9132677		-23.9	20	*
1,3-Dichlorobenzene	A	30.0	28.2	1.488593	1.397837		-6.1	20	
1,4-Dichlorobenzene	A	30.0	29.0	1.499074	1.451083		-3.2	20	
2,3,4,6-Tetrachlorophenol X	A	30.0	22.4	0.1803016	0.1344595	0.01	-25.4	20	*
2,4,5-Trichlorophenol	A	30.0	28.7	0.4802436	0.458723	0.2	-4.5	20	
2,4,6-Trichlorophenol	A	30.0	27.3	0.4298373	0.3915462	0.2	-8.9	20	
2,4-Dichlorophenol	A	30.0	25.2	0.4185487	0.3513467	0.2	-16.1	20	
2,4-Dimethylphenol	A	30.0	24.5	0.4072984	0.3329762	0.2	-18.2	20	
2,4-Dinitrophenol	A	30.0	33.4	0.1111151	0.1236593	0.01	11.3	20	
2,4-Dinitrotoluene	A	30.0	28.8	0.4718781	0.4535369	0.2	-3.9	20	
2,6-Dinitrotoluene	A	30.0	30.7	0.3606125	0.3691673	0.2	2.4	20	
2-Chloronaphthalene	A	30.0	28.4	1.116451	1.056056	0.8	-5.4	20	
2-Chlorophenol	A	30.0	27.0	1.457322	1.312483	0.8	-9.9	20	
2-Methylnaphthalene	A	30.0	34.1	0.8431219	0.9590397	0.4	13.7	20	
2-Methylphenol	A	30.0	25.7	1.232404	1.054052	0.7	-14.5	20	
2-Nitroaniline	A	30.0	27.8	0.4346946	0.402723	0.01	-7.4	20	
2-Nitrophenol	A	30.0	24.5	0.2818738	0.2299208	0.1	-18.4	20	
3- & 4-Methylphenols	A	30.0	24.7	1.831985	1.509432	0.6	-17.6	20	
3,3-Dichlorobenzidine	A	30.0	31.2	0.5287525	0.5504782	0.01	4.1	20	
3-Nitroaniline	A	30.0	25.6	0.40344	0.3440457	0.01	-14.7	20	
4,6-Dinitro-2-methylphenol	A	30.0	34.4	0.1387522	0.1592781	0.01	14.8	20	
4-Bromophenyl phenyl ether	A	30.0	25.9	0.2942564	0.2544366	0.1	-13.5	20	
4-Chloro-3-methylphenol X	A	30.0	23.6	0.5011078	0.394187	0.2	-21.3	20	*
4-Chloroaniline	A	30.0	25.6	0.5527896	0.4707918	0.01	-14.8	20	
4-Chlorophenyl phenyl ether	A	30.0	28.5	0.7598264	0.7222842	0.4	-4.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #7	Calibration:	SB50011
Lab File ID:	E70359690a.D	Calibration Date:	01/30/25 00:01
Sequence:	S5E1424	Injection Date:	05/12/25
Lab Sample ID:	S5E1424-CCV1	Injection Time:	08:57

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	27.2	0.3967543	0.3594798	0.01	-9.4	20	
4-Nitrophenol X	A	30.0	17.9	0.349695	0.2087674	0.01	-40.3	20	*
Acenaphthene	A	30.0	29.4	1.095142	1.075003	0.9	-1.8	20	
Acenaphthylene	A	30.0	29.1	1.675548	1.624073	0.9	-3.1	20	
Acetophenone	A	30.0	24.6	2.195222	1.80002	0.01	-18.0	20	
Aniline	A	30.0	25.0	1.970356	1.640188		-16.8	20	
Anthracene	A	30.0	29.4	1.177836	1.154757	0.7	-2.0	20	
Atrazine X	A	30.0	23.1	0.3340862	0.2576653	0.01	-22.9	20	*
Benzaldehyde	A	30.0	25.6	1.204791	1.026572	0.01	-14.8	20	
Benzidine	A	30.0	25.6	0.6539886	0.5590202		-14.5	20	
Benzo(a)anthracene	A	30.0	29.0	1.325326	1.278792	0.8	-3.5	20	
Benzo(a)pyrene	A	30.0	30.6	1.180638	1.205006	0.7	2.1	20	
Benzo(b)fluoranthene	A	30.0	28.3	1.218048	1.150239	0.7	-5.6	20	
Benzo(g,h,i)perylene	A	30.0	29.9	1.040588	1.03788	0.5	-0.3	20	
Benzo(k)fluoranthene	A	30.0	30.2	1.230545	1.239786	0.7	0.8	20	
Benzoic acid	A	30.0	7.37	0.2405072	5.908048E-02		-75.4	20	*
Benzyl alcohol	A	30.0	26.2	1.036096	0.9033057		-12.8	20	
Benzyl butyl phthalate	A	30.0	29.8	0.6571141	0.6530446		-0.6	20	
Bis(2-chloroethoxy)methane	A	30.0	24.6	0.5764187	0.4724894	0.3	-18.0	20	
Bis(2-chloroethyl)ether	A	30.0	26.9	1.603281	1.437686	0.7	-10.3	20	
Bis(2-chloroisopropyl)ether	A	30.0	25.6	0.9779264	0.8361722	0.01	-14.5	20	
Bis(2-ethylhexyl)phthalate	A	30.0	28.6	0.9244504	0.8807601		-4.7	20	
Caprolactam	A	30.0	24.7	0.1828598	0.1507642	0.01	-17.6	20	
Carbazole	A	30.0	28.1	1.230729	1.151968	0.01	-6.4	20	
Chrysene	A	30.0	29.1	1.261975	1.222568	0.7	-3.1	20	
Dibenzo(a,h)anthracene	A	30.0	30.4	1.095182	1.108203	0.4	1.2	20	
Dibenzofuran	A	30.0	27.9	1.631035	1.516742	0.8	-7.0	20	
Diethyl phthalate	A	30.0	28.0	1.366452	1.275838	0.01	-6.6	20	
Dimethyl phthalate	A	30.0	29.0	1.324311	1.280138	0.01	-3.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #7	Calibration:	SB50011
Lab File ID:	E70359690a.D	Calibration Date:	01/30/25 00:01
Sequence:	S5E1424	Injection Date:	05/12/25
Lab Sample ID:	S5E1424-CCV1	Injection Time:	08:57

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate	A	30.0	30.4	1.298698	1.315182	0.01	1.3	20	
Di-n-octyl phthalate	A	30.0	30.3	1.418931	1.435109	0.01	1.1	20	
Fluoranthene	A	30.0	30.0	1.343999	1.343165	0.6	-0.06	20	
Fluorene	A	30.0	27.4	1.35035	1.234705	0.9	-8.6	20	
Hexachlorobenzene X	A	30.0	23.0	0.1465515	0.1125384	0.1	-23.2	20	*
Hexachlorobutadiene	A	30.0	27.3	0.2647027	0.2408031	0.01	-9.0	20	
Hexachlorocyclopentadiene	A	30.0	24.3	0.2972886	0.2403801	0.05	-19.1	20	
Hexachloroethane	A	30.0	27.2	0.6693971	0.6063101	0.3	-9.4	20	
Indeno(1,2,3-cd)pyrene	A	30.0	28.8	1.034834	0.9951869	0.5	-3.8	20	
Isophorone	A	30.0	25.1	0.9813223	0.8213164	0.4	-16.3	20	
Naphthalene	A	30.0	26.2	1.11459	0.9740532	0.7	-12.6	20	
Nitrobenzene	A	30.0	25.0	0.5956335	0.4952831	0.2	-16.8	20	
N-Nitrosodimethylamine	A	30.0	29.9	1.050498	1.048099		-0.2	20	
N-nitroso-di-n-propylamine	A	30.0	25.4	1.314827	1.114561	0.5	-15.2	20	
N-Nitrosodiphenylamine	A	30.0	24.7	0.2667115	0.2198414	0.01	-17.6	20	
Pentachlorophenol X	A	30.0	15.1	8.188968E-02	4.131085E-02	0.05	-49.6	20	*
Phenanthrene	A	30.0	28.4	1.140617	1.078467	0.7	-5.4	20	
Phenol X	A	30.0	21.6	2.181436	1.573798	0.8	-27.9	20	*
Pyrene	A	30.0	29.6	1.343516	1.327941	0.6	-1.2	20	
Pyridine	A	30.0	30.7	1.686224	1.725963		2.4	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles Data
for York Analytical Laboratories, Inc., SDG: 25E0127

1 Field Blank*
Collected May 2, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: The sample was extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for pentachlorophenol was above the allowable maximum (20%) on 05-09-25 (SV503279.D). Positive results for pentachlorophenol should be considered estimated (J) in associated samples.

Blanks: Method blank BE50626-BLK2 contained a trace of pentachlorophenol (0.810 ug/L). Positive results for pentachlorophenol that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported samples.

Laboratory Control Sample: The percent recoveries (%Rs) for hexachloroethane and pentachlorophenol were above QC limits for aqueous sample BE50626-BS2. Positive results for these compounds should be considered estimated, biased high (J+) in the associated aqueous samples.

The %R for n-nitrosodimethylamine was below QC limits and below 30% for aqueous sample BE50626-BS2. Positive results for n-nitrosodimethylamine should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in the associated aqueous samples.

Compound ID: Checked compound results were within GC quantitation limits.

* - This data is not applicable to the soil samples.

z:\projects\2025\25600 - 25620\25615-30-32 38th ave\task 1 dusr\temp-review\corrections made 2025\25e0127.sim.docx

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50626	Laboratory ID:	BE50626-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.710	71.0	25 - 116
Acenaphthylene	1.00	0.750	75.0	26 - 116
Anthracene	1.00	0.690	69.0	25 - 123
Benzo(a)anthracene	1.00	0.790	79.0	33 - 125
Benzo(a)pyrene	1.00	0.730	73.0	32 - 132
Benzo(b)fluoranthene	1.00	0.890	89.0	22 - 137
Benzo(g,h,i)perylene	1.00	0.910	91.0	10 - 138
Benzo(k)fluoranthene	1.00	0.860	86.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	0.900	90.0	10 - 189
Chrysene	1.00	0.800	80.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.890	89.0	16 - 133
Fluoranthene	1.00	0.820	82.0	32 - 121
Fluorene	1.00	0.780	78.0	28 - 118
Hexachlorobenzene	1.00	0.820	82.0	23 - 124
Hexachlorobutadiene	1.00	0.520	52.0	15 - 123
Hexachloroethane	1.00	2.82	282 *	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.870	87.0	15 - 135
Naphthalene	1.00	0.680	68.0	18 - 120
Nitrobenzene	1.00	0.420	42.0	21 - 121
N-Nitrosodimethylamine	1.00	ND	0 *	10 - 124
Pentachlorophenol	1.00	2.90	290 *	10 - 156
Phenanthrene	1.00	0.770	77.0	24 - 127
Pyrene	1.00	0.810	81.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0127
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Water	Laboratory ID:	BE50626-BLK2	File ID:	SV503280.D
Prepared:	05/08/25 13:43	Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL
Analyzed:	05/09/25 09:42	Instrument:	BNA #5		
Batch:	BE50626	Sequence:	S5E0945	Calibration:	SE50006

CAS NO.	COMPOUND	CONC. (ug/L)	Q
83-32-9	Acenaphthene	0.0500	U
208-96-8	Acenaphthylene	0.0500	U
120-12-7	Anthracene	0.0500	U
1912-24-9	Atrazine	0.500	U
56-55-3	Benzo(a)anthracene	0.0500	U
50-32-8	Benzo(a)pyrene	0.0500	U
205-99-2	Benzo(b)fluoranthene	0.0500	U
191-24-2	Benzo(g,h,i)perylene	0.0500	U
207-08-9	Benzo(k)fluoranthene	0.0500	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.500	U
218-01-9	Chrysene	0.0500	U
53-70-3	Dibenzo(a,h)anthracene	0.0500	U
206-44-0	Fluoranthene	0.0500	U
86-73-7	Fluorene	0.0500	U
118-74-1	Hexachlorobenzene	0.0200	U
87-68-3	Hexachlorobutadiene	0.500	U
67-72-1	Hexachloroethane	0.500	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.0500	U
91-20-3	Naphthalene	0.0500	U
98-95-3	Nitrobenzene	0.250	U
62-75-9	N-Nitrosodimethylamine	0.500	U
87-86-5	Pentachlorophenol	0.810	
85-01-8	Phenanthrene	0.0500	U
129-00-0	Pyrene	0.0500	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	5846626	8.23	5308730	8.22	
ISTD: Acenaphthene-d10	8948843	12.25	7845171	12.25	
ISTD: Chrysene-d12	12582310	18.16	10246740	18.16	
ISTD: Naphthalene-d8	15382390	9.83	13785140	9.83	
ISTD: Perylene-d12	13756130	20.12	11222620	20.12	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #5	Calibration:	SE50006
Lab File ID:	SV503279.D	Calibration Date:	05/06/25 13:21
Sequence:	S5E0945	Injection Date:	05/09/25
Lab Sample ID:	S5E0945-CCV1	Injection Time:	08:46

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acenaphthene	A	1.00	1.03	0.9153617	0.9439738		3.1	30	
Acenaphthylene	A	1.00	1.01	1.406591	1.415271		0.6	30	
Anthracene	A	1.00	1.02	0.9471937	0.9695181		2.4	30	
Atrazine	A	2.50	2.54	0.1945444	0.1972786		1.4	30	
Benzo(a)anthracene	A	1.00	0.940	1.232657	1.157519		-6.1	30	
Benzo(a)pyrene	A	1.00	1.00	1.001643	0.9969925		-0.5	30	
Benzo(b)fluoranthene	A	1.00	1.09	1.045951	1.143319		9.3	30	
Benzo(g,h,i)perylene	A	1.00	0.980	1.024862	1.001611		-2.3	30	
Benzo(k)fluoranthene	A	1.00	1.16	1.115427	1.297771		16.3	30	
Bis(2-ethylhexyl)phthalate	A	2.50	2.29	0.8891848	0.8144157		-8.4	30	
Chrysene	A	1.00	1.02	1.128649	1.151179		2.0	30	
Dibenzo(a,h)anthracene	A	1.00	1.00	1.039111	1.036268		-0.3	30	
Fluoranthene	A	1.00	0.980	1.034931	1.01675		-1.8	30	
Fluorene	A	1.00	1.05	1.106709	1.166653		5.4	30	
Hexachlorobenzene	A	0.100	0.100	0.1807254	0.180955		0.1	30	
Hexachlorobutadiene	A	2.50	2.68	0.1403814	0.1506126		7.3	30	
Hexachloroethane	A	2.50	2.76	5.257553E-02	5.794712E-02		10.2	30	
Indeno(1,2,3-cd)pyrene	A	1.00	0.990	1.242507	1.23157		-0.9	30	
Naphthalene	A	1.00	1.05	0.8639774	0.9084162		5.1	30	
Nitrobenzene	A	2.50	1.42	0.7612535	0.867525		14.0	30	
N-Nitrosodimethylamine	A	2.50	2.80	0.3891554	0.4360184		12.0	30	
Pentachlorophenol	A	1.50	2.49	1.916425E-02	3.175527E-02		65.7	30	*
Phenanthrene	A	1.00	0.990	0.9391124	0.9309074		-0.9	30	
Pyrene	A	1.00	1.02	1.288924	1.314535		2.0	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane Data
for York Analytical Laboratories, Inc., SDG: 25E0127

9 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 2, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analyses of the method and field blanks reported 1,4-dioxane as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples and field blank.

Laboratory Control Sample: The percent recoveries for 1,4-dioxane were within QC limits for soil sample BE50803-BS1 and aqueous sample BE50391-BS1.

Field Duplicates: The analyses of soil field duplicate pair 25SB-2 (0-2)/25-SB-DUP-1(0-2) reported 1,4-dioxane as not detected; therefore, a valid relative percent difference could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogate results were within quantitation limits. The analyses of the soil samples reported 1,4-dioxane as not detected.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Pesticide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8081B Pesticide Data for
York Analytical Laboratories, Inc., SDG: 25E0127

9 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 2, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target pesticides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both column for the soil samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target pesticides were below the allowable maximum and the percent recoveries were within QC limits on both columns for soil MS/MSD samples 25SB-10 (2-4) and 25SB-4 (11-13).

Laboratory Control Sample: The percent recoveries (%Rs) for target pesticides were within QC limits on both columns for soil samples BE50796-BS1 and BE50801-BS1.

The %Rs for target pesticides were within QC limits on the both columns, but the relative percent differences for 9 pesticides (highlighted yellow on attached FORM III) were above the allowable maximum for aqueous samples BE50387-BS1/BSD1. Positive results for these pesticides should be considered estimated (J) in associated aqueous samples.

Field Duplicates: The analyses of soil field duplicate pair 25SB-2 (0-2)/25-SB-DUP-1(0-2) reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The %RSDs for target pesticides were below the allowable maximum (20%) or the Quad CODs were above the allowable minimum (0.99) for both columns, as required.

Continuing Calibration: The %Ds for endrin and heptachlor were above the allowable maximum (20%) for the primary column on 05-06-25 (P20530083.D). Positive results for these pesticides should be considered estimated (J) in associated samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (15%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: Checked surrogates were within GC quantitation limits. The analyses of the soil samples reported target single component pesticides as not detected.

Pesticide Identification Summary for Multicomponent Analytes: The analyses of the soil samples reported target multi-component pesticides as not detected.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50387	Laboratory ID:	BE50387-BS1
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
4,4'-DDD	0.100	0.0748	74.8	40 - 140
4,4'-DDD [2C]	0.100	0.0738	73.8	40 - 140
4,4'-DDE	0.100	0.0652	65.2	40 - 140
4,4'-DDE [2C]	0.100	0.0645	64.5	40 - 140
4,4'-DDT	0.100	0.0861	86.1	40 - 140
4,4'-DDT [2C]	0.100	0.0790	79.0	40 - 140
Aldrin	0.100	0.0424	42.4	40 - 140
Aldrin [2C]	0.100	0.0436	43.6	40 - 140
alpha-BHC	0.100	0.0593	59.3	40 - 140
alpha-BHC [2C]	0.100	0.0569	56.9	40 - 140
alpha-Chlordane	0.100	0.0616	61.6	40 - 140
alpha-Chlordane [2C]	0.100	0.0590	59.0	40 - 140
beta-BHC	0.100	0.0714	71.4	40 - 140
beta-BHC [2C]	0.100	0.0663	66.3	40 - 140
delta-BHC	0.100	0.0527	52.7	40 - 140
delta-BHC [2C]	0.100	0.0506	50.6	40 - 140
Dieldrin	0.100	0.0667	66.7	40 - 140
Dieldrin [2C]	0.100	0.0615	61.5	40 - 140
Endosulfan I	0.100	0.0652	65.2	40 - 140
Endosulfan I [2C]	0.100	0.0650	65.0	40 - 140
Endosulfan II	0.100	0.0783	78.3	40 - 140
Endosulfan II [2C]	0.100	0.0759	75.9	40 - 140
Endosulfan sulfate	0.100	0.0784	78.4	40 - 140
Endosulfan sulfate [2C]	0.100	0.0731	73.1	40 - 140
Endrin	0.100	0.0756	75.6	40 - 140
Endrin [2C]	0.100	0.0677	67.7	40 - 140
Endrin aldehyde	0.100	0.0818	81.8	40 - 140
Endrin aldehyde [2C]	0.100	0.0823	82.3	40 - 140
Endrin ketone	0.100	0.0933	93.3	40 - 140
Endrin ketone [2C]	0.100	0.0744	74.4	40 - 140

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50387	Laboratory ID:	BE50387-BS1
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
gamma-BHC (Lindane)	0.100	0.0612	61.2	40 - 140
gamma-BHC (Lindane) [2C]	0.100	0.0592	59.2	40 - 140
gamma-Chlordane	0.100	0.0619	61.9	40 - 140
gamma-Chlordane [2C]	0.100	0.0592	59.2	40 - 140
Heptachlor	0.100	0.0550	55.0	40 - 140
Heptachlor [2C]	0.100	0.0497	49.7	40 - 140
Heptachlor epoxide	0.100	0.0667	66.7	40 - 140
Heptachlor epoxide [2C]	0.100	0.0616	61.6	40 - 140
Methoxychlor	0.100	0.0938	93.8	40 - 140
Methoxychlor [2C]	0.100	0.0849	84.9	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50387	Laboratory ID:	BE50387-BSD1
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4,4'-DDD	0.100	0.0923	92.3	21.0 *	20	40 - 140
4,4'-DDD [2C]	0.100	0.0893	89.3	19.0	20	40 - 140
4,4'-DDE	0.100	0.0808	80.8	21.3 *	20	40 - 140
4,4'-DDE [2C]	0.100	0.0777	77.7	18.5	20	40 - 140
4,4'-DDT	0.100	0.106	106	21.1 *	20	40 - 140
4,4'-DDT [2C]	0.100	0.0965	96.5	20.0	20	40 - 140
Aldrin	0.100	0.0569	56.9	29.2 *	20	40 - 140
Aldrin [2C]	0.100	0.0551	55.1	23.2 *	20	40 - 140
alpha-BHC	0.100	0.0712	71.2	18.2	20	40 - 140
alpha-BHC [2C]	0.100	0.0691	69.1	19.4	20	40 - 140
alpha-Chlordane	0.100	0.0744	74.4	18.8	20	40 - 140
alpha-Chlordane [2C]	0.100	0.0715	71.5	19.2	20	40 - 140
beta-BHC	0.100	0.0850	85.0	17.4	20	40 - 140
beta-BHC [2C]	0.100	0.0801	80.1	18.8	20	40 - 140
delta-BHC	0.100	0.0630	63.0	17.8	20	40 - 140
delta-BHC [2C]	0.100	0.0609	60.9	18.4	20	40 - 140
Dieldrin	0.100	0.0822	82.2	20.9 *	20	40 - 140
Dieldrin [2C]	0.100	0.0742	74.2	18.8	20	40 - 140
Endosulfan I	0.100	0.0815	81.5	22.3 *	20	40 - 140
Endosulfan I [2C]	0.100	0.0791	79.1	19.6	20	40 - 140
Endosulfan II	0.100	0.0952	95.2	19.5	20	40 - 140
Endosulfan II [2C]	0.100	0.0916	91.6	18.7	20	40 - 140
Endosulfan sulfate	0.100	0.0956	95.6	19.8	20	40 - 140
Endosulfan sulfate [2C]	0.100	0.0890	89.0	19.6	20	40 - 140
Endrin	0.100	0.0935	93.5	21.1 *	20	40 - 140
Endrin [2C]	0.100	0.0827	82.7	20.0	20	40 - 140
Endrin aldehyde	0.100	0.0961	96.1	16.0	20	40 - 140
Endrin aldehyde [2C]	0.100	0.0950	95.0	14.3	20	40 - 140
Endrin ketone	0.100	0.115	115	20.7 *	20	40 - 140
Endrin ketone [2C]	0.100	0.0915	91.5	20.6 *	20	40 - 140

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50387	Laboratory ID:	BE50387-BSD1
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	0.100	0.0735	73.5	18.2	20	40 - 140
gamma-BHC (Lindane) [2C]	0.100	0.0723	72.3	19.8	20	40 - 140
gamma-Chlordane	0.100	0.0756	75.6	20.0	20	40 - 140
gamma-Chlordane [2C]	0.100	0.0720	72.0	19.5	20	40 - 140
Heptachlor	0.100	0.0688	68.8	22.3 *	20	40 - 140
Heptachlor [2C]	0.100	0.0628	62.8	23.3 *	20	40 - 140
Heptachlor epoxide	0.100	0.0812	81.2	19.5	20	40 - 140
Heptachlor epoxide [2C]	0.100	0.0749	74.9	19.5	20	40 - 140
Methoxychlor	0.100	0.116	116	21.6 *	20	40 - 140
Methoxychlor [2C]	0.100	0.104	104	20.4 *	20	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	GC_5890_I	Calibration:	SD50018
Lab File ID:	P20530083.d	Calibration Date:	04/14/25 17:33
Sequence:	S5E0709	Injection Date:	05/06/25
Lab Sample ID:	S5E0709-CCV1	Injection Time:	09:54

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4,4'-DDD	A	50.0	53.4	8257364	9204000		6.8	20	
4,4'-DDD [2C]	A	50.0	48.1	1.135782E+07	1.0454E+07		-3.7	20	
4,4'-DDE	A	50.0	53.0	1.098324E+07	1.2088E+07		6.1	20	
4,4'-DDE [2C]	A	50.0	47.4	1.628143E+07	1.3692E+07		-5.2	20	
4,4'-DDT	A	50.0	58.6	7567395	9098000		17.1	20	
4,4'-DDT [2C]	A	50.0	56.2	1.095943E+07	1.2256E+07		12.4	20	
Aldrin	A	50.0	58.2	1.361346E+07	1.6394E+07		16.5	20	
Aldrin [2C]	A	50.0	55.1	1.869698E+07	2.049E+07		10.3	20	
alpha-BHC	A	50.0	57.5	1.545069E+07	1.919E+07		15.1	20	
alpha-BHC [2C]	A	50.0	56.1	2.153551E+07	2.4784E+07		12.1	20	
alpha-Chlordane	A	50.0	57.4	1.212901E+07	1.3746E+07		14.9	20	
alpha-Chlordane [2C]	A	50.0	54.0	1.666769E+07	1.6842E+07		8.0	20	
beta-BHC	A	50.0	58.1	6636350	6286000		16.2	20	
beta-BHC [2C]	A	50.0	56.5	9598379	8318000		13.0	20	
delta-BHC	A	50.0	56.8	1.462365E+07	1.5864E+07		13.7	20	
delta-BHC [2C]	A	50.0	55.5	1.988151E+07	2.034E+07		11.0	20	
Dieldrin	A	50.0	57.2	1.219744E+07	1.441E+07		14.4	20	
Dieldrin [2C]	A	50.0	55.6	1.612684E+07	1.7258E+07		11.2	20	
Endosulfan I	A	50.0	59.4	1.107507E+07	1.2948E+07		18.7	20	
Endosulfan I [2C]	A	50.0	54.8	1.48405E+07	1.4966E+07		9.5	20	
Endosulfan II	A	50.0	56.8	1.008137E+07	1.0786E+07		13.7	20	
Endosulfan II [2C]	A	50.0	51.6	1.447695E+07	1.2522E+07		3.2	20	
Endosulfan sulfate	A	50.0	57.8	9984358	1.0334E+07		15.5	20	
Endosulfan sulfate [2C]	A	50.0	53.0	1.366798E+07	1.2222E+07		5.9	20	
Endrin	A	50.0	60.3	1.048109E+07	1.2694E+07		20.7	20	*
Endrin [2C]	A	50.0	57.5	1.394355E+07	1.4922E+07		15.0	20	
gamma-BHC (Lindane)	A	50.0	57.8	1.390101E+07	1.6788E+07		15.6	20	
gamma-BHC (Lindane) [2C]	A	50.0	56.7	1.922805E+07	2.1858E+07		13.3	20	
Heptachlor	A	50.0	60.8	1.21524E+07	1.4266E+07		21.6	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	GC_5890_I	Calibration:	SD50018
Lab File ID:	P20530083.d	Calibration Date:	04/14/25 17:33
Sequence:	S5E0709	Injection Date:	05/06/25
Lab Sample ID:	S5E0709-CCV1	Injection Time:	09:54

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Heptachlor [2C]	A	50.0	58.8	1.810894E+07	2.0222E+07		17.5	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8082A PCB Data for
York Analytical Laboratories, Inc., SDG: 25E0127

9 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 2, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both column for the soil samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences (RPDs) for aroclor 1016 and aroclor 1260 were below the allowable maximum and the percent recoveries (%Rs) were within QC limits on both columns for soil MS/MSD sample 25SB-4 (11-13).

The RPDs for aroclor 1016 and aroclor 1260 were below the allowable maximum, but 1 of 2 %Rs for aroclor 1016 were below QC limits, but not below10% on both columns for soil MS/MSD samples 25SB-10 (2-4). The "not detected" result for aroclor 1016 should be considered estimated (UJ) in sample 25SB-10 (2-4).

Laboratory Control Sample: The percent recoveries for aroclor 1016 and aroclor 1260 were within QC limits on both columns for soil samples BE50795-BS2 and BE50800-BS2.

The RPDs for aroclor 1016 and aroclor 1260 were below the allowable maximum, but 1 of 2 %Rs for aroclor 1016 was within QC limits, but not below 10% on the primary column for aqueous samples BE50386-BS2/BSD2. The positive results for aroclor 1016 should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Field Duplicates: The analyses of soil field duplicate pair 25SB-2 (0-2)/25-SB-DUP-1(0-2) reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The %RSDs for target aroclors were below the allowable maximum (20%) or the Quad CODs were above the allowable minimum (0.99) for both columns, as required.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Continuing Calibration: The average %Ds for target aroclors were below the allowable maximum (20%), as required.

PCB Identification Summary: Checked surrogate results were within GC quantitation limits. The RPD for dual column quantitation of aroclor 1262 in sample 25 SB-10 (0-2) was below the allowable maximum (25%), as required.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8082A

25SB-10 (2-4)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50795	Laboratory ID:	BE50795-MS2
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL

Source Sample Name: 25SB-10 (2-4)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Aroclor 1016	0.354	ND	0.156	44.0	40 - 140
Aroclor 1016 [2C]	0.354	ND	0.173	49.0	40 - 140
Aroclor 1260	0.354	ND	0.194	54.8	40 - 140
Aroclor 1260 [2C]	0.354	ND	0.223	63.0	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8082A

25SB-10 (2-4)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50795	Laboratory ID:	BE50795-MSD2
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL

Source Sample Name: 25SB-10 (2-4)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor 1016	0.354	0.125	35.2	*	22.3	50	40 - 140
Aroclor 1016 [2C]	0.354	0.139	39.3	*	21.9	50	40 - 140
Aroclor 1260	0.354	0.185	52.2		4.90	50	40 - 140
Aroclor 1260 [2C]	0.354	0.208	58.7		7.03	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8082A

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50386	Laboratory ID:	BE50386-BS2
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Aroclor 1016	1.00	0.752	75.2	40 - 120
Aroclor 1016 [2C]	1.00	0.791	79.1	40 - 120
Aroclor 1260	1.00	0.780	78.0	40 - 120
Aroclor 1260 [2C]	1.00	0.850	85.0	40 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8082A

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50386	Laboratory ID:	BE50386-BSD2
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor 1016	1.00	0.607	60.7	21.4 *	20	40 - 120
Aroclor 1016 [2C]	1.00	0.652	65.2	19.3	30	40 - 120
Aroclor 1260	1.00	0.642	64.2	19.4	20	40 - 120
Aroclor 1260 [2C]	1.00	0.707	70.7	18.5	30	40 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
York Analytical Laboratories, Inc., SDG: 25E0127

9 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 2, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The Quad COD for applicable PFAS were above the allowable minimum (0.995) and the %RSDs were below the allowable maximum (20%), as required.

Continuing Calibration: The %Ds for PFNS and PFDoS was above the allowable maximum (30%) on 05-08-25 (QQQ53157.d). Positive results for these PFAS should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and field blanks reported target PFAS as not detected.

Internal Standard Area Summary: The internal standard retention times were within control limits.

Surrogate Recovery: One of twenty-four surrogate recoveries for sample FB-1 was above QC limits. Positive results associated with the surrogate above QC limits should be considered estimated (J) in the samples.

One of twenty-four surrogate recoveries for sample 25-SB-DUP-1(0-2) was below QC limits, but not below 10%. Positive and "not detected" results associated with the surrogate below QC limits should be considered estimated (J, UJ) in the sample.

One of twenty-four surrogate recoveries for samples 25SB-4 (11-13), 25SB-10 (2-4), 25SB-10 (11-13), and FB-1 was below QC limits and below 10%. Positive results associated with the surrogate below QC limits should be considered estimated (J) and "not detected" results rejected, unusable (R) in the sample.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for 11CL-PF3OUdS was above the allowable maximum; 2 of 2 percent recoveries (%Rs) for PFMBA were above QC limits; and 2 of 2 %Rs for PFMPA were below QC limits, but not below 10% for soil MS sample 25SB-4 (11-13). The "not detected" result for PFMPA should be considered estimated (UJ) in sample 25SB-4 (11-13).

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Laboratory Control Sample: The percent recovery (%R) for PFMPA was below QC limits, but not below 10% for soil sample BE50298-BS1. Positive results for PFMPA should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

The %R for PFDoS was below QC limits, but not below 30% for aqueous sample BE50530-BS1. Positive results for PFDoS should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

The %R for PFMPA was below QC limits and below 30% for aqueous sample BE50530-BS1. Positive results for PFMPA should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

Field Duplicates: The analyses of soil field duplicate pair 25SB-2 (0-2)/25-SB-DUP-1(0-2) reported target PFAS as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogate results were within LC quantitation limits. The analyses of the soil samples reported target PFAS as not detected.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0127

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E0708 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25-SB-DUP-1(0-2) (25E0127-01)			Lab File ID: QQQ53057.d		Analyzed: 05/06/25 15:18			
M3PFBS	2.57	118	25 - 150	5.270233	5.288692	-0.0185	+/-1.00	
M5PFHxA	2.76	115	25 - 150	6.158283	6.127733	0.0305	+/-1.00	
M4PFHpA	2.76	110	25 - 150	7.040367	6.91665	0.1237	+/-1.00	
M3PFHxS	2.62	116	25 - 150	7.150033	7.015661	0.1344	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.76	114	25 - 150	7.735967	7.551858	0.1841	+/-1.00	
M6PFDA	1.38	108	25 - 150	8.82915	8.635862	0.1933	+/-1.00	
M7PFUdA	1.38	92.9	25 - 150	9.254916	9.086467	0.1684	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.38	90.0	25 - 150	9.633417	9.484887	0.1485	+/-1.00	
M2PFTeDA	1.38	73.0	10 - 150	10.22127	10.14503	0.0762	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.1	15.9	25 - 150	1.177267	1.191037	-0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.65	136	25 - 150	8.365483	8.156588	0.2089	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.53	75.2	25 - 150	4.384717	4.40081	-0.0161	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.76	116	10 - 150	9.416717	9.234681	0.1820	+/-1.00	
d3-N-MeFOSAA	5.53	111	25 - 150	9.0319	8.842819	0.1891	+/-1.00	
d5-N-EtFOSAA	5.53	124	25 - 150	9.244667	9.069258	0.1754	+/-1.00	
M2-6:2 FTS	5.25	146	25 - 200	7.6795	7.499358	0.1801	+/-1.00	
M2-8:2 FTS	5.30	141	25 - 200	8.799833	8.608047	0.1918	+/-1.00	
M9PFNA	1.38	106	25 - 150	8.3303	8.124177	0.2061	+/-1.00	
M2-4:2 FTS	5.18	136	25 - 150	6.082667	6.058031	0.0246	+/-1.00	
d-N-MeFOSA	2.76	73.6	25 - 150	10.1554	10.06877	0.0866	+/-1.00	
d-N-EtFOSA	2.76	71.6	25 - 150	10.41112	10.34068	0.0704	+/-1.00	
M3HFPO-DA	11.1	123	25 - 150	6.4668	6.405367	0.0614	+/-1.00	
d9-N-EtFOSE	27.6	60.7	25 - 150	10.38092	10.30358	0.0773	+/-1.00	
d7-N-MeFOSE	27.6	73.0	25 - 150	10.13258	10.04137	0.0912	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E0708
Instrument: LCQQQ
Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-4 (11-13) (25E0127-07)			Lab File ID: QQQ53063.d		Analyzed: 05/06/25 16:55			
M3PFBS	2.75	118	25 - 150	5.297917	5.288692	0.0092	+/-1.00	
M5PFHxA	2.95	116	25 - 150	6.158283	6.127733	0.0305	+/-1.00	
M4PFHpA	2.95	109	25 - 150	6.975083	6.91665	0.0584	+/-1.00	
M3PFHxS	2.80	117	25 - 150	7.075883	7.015661	0.0602	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.95	113	25 - 150	7.594783	7.551858	0.0429	+/-1.00	
M6PFDA	1.48	102	25 - 150	8.64265	8.635862	0.0068	+/-1.00	
M7PFUdA	1.48	96.4	25 - 150	9.0786	9.086467	-0.0079	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.48	79.1	25 - 150	9.475833	9.484887	-0.0091	+/-1.00	
M2PFTeDA	1.48	76.2	10 - 150	10.11983	10.14503	-0.0252	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.8	9.96	25 - 150	1.195633	1.191037	0.0046	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.83	121	25 - 150	8.17885	8.156588	0.0223	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.90	67.4	25 - 150	4.4123	4.40081	0.0115	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.95	109	10 - 150	9.249933	9.234681	0.0153	+/-1.00	
d3-N-MeFOSAA	5.90	107	25 - 150	8.845634	8.842819	0.0028	+/-1.00	
d5-N-EtFOSAA	5.90	110	25 - 150	9.068316	9.069258	-0.0009	+/-1.00	
M2-6:2 FTS	5.61	131	25 - 200	7.54765	7.499358	0.0483	+/-1.00	
M2-8:2 FTS	5.67	118	25 - 200	8.614017	8.608047	0.0060	+/-1.00	
M9PFNA	1.48	88.1	25 - 150	8.152017	8.124177	0.0278	+/-1.00	
M2-4:2 FTS	5.54	138	25 - 150	6.082667	6.058031	0.0246	+/-1.00	
d-N-MeFOSA	2.95	60.9	25 - 150	10.05398	10.06877	-0.0148	+/-1.00	
d-N-EtFOSA	2.95	67.6	25 - 150	10.31902	10.34068	-0.0217	+/-1.00	
M3HFPO-DA	11.8	121	25 - 150	6.448283	6.405367	0.0429	+/-1.00	
d9-N-EtFOSE	29.5	76.7	25 - 150	10.2796	10.30358	-0.0240	+/-1.00	
d7-N-MeFOSE	29.5	82.0	25 - 150	10.03118	10.04137	-0.0102	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0127

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E0708 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-10 (2-4) (25E0127-09)			Lab File ID: QQQ53067.d		Analyzed: 05/06/25 17:59			
M3PFBS	2.47	119	25 - 150	5.270233	5.288692	-0.0185	+/-1.00	
M5PFHxA	2.65	106	25 - 150	6.111567	6.127733	-0.0162	+/-1.00	
M4PFHpA	2.65	106	25 - 150	6.937467	6.91665	0.0208	+/-1.00	
M3PFHxS	2.51	121	25 - 150	7.038883	7.015661	0.0232	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.65	110	25 - 150	7.5855	7.551858	0.0336	+/-1.00	
M6PFDA	1.33	111	25 - 150	8.679717	8.635862	0.0439	+/-1.00	
M7PFUdA	1.33	97.8	25 - 150	9.124917	9.086467	0.0384	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.33	86.8	25 - 150	9.512834	9.484887	0.0279	+/-1.00	
M2PFTeDA	1.33	87.3	10 - 150	10.166	10.14503	0.0210	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.6	9.51	25 - 150	1.168083	1.191037	-0.0230	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.54	120	25 - 150	8.197416	8.156588	0.0408	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.31	80.5	25 - 150	4.366333	4.40081	-0.0345	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.65	102	10 - 150	9.287	9.234681	0.0523	+/-1.00	
d3-N-MeFOSAA	5.31	111	25 - 150	8.88275	8.842819	0.0399	+/-1.00	
d5-N-EtFOSAA	5.31	129	25 - 150	9.114667	9.069258	0.0454	+/-1.00	
M2-6:2 FTS	5.05	154	25 - 200	7.529083	7.499358	0.0297	+/-1.00	
M2-8:2 FTS	5.09	156	25 - 200	8.641817	8.608047	0.0338	+/-1.00	
M9PFNA	1.33	110	25 - 150	8.171117	8.124177	0.0469	+/-1.00	
M2-4:2 FTS	4.98	140	25 - 150	6.0457	6.058031	-0.0123	+/-1.00	
d-N-MeFOSA	2.65	49.3	25 - 150	10.10007	10.06877	0.0313	+/-1.00	
d-N-EtFOSA	2.65	53.7	25 - 150	10.37427	10.34068	0.0336	+/-1.00	
M3HFPO-DA	10.6	114	25 - 150	6.401883	6.405367	-0.0035	+/-1.00	
d9-N-EtFOSE	26.5	59.9	25 - 150	10.33485	10.30358	0.0313	+/-1.00	
d7-N-MeFOSE	26.5	67.6	25 - 150	10.07727	10.04137	0.0359	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E0708
Instrument: LCQQQ
Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-10 (11-13) (25E0127-10)			Lab File ID: QQQ53068.d		Analyzed: 05/06/25 18:15			
M3PFBS	2.53	104	25 - 150	5.242567	5.288692	-0.0461	+/-1.00	
M5PFHxA	2.71	92.3	25 - 150	6.10235	6.127733	-0.0254	+/-1.00	
M4PFHpA	2.71	91.5	25 - 150	6.928233	6.91665	0.0116	+/-1.00	
M3PFHxS	2.57	106	25 - 150	7.038917	7.015661	0.0233	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.71	88.3	25 - 150	7.585533	7.551858	0.0337	+/-1.00	
M6PFDA	1.36	93.2	25 - 150	8.689034	8.635862	0.0532	+/-1.00	
M7PFUdA	1.36	95.7	25 - 150	9.13425	9.086467	0.0478	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.36	72.0	25 - 150	9.522483	9.484887	0.0376	+/-1.00	
M2PFTeDA	1.36	64.8	10 - 150	10.17527	10.14503	0.0302	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.8	4.58	25 - 150	1.177267	1.191037	-0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.60	127	25 - 150	8.2076	8.156588	0.0510	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.42	48.3	25 - 150	4.35715	4.40081	-0.0437	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.71	104	10 - 150	9.296333	9.234681	0.0617	+/-1.00	
d3-N-MeFOSAA	5.42	52.5	25 - 150	8.8921	8.842819	0.0493	+/-1.00	
d5-N-EtFOSAA	5.42	63.3	25 - 150	9.124	9.069258	0.0547	+/-1.00	
M2-6:2 FTS	5.16	85.8	25 - 200	7.5384	7.499358	0.0390	+/-1.00	
M2-8:2 FTS	5.20	92.2	25 - 200	8.651134	8.608047	0.0431	+/-1.00	
M9PFNA	1.36	80.2	25 - 150	8.171166	8.124177	0.0470	+/-1.00	
M2-4:2 FTS	5.08	72.9	25 - 150	6.0365	6.058031	-0.0215	+/-1.00	
d-N-MeFOSA	2.71	79.9	25 - 150	10.10935	10.06877	0.0406	+/-1.00	
d-N-EtFOSA	2.71	71.2	25 - 150	10.37432	10.34068	0.0336	+/-1.00	
M3HFPO-DA	10.8	109	25 - 150	6.39265	6.405367	-0.0127	+/-1.00	
d9-N-EtFOSE	27.1	77.7	25 - 150	10.33492	10.30358	0.0313	+/-1.00	
d7-N-MeFOSE	27.1	83.3	25 - 150	10.08655	10.04137	0.0452	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0127

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E0835 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
FB-1 (25E0127-11)			Lab File ID: QQQ53163.d		Analyzed: 05/08/25 20:00			
M3PFBS	21.6	133	25 - 150	5.251783	5.288692	-0.0369	+/-1.00	
M5PFHxA	23.1	134	25 - 150	6.102334	6.127733	-0.0254	+/-1.00	
M4PFHpA	23.1	103	25 - 150	6.947317	6.91665	0.0307	+/-1.00	
M3PFHxS	21.9	137	25 - 150	7.0574	7.015661	0.0417	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.1	132	25 - 150	7.6327	7.551858	0.0808	+/-1.00	
M6PFDA	11.6	129	25 - 150	8.744634	8.635862	0.1088	+/-1.00	
M7PFUdA	11.6	109	25 - 150	9.171516	9.086467	0.0850	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.6	91.1	25 - 150	9.5502	9.484887	0.0653	+/-1.00	
M2PFTeDA	11.6	73.1	10 - 150	10.16603	10.14503	0.0210	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	92.6	5.14	25 - 150	1.177267	1.191037	-0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.2	160	25 - 150	8.27285	8.156588	0.1163	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	46.3	77.7	25 - 150	4.384717	4.40081	-0.0161	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.1	146	10 - 150	9.314883	9.234681	0.0802	+/-1.00	
d3-N-MeFOSAA	46.3	97.0	25 - 150	8.94775	8.842819	0.1049	+/-1.00	
d5-N-EtFOSAA	46.3	100	25 - 150	9.161266	9.069258	0.0920	+/-1.00	
M2-6:2 FTS	44.0	111	25 - 200	7.575533	7.499358	0.0762	+/-1.00	
M2-8:2 FTS	44.4	88.6	25 - 200	8.716	8.608047	0.1080	+/-1.00	
M9PFNA	11.6	125	25 - 150	8.227933	8.124177	0.1038	+/-1.00	
M2-4:2 FTS	43.4	125	25 - 150	6.036467	6.058031	-0.0216	+/-1.00	
d-N-MeFOSA	23.1	100	25 - 150	10.1001	10.06877	0.0313	+/-1.00	
d-N-EtFOSA	23.1	84.7	25 - 150	10.34667	10.34068	0.0060	+/-1.00	
M3HFPO-DA	92.6	127	25 - 150	6.4019	6.405367	-0.0035	+/-1.00	
d9-N-EtFOSE	231	78.4	25 - 150	10.31647	10.30358	0.0129	+/-1.00	
d7-N-MeFOSE	231	99.1	25 - 150	10.07728	10.04137	0.0359	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

25SB-4 (11-13)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50298	Laboratory ID:	BE50298-MS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL

Source Sample Name: 25SB-4 (11-13)

COMPOUND	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	8.91	ND	8.04	90.2	25 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.1	ND	15.0	83.1	25 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.7	ND	15.5	87.7	25 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.9	ND	15.9	89.0	25 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	94.3	ND	82.2	87.2	25 - 150
3-Perfluoropentyl propanoic acid (FPePA)	94.3	ND	81.0	86.0	25 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	18.9	ND	9.38	49.7	25 - 150
9CL-PF3ONS	8.81	ND	8.20	93.0	25 - 150
ADONA	8.91	ND	8.61	96.7	25 - 150
HFPO-DA (Gen-X)	9.43	ND	10.3	110	25 - 150
N-EtFOSA	4.71	ND	4.37	92.7	25 - 150
N-EtFOSAA	4.71	ND	4.19	88.9	25 - 150
N-EtFOSE	47.1	ND	43.3	91.9	25 - 150
N-MeFOSA	4.71	ND	4.60	97.5	25 - 150
N-MeFOSAA	4.71	ND	4.12	87.4	25 - 150
N-MeFOSE	47.1	ND	39.9	84.7	25 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.39	ND	7.36	87.7	25 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	4.55	ND	4.13	90.8	25 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.50	ND	4.23	93.9	25 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	4.52	ND	3.79	83.8	25 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.71	ND	3.73	79.1	25 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	4.43	ND	3.76	85.0	25 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.43	ND	9.33	99.0	25 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

25SB-4 (11-13)

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50298	Laboratory ID:	BE50298-MS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL

Source Sample Name: 25SB-4 (11-13)

COMPOUND	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC. #	QC LIMITS REC.
Perfluoro-4-oxapentanoic acid (PFMPA)	9.43	ND	1.23	13.0 *	25 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	9.43	ND	14.2	151 *	25 - 150
Perfluorobutanesulfonic acid (PFBS)	4.17	ND	3.68	88.3	25 - 150
Perfluorodecanoic acid (PFDA)	4.71	ND	4.62	98.0	25 - 150
Perfluorododecanesulfonic acid (PFDoS)	4.57	ND	3.70	80.9	25 - 150
Perfluorododecanoic acid (PFDoA)	4.71	ND	4.06	86.2	25 - 150
Perfluoroheptanoic acid (PFHpA)	4.71	ND	4.25	90.2	25 - 150
Perfluorohexanesulfonic acid (PFHxS)	4.31	ND	4.06	94.1	25 - 150
Perfluorohexanoic acid (PFHxA)	4.71	ND	4.18	88.6	25 - 150
Perfluoro-n-butanoic acid (PFBA)	18.9	ND	14.7	77.8	25 - 150
Perfluorononanoic acid (PFNA)	4.71	ND	3.77	80.1	25 - 150
Perfluorooctanesulfonic acid (PFOS)	4.38	ND	3.78	86.2	25 - 150
Perfluorooctanoic acid (PFOA)	4.71	ND	4.32	91.7	25 - 150
Perfluoropentanoic acid (PFPeA)	9.43	ND	8.23	87.3	25 - 150
Perfluorotetradecanoic acid (PFTA)	4.71	ND	3.94	83.5	25 - 150
Perfluorotridecanoic acid (PFTrDA)	4.71	ND	4.62	98.1	25 - 150
Perfluoroundecanoic acid (PFUnA)	4.71	ND	4.28	90.9	25 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

25SB-4 (11-13)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50298
Laboratory ID: BE50298-MSD1
Preparation: EPA 1633 Prep
Initial/Final: 5.01 g / 5 mL
Source Sample Name: 25SB-4 (11-13)

COMPOUND	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
11CL-PF3OUdS	8.94	5.56	62.1	36.5 *	30	25 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.2	15.8	86.8	4.71	35	25 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.7	15.6	87.9	0.724	30	25 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.0	17.1	95.1	6.95	35	25 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	94.6	87.3	92.2	5.92	30	25 - 150
3-Perfluoropentyl propanoic acid (FPePA)	94.6	89.0	94.0	9.38	30	25 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	18.9	9.20	48.6	1.94	30	25 - 150
9CL-PF3ONS	8.85	6.39	72.2	24.8	30	25 - 150
ADONA	8.94	7.81	87.4	9.73	30	25 - 150
HFPO-DA (Gen-X)	9.46	9.34	98.7	10.2	30	25 - 150
N-EtFOSA	4.73	4.88	103	11.1	30	25 - 150
N-EtFOSAA	4.73	4.31	91.1	2.81	35	25 - 150
N-EtFOSE	47.3	45.7	96.6	5.45	30	25 - 150
N-MeFOSA	4.73	4.88	103	6.06	30	25 - 150
N-MeFOSAA	4.73	4.26	90.1	3.41	35	25 - 150
N-MeFOSE	47.3	45.6	96.3	13.2	30	25 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.42	7.90	93.8	7.11	30	25 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	4.57	3.56	78.0	14.8	35	25 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.52	4.33	95.7	2.26	35	25 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	4.54	3.39	74.5	11.4	30	25 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.73	3.82	80.7	2.31	35	25 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	4.45	3.93	88.3	4.18	30	25 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.46	9.16	96.8	1.89	30	25 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

25SB-4 (11-13)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50298
Laboratory ID: BE50298-MSD1
Preparation: EPA 1633 Prep
Initial/Final: 5.01 g / 5 mL
Source Sample Name: 25SB-4 (11-13)

COMPOUND	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Perfluoro-4-oxapentanoic acid (PFMPA)	9.46	0.978	10.3	*	22.6	30	25 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	9.46	15.3	162	*	7.63	30	25 - 150
Perfluorobutanesulfonic acid (PFBS)	4.19	3.70	88.4		0.516	35	25 - 150
Perfluorodecanoic acid (PFDA)	4.73	4.40	93.0		4.82	35	25 - 150
Perfluorododecanesulfonic acid (PFDoS)	4.59	2.92	63.6		23.5	30	25 - 150
Perfluorododecanoic acid (PFDoA)	4.73	3.97	83.9		2.38	35	25 - 150
Perfluoroheptanoic acid (PFHpA)	4.73	4.40	92.9		3.33	35	25 - 150
Perfluorohexanesulfonic acid (PFHxS)	4.33	4.01	92.6		1.21	35	25 - 150
Perfluorohexanoic acid (PFHxA)	4.73	4.55	96.2		8.60	35	25 - 150
Perfluoro-n-butanoic acid (PFBA)	18.9	14.2	74.8		3.54	35	25 - 150
Perfluorononanoic acid (PFNA)	4.73	4.32	91.3		13.4	35	25 - 150
Perfluorooctanesulfonic acid (PFOS)	4.40	3.54	80.5		6.38	35	25 - 150
Perfluorooctanoic acid (PFOA)	4.73	4.13	87.4		4.47	35	25 - 150
Perfluoropentanoic acid (PFPeA)	9.46	8.18	86.5		0.515	35	25 - 150
Perfluorotetradecanoic acid (PFTA)	4.73	3.88	82.1		1.34	35	25 - 150
Perfluorotridecanoic acid (PFTrDA)	4.73	4.78	101		3.27	35	25 - 150
Perfluoroundecanoic acid (PFUnA)	4.73	4.31	91.0		0.599	35	25 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50298	Laboratory ID:	BE50298-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.50	5.49	73.2	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.2	15.2	99.7	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.9	13.9	93.2	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.1	12.9	85.8	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	79.4	77.4	97.5	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	79.4	75.3	94.9	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	15.9	9.86	62.1	50 - 150
9CL-PF3ONS	7.42	5.50	74.1	50 - 150
ADONA	7.50	6.81	90.9	50 - 150
HFPO-DA (Gen-X)	7.94	8.65	109	50 - 150
N-EtFOSA	3.97	3.37	84.9	50 - 150
N-EtFOSAA	3.97	3.60	90.7	50 - 150
N-EtFOSE	39.7	38.3	96.6	50 - 150
N-MeFOSA	3.97	4.09	103	50 - 150
N-MeFOSAA	3.97	3.44	86.7	50 - 150
N-MeFOSE	39.7	35.3	88.9	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.06	6.99	98.9	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.83	3.33	86.9	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.79	3.41	90.1	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.81	3.03	79.5	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	3.97	3.41	86.0	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.73	3.36	90.0	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.94	6.20	78.2	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	7.94	1.24	15.7 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	7.94	10.6	134	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.51	3.12	88.7	50 - 150
Perfluorodecanoic acid (PFDA)	3.97	3.80	95.9	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.85	2.72	70.7	50 - 150
Perfluorododecanoic acid (PFDoA)	3.97	3.60	90.7	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50298	Laboratory ID:	BE50298-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	3.97	4.00	101	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.63	3.47	95.7	50 - 150
Perfluorohexanoic acid (PFHxA)	3.97	3.89	98.0	50 - 150
Perfluoro-n-butanoic acid (PFBA)	15.9	13.5	85.1	50 - 150
Perfluorononanoic acid (PFNA)	3.97	3.44	86.6	50 - 150
Perfluorooctanesulfonic acid (PFOS)	3.69	3.06	82.8	50 - 150
Perfluorooctanoic acid (PFOA)	3.97	3.36	84.8	50 - 150
Perfluoropentanoic acid (PFPeA)	7.94	7.29	91.9	50 - 150
Perfluorotetradecanoic acid (PFTA)	3.97	3.56	89.6	50 - 150
Perfluorotridecanoic acid (PFTrDA)	3.97	3.97	100	50 - 150
Perfluoroundecanoic acid (PFUnA)	3.97	3.45	86.9	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50530	Laboratory ID:	BE50530-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	75.6	48.7	64.5	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	154	142	92.2	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	150	121	80.7	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	152	120	78.8	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	800	864	108	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	800	869	109	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	160	102	63.5	50 - 150
9CL-PF3ONS	74.8	55.7	74.5	50 - 150
ADONA	75.6	68.9	91.1	50 - 150
HFPO-DA (Gen-X)	80.0	72.7	90.9	50 - 150
N-EtFOSA	40.0	40.2	101	50 - 150
N-EtFOSAA	40.0	37.9	94.6	50 - 150
N-EtFOSE	400	386	96.4	50 - 150
N-MeFOSA	40.0	37.1	92.7	50 - 150
N-MeFOSAA	40.0	38.9	97.3	50 - 150
N-MeFOSE	400	365	91.2	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	71.2	65.1	91.4	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	38.6	27.0	69.9	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	38.2	30.3	79.3	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	38.4	24.2	63.1	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	40.0	28.1	70.2	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	37.6	34.1	90.8	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	80.0	59.2	74.1	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	80.0	9.29	11.6 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	80.0	106	132	50 - 150
Perfluorobutanesulfonic acid (PFBS)	35.4	30.7	86.8	50 - 150
Perfluorodecanoic acid (PFDA)	40.0	34.6	86.5	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	38.8	15.0	38.8 *	50 - 150
Perfluorododecanoic acid (PFDoA)	40.0	33.8	84.6	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50530	Laboratory ID:	BE50530-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	40.0	45.4	113	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	36.6	31.7	86.5	50 - 150
Perfluorohexanoic acid (PFHxA)	40.0	35.0	87.6	50 - 150
Perfluoro-n-butanoic acid (PFBA)	160	104	65.1	50 - 150
Perfluorononanoic acid (PFNA)	40.0	33.8	84.5	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	29.6	79.6	50 - 150
Perfluorooctanoic acid (PFOA)	40.0	33.0	82.5	50 - 150
Perfluoropentanoic acid (PFPeA)	80.0	70.0	87.5	50 - 150
Perfluorotetradecanoic acid (PFTA)	40.0	34.4	86.1	50 - 150
Perfluorotridecanoic acid (PFTrDA)	40.0	43.7	109	50 - 150
Perfluoroundecanoic acid (PFUnA)	40.0	38.3	95.7	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	LCQQQ	Calibration:	SD50025
Lab File ID:	QQQ53157.d	Calibration Date:	04/18/25 08:00
Sequence:	S5E0835	Injection Date:	05/08/25
Lab Sample ID:	S5E0835-CCV3	Injection Time:	18:23

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	7.80	1.236176	0.9899059		-17.5	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.71	0.2375612	0.2270421		1.1	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	7.95	1.166132	0.9831057		-15.3	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	7.75	1.478145	1.177984		-18.4	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	67.2	0.1835834	0.2012524		7.4	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	66.6	0.1512891	0.1646542		6.4	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	14.6	2.287886E-02	2.649688E-02		16.7	30	
9CL-PF3ONS	A	9.35	7.82	1.942539	1.591521		-16.3	30	
ADONA	A	9.45	8.73	0.6835662	0.616318		-7.6	30	
HFPO-DA (Gen-X)	A	10.0	9.53	2.627831E-02	2.376524E-02		-4.7	30	
N-EtFOSA	A	2.50	2.22	1.292542	1.125646		-11.2	30	
N-EtFOSAA	A	2.50	2.35	1.013545	0.933414		-5.9	30	
N-EtFOSE	A	25.0	28.0	2.068117	2.192952		11.9	30	
N-MeFOSA	A	2.50	2.54	0.8235693	0.8445002		1.6	30	
N-MeFOSAA	A	2.50	2.47	0.9591199	0.9524213		-1.1	30	
N-MeFOSE	A	25.0	22.4	0.9845775	0.8605757		-10.5	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.10	1.186955	1.075032		-7.9	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	1.82	0.94736	0.6837572		-24.5	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	1.88	3.175636	2.482001		-20.9	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	1.61	2.455469	1.644234		-33.0	30	*
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	1.87	1.931445	1.455596		-25.2	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.28	1.598996	1.475376		-2.9	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.53	1.064465E-02	1.037209E-02		-9.4	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	LCQQQ	Calibration:	SD50025
Lab File ID:	QQQ53157.d	Calibration Date:	04/18/25 08:00
Sequence:	S5E0835	Injection Date:	05/08/25
Lab Sample ID:	S5E0835-CCV3	Injection Time:	18:23

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	4.80	0.3270519	0.3137136		-4.1	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.55	0.4177027	0.3722907		-8.9	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.13	1.273813	1.21466		-4.0	30	
Perfluorodecanoic acid (PFDA)	A	2.50	2.42	1.020614	0.9584961		-3.3	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	1.59	0.5483041	0.3487602		-34.2	30	*
Perfluorododecanoic acid (PFDoA)	A	2.50	2.31	0.7837655	0.7376454		-7.7	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	2.71	3.363213	3.625262		8.3	30	
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.18	1.340507	1.229344		-4.6	30	
Perfluorohexanoic acid (PFHxA)	A	2.50	2.34	1.208463	1.11621		-6.4	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	9.30	0.911232	0.8448594		-7.0	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.07	3.164306	2.6755		-17.2	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	1.85	3.008452	2.264846		-20.3	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.06	1.169704	0.96857		-17.7	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	4.57	1.108705	1.015494		-8.6	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.25	1.033237	0.9618326		-10.0	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.18	1.235056	1.106245		-12.8	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.97	0.7504082	0.8935877		18.7	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 7196A Hexavalent Chromium (Cr6+)
Data for York Analytical Laboratories, Inc., SDG: 25E0127

9 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 2, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported Cr6+ as not detected.

Spike Sample Recovery: The percent recoveries for Cr6+ were within QC limits (75-125%) for soil MS/MSD sample 25SB-4 (11-13).

Laboratory Duplicate: The relative percent difference for Cr6+ was below the allowable maximum (35%) for soil MS/MSD sample 25SB-4 (11-13), as required.

Field Duplicates: The relative percent difference for trivalent chromium was below the allowable maximum (35%) for soil field duplicate pair 25SB-2 (0-2)/25-SB-DUP-1(0-2) (attached table), as required.

Laboratory Control Sample: The percent recoveries for Cr6+ were within QC limits for soil samples BE50359-SRM1 and BE50403-SRM1, and aqueous sample BE50196-BS1.

z:\projects\2025\25600 - 25620\25615-30-32 38th ave\task 1 dusr\temp-review\corrections made 2025\25e0127.cr6.docx

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data for
York Analytical Laboratories, Inc., SDG: 25E0127

9 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 2, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were analyzed within the USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recovery (%R) for beryllium was below control limits (90-110%), but not below 50% for S5E0734-CCVB. The %Rs for antimony, cadmium, and thallium were below control limits (90-110%), but not below 50% for S5E0725-CCV5. Positive results for these metals should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated samples.

CRDL Standard: The percent recovery for selenium was above laboratory QC limits for the CRDL sample S5E0725-CRL1. Positive results for selenium that are less than 4 times the spiking level should be considered estimated, biased high (J+) in associated aqueous samples.

Blanks: Method blank BE50290-BLK1 contained potassium (0.0877 mg/L) above the MRL. Field blank FB-1 contained calcium (1.02 mg/L), magnesium (0.0771 mg/L), sodium (0.743 mg/L), and zinc (0.0356 mg/L) above the MRLs. Positive results for these metals that are less than 5 times the highest blank level should be reported as not detected in associated samples.

ICP Interference Check Sample: The percent recovery for copper was above control limits (80-120%) for the interference check sample S5E0703-IFB1. Positive results for arsenic should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated soil samples.

Spike Sample Recovery: The percent recoveries (%Rs) for applicable metals were within control limits (75-125%) for aqueous spike sample FB-1.

The %Rs for antimony, beryllium, cadmium, lead, mercury, selenium, and thallium were below control limits (75-125%), but not below 10% for soil spike sample 25SB-4 (11-13). The %R for mercury was below control limits (75-125%), but not below 10% for soil spike sample 25-SB-DUP-1(0-2). Positive results for these metals should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Laboratory Duplicate: The relative percent differences (RPDs) for applicable metals were below the allowable maximum (35%) for soil duplicate sample 25SB-4 (11-13), as required. The RPDs for applicable metals were below the allowable maximum (20%) for aqueous duplicate sample FB-1, as required.

Field Duplicates: The relative percent differences for applicable metals were below the allowable maximum (35%) for soil field duplicate pair 25SB-2 (0-2)/25-SB-DUP-1(0-2), as required.

Laboratory Control Sample: The percent recovery (%R) for calcium was above control limits for aqueous sample BE50290-BS1. Positive results for calcium should be considered estimated, biased high (J+) in associated aqueous samples.

The %R for silver was below control limits, but not below 10% for soil sample BE50406-SRM1. The %Rs for calcium and lead were below control limits, but not below 10% for soil sample BE50409-SRM1. Positive results for these metals should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Serial Dilution: The %Ds for 15 metals (highlighted yellow on attached form) were above the allowable maximum (15%) for soil serial dilution sample 25SB-4 (11-13). Positive results for these metals that are above the RLs should be considered estimated (J) in associated soil samples.

Detection Limits: The LODs were at or below POQs, as required.

Percent Solids: The percent solids for soil samples were above 50%.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010D

25SB-4 (11-13)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50406	Laboratory ID:	BE50406-MS1
Preparation:	EPA 3050B	Initial/Final:	0.6 g / 50 mL

Source Sample Name: 25SB-4 (11-13)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Aluminum	198	7700	7530	NA	75 - 125
Antimony	24.7	ND	5.04	20.4 *	75 - 125
Arsenic	198	ND	150	76.1	75 - 125
Barium	198	44.5	211	84.2	75 - 125
Beryllium	4.94	ND	3.68	74.5 *	75 - 125
Cadmium	4.94	ND	3.68	74.6 *	75 - 125
Calcium	98.8	2730	2750	NA	75 - 125
Chromium	19.8	17.8	33.3	79.0	75 - 125
Cobalt	49.4	7.24	48.1	82.8	75 - 125
Copper	24.7	16.8	38.5	87.7	75 - 125
Iron	98.8	13500	13100	NA	75 - 125
Lead	49.4	3.27	38.6	71.6 *	75 - 125
Magnesium	98.8	4870	4750	NA	75 - 125
Manganese	49.4	273	295	NA	75 - 125
Nickel	49.4	14.0	53.5	79.9	75 - 125
Potassium	98.8	1270	1290	NA	75 - 125
Selenium	198	ND	143	72.1 *	75 - 125
Silver	4.94	ND	3.93	79.6	75 - 125
Sodium	98.8	964	1010	NA	75 - 125
Thallium	198	ND	147	74.6 *	75 - 125
Vanadium	49.4	24.1	64.2	81.2	75 - 125
Zinc	49.4	36.8	74.5	76.4	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NA - Sample concentration is greater than 4X the spiking level; therefore, the %REC is not applicable.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 6010D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50290	Laboratory ID:	BE50290-BS1
Preparation:	EPA 3015A	Initial/Final:	45 mL / 50 mL

COMPOUND	SPIKE ADDED (ug/mL)	LCS CONCENTRATION (ug/mL)	LCS % REC. #	QC LIMITS REC.
Aluminum	2.00	1.84	91.9	80 - 120
Barium	2.00	1.91	95.3	80 - 120
Calcium	1.00	1.34	134 *	80 - 120
Chromium	0.200	0.190	95.0	80 - 120
Cobalt	0.500	0.478	95.5	80 - 120
Copper	0.250	0.242	96.9	80 - 120
Iron	1.00	0.904	90.4	80 - 120
Lead	0.500	0.432	86.3	80 - 120
Magnesium	1.00	0.943	94.3	80 - 120
Manganese	0.500	0.472	94.4	80 - 120
Nickel	0.500	0.476	95.3	80 - 120
Potassium	1.00	0.981	98.1	80 - 120
Silver	0.0500	0.0453	90.6	80 - 120
Sodium	1.00	1.08	108	80 - 120
Vanadium	0.500	0.463	92.5	80 - 120
Zinc	0.500	0.476	95.3	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50406
Laboratory ID: BE50406-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	7680	6350	82.7	47.4 - 130.2
Antimony	250	61.8	24.7	2.4 - 102.4
Arsenic	229	175	76.3	68.1 - 99.6
Barium	244	199	81.5	73.4 - 106.1
Beryllium	165	130	78.9	72.7 - 104.2
Cadmium	134	99.4	74.2	69.5 - 100.7
Calcium	4280	3560	83.3	78.5 - 112.1
Chromium	172	140	81.4	72.1 - 105.8
Cobalt	253	214	84.4	75.9 - 107.1
Copper	99.6	87.6	88.0	76.1 - 107.4
Iron	7360	6130	83.3	57.9 - 132.7
Lead	153	122	80.0	75.2 - 109.2
Magnesium	2060	1740	84.6	70.4 - 114
Manganese	442	355	80.3	73.3 - 107.9
Nickel	165	132	80.2	70.9 - 103
Potassium	1950	1640	84.2	65.1 - 115.4
Selenium	107	85.4	79.8	69.4 - 107.5
Silver	83.9	18.4	22.0 *	72.8 - 110.7
Sodium	732	645	88.2	66.5 - 113.9
Thallium	208	163	78.4	70.7 - 105.3
Vanadium	179	144	80.6	69.8 - 108.4
Zinc	327	259	79.1	68.2 - 107.3

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50409
Laboratory ID: BE50409-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	7680	5950	77.5	47.4 - 130.2
Antimony	250	56.8	22.7	2.4 - 102.4
Arsenic	229	165	72.1	68.1 - 99.6
Barium	244	199	81.5	73.4 - 106.1
Beryllium	165	125	75.7	72.7 - 104.2
Cadmium	134	94.3	70.4	69.5 - 100.7
Calcium	4280	3330	77.7 *	78.5 - 112.1
Chromium	172	133	77.2	72.1 - 105.8
Cobalt	253	204	80.5	75.9 - 107.1
Copper	99.6	83.6	84.0	76.1 - 107.4
Iron	7360	5670	77.0	57.9 - 132.7
Lead	153	113	73.9 *	75.2 - 109.2
Magnesium	2060	1630	79.2	70.4 - 114
Manganese	442	343	77.5	73.3 - 107.9
Nickel	165	128	77.4	70.9 - 103
Potassium	1950	1540	79.0	65.1 - 115.4
Selenium	107	84.7	79.2	69.4 - 107.5
Silver	83.9	65.7	78.3	72.8 - 110.7
Sodium	732	608	83.1	66.5 - 113.9
Thallium	208	156	75.2	70.7 - 105.3
Vanadium	179	134	74.9	69.8 - 108.4
Zinc	327	244	74.6	68.2 - 107.3

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

25SB-4 (11-13)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Laboratory ID: S5E0734-SRD4
Sequence: S5E0734
Lab Source ID: 25E0127-07
Preparation: BE50439
Initial/Final: 0.6 / 50
Source Sample Name: 25SB-4 (11-13)
% Solids: 84.36

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	7700		11100		43.7 *		EPA 6010D	10
Antimony	ND		ND				EPA 6010D	10
Arsenic	ND		ND				EPA 6010D	10
Barium	44.5		61.9		39.3 *		EPA 6010D	10
Beryllium	ND		ND				EPA 6010D	10
Cadmium	ND		ND				EPA 6010D	10
Calcium	2730		3950		44.5 *		EPA 6010D	10
Chromium	17.8		24.6		38.6 *		EPA 6010D	10
Cobalt	7.24		9.88		36.4 *		EPA 6010D	10
Copper	16.8		27.2		61.7 *		EPA 6010D	10
Iron	13500		18400		36.5 *		EPA 6010D	10
Lead	3.27		4.84		48.0 *		EPA 6010D	10
Magnesium	4870		7010		43.9 *		EPA 6010D	10
Manganese	273		384		40.8 *		EPA 6010D	10
Nickel	14.0		21.7		54.7 *		EPA 6010D	10
Potassium	1270		1690		33.5 *		EPA 6010D	10
Selenium	ND		ND				EPA 6010D	10
Silver	ND		ND				EPA 6010D	10
Sodium	964		1410		46.5 *		EPA 6010D	10
Thallium	ND		ND				EPA 6010D	10
Vanadium	24.1		32.8		35.9 *		EPA 6010D	10
Zinc	36.8		54.4		47.9 *		EPA 6010D	10

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Instrument ID: ICP5900-01
Calibration: 05/07/25
Control Limt: +/- 10.00%
Sequence: S5E0734

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S5E0734-CCVA	Cobalt	2.50	2.35	93.8	ug/mL	EPA 6010D
	Copper	1.25	1.17	93.7	ug/mL	EPA 6010D
	Iron	5.00	4.79	95.7	ug/mL	EPA 6010D
	Lead	0.500	0.452	90.3	ug/mL	EPA 6010D
	Magnesium	25.0	23.2	92.9	ug/mL	EPA 6010D
	Manganese	2.50	2.30	92.1	ug/mL	EPA 6010D
	Nickel	2.50	2.29	91.7	ug/mL	EPA 6010D
	Potassium	5.00	4.83	96.6	ug/mL	EPA 6010D
	Selenium	0.500	0.503	101	ug/mL	EPA 6010D
	Silver	1.25	1.15	92.3	ug/mL	EPA 6010D
	Sodium	25.0	23.6	94.6	ug/mL	EPA 6010D
	Thallium	0.500	0.462	92.5	ug/mL	EPA 6010D
	Vanadium	2.50	2.33	93.0	ug/mL	EPA 6010D
	Zinc	2.50	2.33	93.4	ug/mL	EPA 6010D
S5E0734-CCVB	Aluminum	10.0	9.26	92.6	ug/mL	EPA 6010D
	Antimony	0.250	0.234	93.7	ug/mL	EPA 6010D
	Arsenic	0.500	0.481	96.2	ug/mL	EPA 6010D
	Barium	10.0	9.40	94.0	ug/mL	EPA 6010D
	Beryllium	0.250	0.223	89.3 *	ug/mL	EPA 6010D
	Cadmium	0.250	0.233	93.2	ug/mL	EPA 6010D
	Calcium	25.0	22.8	91.3	ug/mL	EPA 6010D
	Chromium	1.00	0.922	92.2	ug/mL	EPA 6010D
	Cobalt	2.50	2.34	93.5	ug/mL	EPA 6010D
	Copper	1.25	1.16	93.1	ug/mL	EPA 6010D
	Iron	5.00	4.81	96.1	ug/mL	EPA 6010D
	Lead	0.500	0.453	90.7	ug/mL	EPA 6010D
	Magnesium	25.0	23.1	92.5	ug/mL	EPA 6010D
	Manganese	2.50	2.30	92.1	ug/mL	EPA 6010D
	Nickel	2.50	2.29	91.7	ug/mL	EPA 6010D
	Potassium	5.00	4.66	93.1	ug/mL	EPA 6010D
	Selenium	0.500	0.505	101	ug/mL	EPA 6010D
	Silver	1.25	1.14	91.4	ug/mL	EPA 6010D
	Sodium	25.0	23.6	94.4	ug/mL	EPA 6010D
	Thallium	0.500	0.463	92.6	ug/mL	EPA 6010D
	Vanadium	2.50	2.32	92.9	ug/mL	EPA 6010D
	Zinc	2.50	2.33	93.2	ug/mL	EPA 6010D
S5E0734-CCVC	Aluminum	10.0	9.14	91.4	ug/mL	EPA 6010D

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Instrument ID: ICP5900-01
Calibration: 05/06/25
Sequence: S5E0703

Lab Sample ID	Analyte	True	Found	%R	Units
S5E0703-IFA1	Aluminum	500	512.02	102	ug/mL
	Barium		0.01		ug/mL
	Calcium	500	465.62	93.1	ug/mL
	Chromium		0.00		ug/mL
	Cobalt		0.00		ug/mL
	Copper		0.01		ug/mL
	Iron	200	211.42	106	ug/mL
	Lead		-0.01		ug/mL
	Magnesium	500	514.63	103	ug/mL
	Manganese		0.00		ug/mL
	Nickel		0.00		ug/mL
	Potassium		-0.16		ug/mL
	Silver		0.00		ug/mL
	Sodium		0.25		ug/mL
	Vanadium		0.00		ug/mL
	Zinc		0.01		ug/mL
S5E0703-IFB1	Aluminum	500	509.25	102	ug/mL
	Barium	0.500	0.51	103	ug/mL
	Calcium	500	462.98	92.6	ug/mL
	Chromium	0.500	0.49	98.4	ug/mL
	Cobalt	0.500	0.48	95.6	ug/mL
	Copper	0.500	0.60	121 *	ug/mL
	Iron	200	210.42	105	ug/mL
	Lead	1.00	0.97	97.4	ug/mL
	Magnesium	500	511.37	102	ug/mL
	Manganese	0.500	0.49	99.0	ug/mL
	Nickel	1.00	0.95	94.9	ug/mL
	Potassium		-0.16		ug/mL
	Silver	1.00	1.10	110	ug/mL

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Instrument ID: Nexion2000C
Calibration: 05/07/25
Control Limt: +/- 10.00%
Sequence: S5E0725

Lab Sample ID	Analyte	True	Found	%R		Units	Method
S5E0725-ICV1	Antimony	50.0	54.8	110		ug/L	EPA 6020B
	Arsenic	50.0	49.3	98.6		ug/L	EPA 6020B
	Beryllium	50.0	49.8	99.7		ug/L	EPA 6020B
	Cadmium	50.0	54.9	110		ug/L	EPA 6020B
	Selenium	50.0	46.3	92.5		ug/L	EPA 6020B
	Thallium	50.0	49.9	99.8		ug/L	EPA 6020B
S5E0725-CCV1	Antimony	50.0	53.6	107		ug/L	EPA 6020B
	Arsenic	50.0	49.7	99.4		ug/L	EPA 6020B
	Beryllium	50.0	48.5	97.0		ug/L	EPA 6020B
	Cadmium	50.0	52.3	105		ug/L	EPA 6020B
	Selenium	50.0	52.8	106		ug/L	EPA 6020B
	Thallium	50.0	50.2	100		ug/L	EPA 6020B
S5E0725-CCV2	Antimony	50.0	50.0	100		ug/L	EPA 6020B
	Arsenic	50.0	50.3	101		ug/L	EPA 6020B
	Beryllium	50.0	47.9	95.8		ug/L	EPA 6020B
	Cadmium	50.0	48.5	97.0		ug/L	EPA 6020B
	Selenium	50.0	48.0	96.0		ug/L	EPA 6020B
	Thallium	50.0	48.3	96.7		ug/L	EPA 6020B
S5E0725-CCV3	Antimony	50.0	49.9	99.8		ug/L	EPA 6020B
	Arsenic	50.0	49.6	99.2		ug/L	EPA 6020B
	Beryllium	50.0	47.3	94.6		ug/L	EPA 6020B
	Cadmium	50.0	48.7	97.4		ug/L	EPA 6020B
	Selenium	50.0	49.6	99.3		ug/L	EPA 6020B
	Thallium	50.0	46.0	92.0		ug/L	EPA 6020B
S5E0725-CCV4	Antimony	50.0	45.0	90.0		ug/L	EPA 6020B
	Arsenic	50.0	50.1	100		ug/L	EPA 6020B
	Beryllium	50.0	45.5	91.0		ug/L	EPA 6020B
	Cadmium	50.0	43.9	87.8	*	ug/L	EPA 6020B
	Selenium	50.0	50.6	101		ug/L	EPA 6020B
	Thallium	50.0	45.8	91.6		ug/L	EPA 6020B
S5E0725-CCV5	Antimony	50.0	42.9	85.8	*	ug/L	EPA 6020B
	Arsenic	50.0	50.5	101		ug/L	EPA 6020B
	Beryllium	50.0	47.8	95.6		ug/L	EPA 6020B
	Cadmium	50.0	42.7	85.3	*	ug/L	EPA 6020B
	Selenium	50.0	48.4	96.9		ug/L	EPA 6020B
	Thallium	50.0	44.4	88.9	*	ug/L	EPA 6020B
S5E0725-CCV6	Antimony	50.0	41.8	83.6	*	ug/L	EPA 6020B

CRDL STANDARD

EPA 6020B

Laboratory: York Analytical Laboratories, Inc.

SDG: 25E0127

Client: Vektor Consultants

Project: 32-20 38th Avenue, Queens New York

Instrument ID: Nexion2000C

Calibration: 05/07/25

Sequence: S5E0725

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S5E0725-CRL1	Antimony	1.00	0.986	98.6	ug/L	10 - 190
	Arsenic	1.00	1.07	107	ug/L	10 - 190
	Beryllium	1.00	1.00	100	ug/L	10 - 190
	Cadmium	1.00	1.18	118	ug/L	10 - 190
	Selenium	1.00	0.708	70.8 *	ug/L	75 - 125
	Thallium	1.00	1.08	108	ug/L	10 - 190

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 7473

25-SB-DUP-1(0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50565	Laboratory ID:	BE50565-MS1
Preparation:	EPA 7473 soil	Initial/Final:	0.2 g / 0.2 g

Source Sample Name: 25-SB-DUP-1(0-2)

COMPOUND	SPIKE ADDED (mg/kg)	SAMPLE CONCENTRATION (mg/kg)	MS CONCENTRATION (mg/kg)	MS % REC. #	QC LIMITS REC.
Mercury	1.00	0.147	0.745	59.8 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 7473

25SB-4 (11-13)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0127
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50578	Laboratory ID:	BE50578-MS1
Preparation:	EPA 7473 soil	Initial/Final:	0.2 g / 0.2 g

Source Sample Name: 25SB-4 (11-13)

COMPOUND	SPIKE ADDED (mg/kg)	SAMPLE CONCENTRATION (mg/kg)	MS CONCENTRATION (mg/kg)	MS % REC. #	QC LIMITS REC.
Mercury	1.00	0.0151	0.388	37.3 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0127
Client: Vektor Consultants
Instrument ID: ICP5900-01
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E0703
Calibration: 05/06/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5E0703-CCB3	Barium	0.00100	0.0250	ug/mL		EPA 6010D
	Calcium	0.00830	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000100	0.00500	ug/mL		EPA 6010D
	Cobalt	0.00	0.00400	ug/mL		EPA 6010D
	Copper	-0.000200	0.0200	ug/mL		EPA 6010D
	Iron	0.00250	0.250	ug/mL		EPA 6010D
	Lead	-0.000600	0.00500	ug/mL		EPA 6010D
	Magnesium	0.0182	0.0500	ug/mL		EPA 6010D
	Manganese	0.000200	0.00500	ug/mL		EPA 6010D
	Nickel	0.000900	0.0100	ug/mL		EPA 6010D
	Potassium	-0.0182	0.0500	ug/mL		EPA 6010D
	Silver	0.000500	0.00500	ug/mL		EPA 6010D
	Sodium	0.0895	0.500	ug/mL		EPA 6010D
	Vanadium	0.000300	0.0100	ug/mL		EPA 6010D
	Zinc	0.000500	0.0250	ug/mL		EPA 6010D
BE50290-BLK1	Aluminum	-0.00433	0.0556	mg/L		EPA 6010D
	Barium	0.000111	0.0278	mg/L		EPA 6010D
	Calcium	-0.00411	0.0556	mg/L		EPA 6010D
	Chromium	0.000111	0.00556	mg/L		EPA 6010D
	Cobalt	0.000667	0.00444	mg/L		EPA 6010D
	Copper	-0.000222	0.0222	mg/L		EPA 6010D
	Iron	0.00889	0.278	mg/L		EPA 6010D
	Lead	-0.00111	0.00556	mg/L		EPA 6010D
	Magnesium	0.00289	0.0556	mg/L		EPA 6010D
	Manganese	0.00	0.00556	mg/L		EPA 6010D
	Nickel	0.00111	0.0111	mg/L		EPA 6010D
	Potassium	0.0877	0.0556	mg/L	*	EPA 6010D
	Silver	-0.000111	0.00556	mg/L		EPA 6010D
	Sodium	0.140	0.556	mg/L		EPA 6010D
	Vanadium	0.000333	0.0111	mg/L		EPA 6010D
	Zinc	0.000556	0.0278	mg/L		EPA 6010D
S5E0703-CCB4	Aluminum	-0.00580	0.0500	ug/mL		EPA 6010D
	Barium	0.00	0.0250	ug/mL		EPA 6010D

Field Duplicate Calculation Section

Semi-Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 25E0127

S1= 25SB-2 (0-2) **S2=** 25-SB-DUP-1(0-2)

Analyte	S1	S2	RPD (%)	
Acenaphthene	**0.054**	ND	NC	
Anthracene	0.174	0.12	37%	*
Benzo(a)anthracene	0.716	0.435	49%	*
Benzo(a)pyrene	0.827	0.43	63%	*
Benzo(b)fluoranthene	0.699	0.428	48%	*
Benzo(g,h,i)perylene	0.63	0.364	54%	*
Benzo(k)fluoranthene	0.773	0.387	67%	*
Carbazole	**0.0678**	ND	NC	
Chrysene	0.739	0.46	47%	*
Dibenzo(a,h)anthracene	0.17	**0.0853**	NC	
Di-n-octyl phthalate	ND	**0.0634**	NC	
Fluoranthene	1.14	0.777	38%	*
Indeno(1,2,3-cd)pyrene	0.628	0.37	52%	*
Phenanthrene	0.567	0.41	32%	*
Pyrene	1.18	0.75	45%	*

* RPD is above the allowable maximum 35%.

Results are in units of mg/kg.

Bold numbers were values that are below the CRQL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

General Chemistries

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 25E0127

S1= 25SB-2 (0-2) **S2=** 25-SB-DUP-1(0-2)

Analyte	S1	S2	RPD (%)
Chromium, Hexavalent	ND	0.961	NC
Chromium, Trivalent	16.2	12.6	25%

* RPD is above the allowable maximum 35%.

Results are in units of mg/kg.

Bold numbers were values that are below the RL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

TAL Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 25E0127

S1= 25SB-2 (0-2) **S2=** 25-SB-DUP-1(0-2)

Analyte	S1	S2	RPD (%)
aluminum	6470	6260	3%
antimony	ND	ND	NC
arsenic	4.26	4.65	9%
barium	52.6	42.8	21%
beryllium	0.107	0.099	8%
cadmium	0.381	ND	NC
calcium	26100	33500	25%
chromium	16.2	13.6	17%
cobalt	5.02	4.26	16%
copper	36.6	33.9	8%
iron	10500	9970	5%
lead	66.3	66.2	0%
magnesium	3660	3900	6%
manganese	214	222	4%
mercury	0.14	0.163	15%
nickel	11.2	10.5	6%
potassium	893	842	6%
selenium	ND	ND	NC
silver	ND	ND	NC
sodium	452	395	13%
thallium	ND	ND	NC
vanadium	17.6	18.3	4%
zinc	78.6	74.8	5%

* RPD is above the allowable maximum 35%.

Results are in units of mg/kg.

Bold numbers were values that are below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

25E0212

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
York Analytical Laboratories, Inc., SDG: 25E0212

15 Soil Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected May 5, 2025

Prepared by: Donald Anné
October 31, 2025

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 15 soil samples, 1 field duplicate, 1 field blank, and 1 trip blank analyzed for volatiles; 15 soil samples, 1 field duplicate, and 1 field blank analyzed for semi-volatiles, 1,4-dioxane by SIM, PFAS pesticides, PCBs, TAL metals, and hexavalent chromium; 1 field blank analyzed for SIM semi-volatiles; and 1 soil sample analyzed for TCLP lead.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the analytical methods except for ICP metals.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- Positive volatile result for methylene chloride was qualified as "not detected" (U) for sample 25SB-12 (3-5) because the level reported in the sample was not significantly greater than (more than 5 times) the highest associated blank level.

- The positive volatile results for tetrachloroethylene were qualified as "estimated, biased low" (J-) for samples 25SB-12 (0-2) and 25SB-13 (13-15) because 1 of 2 percent recoveries for tetrachloroethylene were below QC limits, but not below 10% in the associated soil LCS/LCSDs.

- The "not detected" volatile results for tetrachloroethylene were qualified as "estimated" (UJ) for samples 25SB-12 (3-5), 25SB-12 (11-13), 25SB-13 (0-2), and 25SB-13 (3-5) because 1 of 2 percent recoveries for tetrachloroethylene was below QC limits, but not below 10% in the associated soil LCS/LCSD.

- The "not detected" volatile results for styrene were qualified as "estimated" (UJ) for samples 25SB-9 (0-2), 25SB-9 (2-4), 25SB-9 (12-14), 25SB-6 (0-2), and 25SB-6 (3-5) because 1 of 2 percent recoveries for styrene was below QC limits, but not below 10% in the associated soil LCS/LCSD.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

- The “not detected” volatile results for 1,2,4-trimethylbenzene, 1,3-dichlorobenzene, chlorobenzene, ethyl benzene, p-isopropyltoluene, and styrene were qualified as “estimated” (UJ) for samples 25SB-12 (0-2), 25SB-12 (3-5), 25SB-12 (11-13), 25SB-13 (0-2), 25SB-13 (3-5), and 25SB-13 (13-15) because 1 or 2 percent recoveries for these compounds were below QC limits, but not below 10% in the associated soil LCS/LCSD.

- The “not detected” volatile results 11 compounds were qualified as “estimated” (UJ) for samples 25SB-6 (11.5-13.5), 25SB-5 (3-5), and 25SB-DUP-2 (11-13) because 1 or 2 percent recoveries for these 11 compounds were below QC limits, but not below 10% in the associated soil LCS/LCSD.

- The “not detected” volatile results for all target compounds were qualified as “estimated” (UJ) for sample 25SB-5 (0-2) because 3 of 3 internal standard areas used to quantitate these compounds were below control limits, but not below 25% in the sample.

- The “not detected” volatile results for all target compounds were qualified as “rejected, unusable” (R) for sample 25SB-5 (11-13) because 3 of 3 internal standard areas used to quantitate these compounds were below control limits and below 25% in the sample.

- The “not detected” volatile results for 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, cyclohexane, and naphthalene were qualified as “estimated” (UJ) for samples TB-2 and FB-2 because 1 or 2 percent recoveries for these compounds were below QC limits, but not below 30% in the associated aqueous LCS/LCSD.

- The “not detected” semi-volatile results for 3-&4-methylphenols, benzyl alcohol, and phenol were qualified as “estimated” (UJ) for the following samples because the percent recoveries for these 3 compounds were below QC limits, but not below 10% in the associated soil LCS.

25SB-12 (0-2)	25SB-12 (3-5)	25SB-12 (11-13)	25SB-13 (0-2)
25SB-13 (3-5)	25SB-9 (0-2)	25SB-9 (2-4)	25SB-9 (12-14)
25SB-6 (0-2)	25SB-5 (0-2)		

- The “not detected” semi-volatile results for benzoic acid were qualified as “rejected, unusable” (R) for the following samples because the percent recovery for benzoic acid was below QC limits and below 10% in the associated soil LCS.

25SB-12 (0-2)	25SB-12 (3-5)	25SB-12 (11-13)	25SB-13 (0-2)
25SB-13 (3-5)	25SB-9 (0-2)	25SB-9 (2-4)	25SB-9 (12-14)
25SB-6 (0-2)	25SB-5 (0-2)		

- The “not detected” semi-volatile results for 2,4-dinitrophenol were qualified as “rejected, unusable” (R) for samples 25SB-5 (3-5), 25SB-5 (11-13), and 25-SB-DUP-2 (11-13) because the percent recovery for 2,4-dinitrophenol was below QC limits and below 10% in the associated soil LCS.

- The “not detected” semi-volatile result for 2,4-dinitrophenol was qualified as “rejected, unusable” (R) for sample 25SB-6 (3-5) because 2 of 2 percent recoveries for 2,4-dinitrophenol were below QC limits and below 10% in the associated soil MS/MSD sample.

- The “not detected” semi-volatile results for 4-nitrophenol and pyridine were qualified as “rejected, unusable” (R) for sample FB-2 because the percent recoveries for 4-nitrophenol and pyridine were below QC limits and below 30% in the associated aqueous LCS.

- The “not detected” semi-volatile results for 31 base/neutral compounds were qualified as “estimated” (UJ) for sample FB-2 because 2 of 3 base/neutral surrogate recoveries were below QC limits, but not below 10% in the samples.

- The “not detected” SIM semi-volatile results for hexachlorobutadiene and n-nitrosodimethylamine were qualified as “rejected, unusable” (R) for sample FB-2 because the percent recoveries for hexachlorobutadiene and n-nitrosodimethylamine was below QC limits and below 30% in the associated aqueous LCS.

- The “not detected” PFAS results for PFBA were qualified as “estimated” (UJ) for samples 25SB-12 (0-2), 25SB-13 (0-2), 25SB-13 (13-15), and 25SB-9 (0-2) because the percent recovery for the surrogate used to quantitate PFBA were below QC limits, but not below 10% in the samples.

- The “not detected” PFAS results for PFBA were qualified as “rejected, unusable” (R) for samples 25SB-12 (3-5), 25SB-12 (11-13), 25SB-5 (0-2), 25SB-5 (3-5), 25SB-5 (11-13), 25-SB-DUP-2 (11-13), 25SB-13 (3-5), and FB-2 because the percent recovery for the surrogate used to quantitate PFBA were below QC limits and below 10% in the samples.

- The “not detected” PFAS result for PFPeA was qualified as “estimated” (UJ) for sample 25SB-12 (11-13) because the percent recovery for the surrogate used to quantitate PFPeA were below QC limits, but not below 10% in the sample.

- The “not detected” PFAS results for 9CL-PF3ONS and PFDoS were qualified as “estimated” (UJ) for all 15 soil samples and the field duplicate because the percent recoveries for these PFAS were below QC limits, but not below 10% in the associated soil LCSs.

- The “not detected” PFAS results for 11CL-PF3OUdS and PFNS were qualified as “estimated” (UJ) for sample 25SB-13 (3-5) because the percent recoveries for these PFAS were below QC limits, but not below 10% in the associated soil LCS.

- The “not detected” PFAS result for 9CL-PF3ONS, PFDS, and PFDoS were qualified as “estimated” (UJ) for sample FB-2 because the percent recoveries for these PFAS were below QC limits, but not below 30% in the associated aqueous LCS.

- The “not detected” PFAS results for PFMPA were qualified as “rejected, unusable” (R) for all 15 soil samples and the field duplicate because the percent recoveries for PFMPA were below QC limits and below 10% in the associated soil LCSs.

- The “not detected” PFAS result for PFMPA was qualified as “rejected, unusable” (R) for sample FB-2 because the percent recovery for PFMPA was below QC limits and below 30% in the associated aqueous LCS.

- The positive metal result for antimony was qualified as estimated, biased low (J-) for sample 25SB-12 (0-2) because the percent recovery for antimony was below control limits, but not below 10% in the associated soil spike sample.

- The “not detected” metal results for antimony were qualified as estimated (UJ) for all soil samples and the field duplicate except sample 25SB-12 (0-2) because the percent recovery for antimony was below control limits, but not below 10% in the associated soil spike sample.

- The positive metal results for the following metals were qualified as estimated (J) for all 15 soil samples and field duplicate because the %Ds for these 14 metals were above the allowable maximum for associated soil serial dilution sample and the results were above the RLs.

aluminum	barium	calcium	chromium
cobalt	copper	iron	lead
magnesium	manganese	nickel	potassium
vanadium	zinc		

- The positive metal result for calcium was qualified as estimated, biased high (J+) for sample FB-2 because the percent recovery for calcium was above control limits in associated aqueous LCS.

- The “not detected” metal result for antimony was qualified as estimated (UJ) for sample FB-2 because the percent recovery for antimony was below control limits, but not below 50% in the associated continuing calibration verification sample.

All data that are not qualified rejected (R) are considered usable with estimated (J-, J, J+, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Sample Information

Client Sample ID: 25SB-12 (0-2)

York Sample ID: 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-12 (0-2)

York Sample ID: 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ	QL-02 mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ	QL-02 mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		CAL-E mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	**Tetrachloroethylene**	**0.021**	J-	QL-02 mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	**Trichloroethylene**	**0.073**		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		CCVE mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Sample Information

Client Sample ID: 25SB-12 (0-2)

York Sample ID: 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	**2-Methylnaphthalene**	**3.71**	J	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**11.2**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND	CCVE	mg/kg dry	8.95	17.9	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**16.9**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	8.95	17.9	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**31.4**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**29.0**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**27.6**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**22.1**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**26.0**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	4.47	8.93	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**9.18**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**28.8**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**4.18**	J	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**7.14**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**71.5**	J	CCVE mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**9.07**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**24.6**	J	CCVE mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**15.3**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (0-2)

York Sample ID: 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**71.4**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	UJ	mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**53.1**		mg/kg dry	2.24	4.47	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	8.95	17.9	100	EPA 8270E	05/12/2025 14:51	05/14/2025 11:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*42.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 12:00	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.192	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0574	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-12 (0-2)

York Sample ID: 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.433	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.813	0.824	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.818	0.832	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	UJ PF-LCS-L	ug/kg dry	0.118	0.867	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.386	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.433	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ug/kg dry	0.0672	0.433	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.433	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.204	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.645	0.813	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.659	0.867	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-12 (0-2)

York Sample ID: 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.337	0.819	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	UJ PF-LCS -L	ug/kg dry	0.267	0.811	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.819	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ PF-LCS -L	ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.687	1.08	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.42	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.42	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.662	2.17	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.755	2.17	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:16	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*135 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*133 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*107 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*129 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*137 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*120 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*111 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*86.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*11.3 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*169 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*122 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*114 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*105 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*115 %*		*25-150*

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*123 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*73.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*82.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*125 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*91.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*111 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0357	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:12	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:45	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-120*

Lead TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311	05/22/2025 08:20	05/22/2025 14:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-12 (0-2)

York Sample ID: 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7890**	J	mg/kg dry	4.52	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	**Antimony**	**5.24**	J-	mg/kg dry	2.26	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**10.3**		mg/kg dry	1.36	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**242**	J	mg/kg dry	2.26	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.204**		mg/kg dry	0.046	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**1.36**		mg/kg dry	0.271	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**3320**	J	mg/kg dry	4.52	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**19.8**	J	mg/kg dry	0.453	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.91**	J	mg/kg dry	0.362	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**172**	J	mg/kg dry	1.81	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**18800**	J	mg/kg dry	22.6	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**3720**	J	mg/kg dry	0.453	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2180**	J	mg/kg dry	4.53	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**257**	J	mg/kg dry	0.453	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**14.4**	J	mg/kg dry	0.901	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**910**	J	mg/kg dry	4.53	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.456	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**231**		mg/kg dry	45.2	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.81	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**24.6**	J	mg/kg dry	0.901	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**524**	J	mg/kg dry	2.25	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (0-2) **York Sample ID:** 25E0212-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:35 am	05/05/2025

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.563**		mg/kg dry	0.0326	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Sample Prepared by Method: EPA SW846-3060

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.543	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Sample Prepared by Method: Analysis Preparation

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.8**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**92.1**		%	0.100	1	SM 2540G	05/07/2025 09:32	05/07/2025 12:00	smm
						Certifications:	CTDOH-PH-0723			

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes: **EXT-Temp**

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/20/2025 16:36	05/21/2025 11:18	TAJ
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-12 (3-5)

York Sample ID: 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	UJ QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**0.0061**	U J, B	mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	**Trichloroethylene**	**0.0081**		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D	05/08/2025 08:00	05/08/2025 20:48	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	CAL-E, CCVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	CAL-E	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.0539**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.0733**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.0927**		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.0611**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (3-5)

York Sample ID: 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	**Di-n-octyl phthalate**	**0.0920**	J CCVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.0654**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0856**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.0525**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	UJ	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.0582**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*24.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*28.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*29.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*40.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*35.5 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 12:16	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*106 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.192	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0576	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.199	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.202	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.435	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.815	0.826	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.821	0.835	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R PF-LCS-L	ug/kg dry	0.118	0.870	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.387	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.210	0.435	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ug/kg dry	0.0674	0.435	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.435	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.204	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.647	0.815	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.661	0.870	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.338	0.822	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	UJ PF-LCS-L	ug/kg dry	0.267	0.813	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.822	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ PF-LCS -L	ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.209	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.689	1.09	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.28	5.44	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.44	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.664	2.17	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.758	2.17	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:32	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*129 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*137 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*78.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.40 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*148 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*34.8 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*132 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.0 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*107 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*101 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*83.1 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*122 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*113 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.2 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*126 %*		*25-150*

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*105 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*119 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B	05/12/2025 09:30	05/12/2025 20:29	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	05/12/2025 09:26	05/14/2025 05:59	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10500**	J	mg/kg dry	4.54	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.27	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.69**		mg/kg dry	1.36	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**43.9**	J	mg/kg dry	2.27	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.219**		mg/kg dry	0.046	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.272	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1290**	J	mg/kg dry	4.54	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**16.7**	J	mg/kg dry	0.454	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.55**	J	mg/kg dry	0.363	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**27.7**	J	mg/kg dry	1.82	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**12200**	J	mg/kg dry	22.7	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**39.5**	J	mg/kg dry	0.454	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2420**	J	mg/kg dry	4.54	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**283**	J	mg/kg dry	0.454	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**10.8**	J	mg/kg dry	0.904	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**828**	J	mg/kg dry	4.54	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**88.5**		mg/kg dry	45.4	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.82	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**21.3**	J	mg/kg dry	0.904	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**46.9**	J	mg/kg dry	2.26	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.319**		mg/kg dry	0.0327	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.545	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (3-5) **York Sample ID:** 25E0212-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:38 am	05/05/2025

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.7**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**91.8**		%	0.100	1	SM 2540G	05/07/2025 09:32	05/07/2025 12:00	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ	QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND			mg/kg dry	0.064	0.13	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND			mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND			mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	UJ	QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND			mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ	QL-02 mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ	QL-02 mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ	QL-02 mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		CAL-E mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	QL-02 mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0096	0.019	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (11-13)

York Sample ID: 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	CAL-E, CCVE	mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.197	0.394	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	CAL-E	mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.394	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R	mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ	mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0984	0.197	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	UJ	mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.197	0.394	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:13	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*24.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*29.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*27.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*41.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*33.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 12:46	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*94.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0627	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.212	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.204	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.224	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.193	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.230	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	UJ	ug/kg dry	0.129	0.473	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.173	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 13:49	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.888	0.899	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.894	0.909	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R PF-LCS-L	ug/kg dry	0.129	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.165	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.228	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ug/kg dry	0.0734	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.186	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.704	0.888	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.720	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.368	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
756426-58-1	* 9CL-PF3ONS	ND	UJ PF-LCS-L	ug/kg dry	0.291	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.206	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ PF-LCS-L	ug/kg dry	0.200	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 13:49	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.750	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.78	5.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.723	2.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.825	2.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 13:49	AM

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
M3PFBS	*Surrogate: M3PFBS*	*120 %*			*25-150*						
338-30-1	*Surrogate: M5PFHxA*	*124 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*96.7 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*133 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*141 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*133 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*127 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*100 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*94.1 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.88 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*172 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*24.0 %*	PFSu-L		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*143 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*113 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*123 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*117 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*96.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*125 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*94.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*113 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*115 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*138 %*			*25-150*						

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.195	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0391	5	EPA 8081B	05/12/2025 09:30	05/12/2025 21:21	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-150*

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 09:26	05/14/2025 06:12	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7760**	J	mg/kg dry	4.95	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.48	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.49	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**41.9**	J	mg/kg dry	2.47	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.297	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**3110**	J	mg/kg dry	4.95	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**17.2**	J	mg/kg dry	0.495	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.11**	J	mg/kg dry	0.396	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**16.3**	J	mg/kg dry	1.98	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**13200**	J	mg/kg dry	24.8	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.00**	J	mg/kg dry	0.495	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**4970**	J	mg/kg dry	4.95	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**259**	J	mg/kg dry	0.495	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**14.9**	J	mg/kg dry	0.986	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1590**	J	mg/kg dry	4.95	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.48	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.499	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**286**		mg/kg dry	49.5	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.98	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**23.4**	J	mg/kg dry	0.986	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**37.7**	J	mg/kg dry	2.47	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0356	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.594	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**17.2**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-12 (11-13) **York Sample ID:** 25E0212-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.2		%	0.100	1	SM 2540G	05/07/2025 09:32	05/07/2025 12:00	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	UJ QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260D	05/08/2025 08:00	05/08/2025 21:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (0-2)

York Sample ID: 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.170	0.339	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.170	0.339	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (0-2)

York Sample ID: 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R CAL-E	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0847	0.169	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	UJ	mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0425	0.0847	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.170	0.339	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:09	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*48.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 13:01	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*94.0 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-13 (0-2)

York Sample ID: 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.180	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0538	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.182	0.186	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.175	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.189	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.192	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.194	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.165	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.150	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.197	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.406	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.157	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.194	0.196	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.761	0.772	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.766	0.780	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	UJ	PF-LCS-L ug/kg dry	0.111	0.812	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.361	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.196	0.406	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:05	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-13 (0-2)

York Sample ID: 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND R	PF-LCS-L	ug/kg dry	0.0629	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0975	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.159	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.604	0.761	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.617	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.316	0.767	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
756426-58-1	* 9CL-PF3ONS	ND UJ	PF-LCS-L	ug/kg dry	0.250	0.759	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.767	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND UJ	PF-LCS-L	ug/kg dry	0.172	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:05	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.644	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.13	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.52	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.620	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.708	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:05	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*141 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*127 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.7 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*136 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*127 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*123 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*95.2 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*89.5 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*91.6 %*	*10-150*

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*10.5 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*150 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*41.7 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*129 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*90.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*97.9 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*120 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*91.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*136 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*74.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*78.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*125 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*95.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*120 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.168	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0335	5	EPA 8081B	05/12/2025 14:42	05/14/2025 00:38	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:11	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-120*

Sample Information

Client Sample ID: 25SB-13 (0-2)

York Sample ID: 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5320**	J	mg/kg dry	4.25	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.12	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.73**		mg/kg dry	1.27	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**30.9**	J	mg/kg dry	2.12	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.052**		mg/kg dry	0.043	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.255	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1160**	J	mg/kg dry	4.25	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**12.6**	J	mg/kg dry	0.425	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**4.47**	J	mg/kg dry	0.339	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**17.0**	J	mg/kg dry	1.70	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**9320**	J	mg/kg dry	21.2	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**11.9**	J	mg/kg dry	0.425	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2170**	J	mg/kg dry	4.25	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**203**	J	mg/kg dry	0.425	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**8.90**	J	mg/kg dry	0.846	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**767**	J	mg/kg dry	4.25	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.12	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.428	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**84.1**		mg/kg dry	42.5	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.70	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**15.0**	J	mg/kg dry	0.846	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**39.2**	J	mg/kg dry	2.11	1	EPA 6010D	05/07/2025 14:38	05/08/2025 10:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (0-2) **York Sample ID:** 25E0212-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:00 am	05/05/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0306	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.689**		mg/kg dry	0.510	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**11.9**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**98.1**		%	0.100	1	SM 2540G	05/07/2025 09:32	05/07/2025 12:00	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	UJ QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (3-5)

York Sample ID: 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.196	0.392	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.196	0.392	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R	CAL-E mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0978	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	UJ	mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.196	0.392	2	EPA 8270E	05/12/2025 14:51	05/13/2025 12:38	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.8 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*34.3 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.7 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.2 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.1 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.6 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 13:16	SS
						Certifications:	NELAC-NY10854			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*		*39-127.5*						

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0632	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.213	0.218	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.205	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.199	0.222	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.225	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.228	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.236	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.194	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.149	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.123	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.176	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.231	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.130	0.477	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.174	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.185	0.238	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.228	0.230	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.894	0.906	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.900	0.916	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.130	0.954	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.166	0.425	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.230	0.477	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	PF-LCS-L ug/kg dry	0.0739	0.477	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.477	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.187	0.224	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.709	0.894	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.725	0.954	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND	UJ	PF-LCS-L ug/kg dry	0.371	0.901	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	UJ	PF-LCS-L ug/kg dry	0.293	0.892	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.207	0.901	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ	PF-LCS-L ug/kg dry	0.202	0.231	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	UJ	PF-CCV-L, PF-LCS-L ug/kg dry	0.148	0.229	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.756	1.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.50	5.96	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.79	5.96	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.729	2.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.215	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.831	2.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.236	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:31	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*128 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*127 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*99.0 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*130 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*87.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*7.90 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*128 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*86.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*102 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*95.8 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*103 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*81.9 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*115 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*116 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*57.2 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*47.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*123 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.9 %*		*25-150*

Sample Information

Client Sample ID: 25SB-13 (3-5)

York Sample ID: 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.197	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0395	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:09	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.0 %*	*30-150*

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:24	NF
						Certifications:				

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11200**	J	mg/kg dry	5.00	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.50	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.21**		mg/kg dry	1.50	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**74.3**	J	mg/kg dry	2.50	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.300	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1700**	J	mg/kg dry	5.00	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**22.7**	J	mg/kg dry	0.500	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**9.08**	J	mg/kg dry	0.399	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**25.1**	J	mg/kg dry	2.00	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**18100**	J	mg/kg dry	25.0	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**4.40**	J		mg/kg dry	0.500	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**5000**	J		mg/kg dry	5.00	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**434**	J		mg/kg dry	0.500	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**20.8**	J		mg/kg dry	0.996	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**2070**	J	B	mg/kg dry	5.00	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.50	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.504	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**143**			mg/kg dry	50.0	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	2.00	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**31.5**	J		mg/kg dry	0.996	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**121**	J		mg/kg dry	2.49	1	EPA 6010D	05/07/2025 14:41	05/08/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0360	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.924**		mg/kg dry	0.600	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**21.8**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-13 (3-5) **York Sample ID:** 25E0212-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:07 am	05/05/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.4		%	0.100	1	SM 2540G	05/07/2025 09:32	05/07/2025 12:00	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.077	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	UJ QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ	QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND			mg/kg dry	0.0038	0.0077	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND			mg/kg dry	0.0038	0.0077	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ	QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ	QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		CAL-E	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	**Tetrachloroethylene**	**0.0031**	J-	QL-02, J	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND			mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	**Trichloroethylene**	**0.0034**		J	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 08:00	05/08/2025 22:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.177	0.354	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0885	0.177	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.354	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 14:32	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-13 (13-15)

York Sample ID: 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0564	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.426	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.799	0.809	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.804	0.818	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	UJ	PF-LCS-L ug/kg dry	0.116	0.852	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.379	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.206	0.426	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 14:37	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS -L	ug/kg dry	0.0660	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.634	0.799	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.647	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.331	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
756426-58-1	* 9CL-PF3ONS	ND	UJ PF-LCS -L	ug/kg dry	0.262	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ PF-LCS -L	ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 14:37	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.675	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.23	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.651	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.742	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 14:37	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*114 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.2 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*117 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*83.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.7 %*	*10-150*

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*12.0 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*139 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*78.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*112 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.0 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*98.3 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*76.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*106 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*110 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*69.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*87.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*92.3 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:24	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:38	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-120*

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5590**	J		mg/kg dry	4.46	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ		mg/kg dry	2.23	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.55**			mg/kg dry	1.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**52.1**	J		mg/kg dry	2.23	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.107**			mg/kg dry	0.045	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND			mg/kg dry	0.268	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1640**	J		mg/kg dry	4.46	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**13.9**	J		mg/kg dry	0.447	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**4.93**	J		mg/kg dry	0.357	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**13.0**	J		mg/kg dry	1.79	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**15800**	J		mg/kg dry	22.3	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**3.89**	J		mg/kg dry	0.447	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2280**	J		mg/kg dry	4.47	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**356**	J		mg/kg dry	0.447	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**9.39**	J		mg/kg dry	0.889	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1400**	J	B	mg/kg dry	4.47	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.23	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.450	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**127**			mg/kg dry	44.6	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.79	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**21.6**	J		mg/kg dry	0.889	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**25.3**	J		mg/kg dry	2.22	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-13 (13-15) **York Sample ID:** 25E0212-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 10:04 am	05/05/2025

Mercury by 7473

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0321	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.977**		mg/kg dry	0.536	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.9**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**93.3**		%	0.100	1	SM 2540G	05/07/2025 09:32	05/07/2025 12:00	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (0-2)

York Sample ID: 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (0-2)

York Sample ID: 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (0-2)

York Sample ID: 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.184	0.368	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0918	0.183	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	UJ	mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.184	0.368	2	EPA 8270E	05/12/2025 14:51	05/13/2025 13:36	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*21.1 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.8 %*	S-08	*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*20.2 %*	S-08	*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*24.4 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*30.5 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*29.0 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 14:47	SS
						Certifications:	NELAC-NY10854			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*102 %*		*39-127.5*						

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0593	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.205	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-9 (0-2)

York Sample ID: 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.448	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.840	0.851	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.845	0.860	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	UJ	ug/kg dry	0.122	0.896	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.399	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.448	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0694	0.448	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.448	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.210	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.666	0.840	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.681	0.896	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.348	0.846	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	UJ	ug/kg dry	0.275	0.837	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.846	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ	PF-CCV-L ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		PF-CCV-L ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.710	1.12	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:25	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.35	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.684	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.780	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:25	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*127 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*95.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*129 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*133 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*112 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*86.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*98.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*10.9 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*157 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*102 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*123 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*80.8 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.4 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*107 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*77.3 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*121 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*117 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*70.5 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*73.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*105 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*114 %*		*25-150*

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:39	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.6 %*	*30-150*

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	05/12/2025 14:41	05/13/2025 20:52	NF
						Certifications:				

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6540**	J	mg/kg dry	4.66	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.33	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.92**		mg/kg dry	1.40	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**58.6**	J	mg/kg dry	2.33	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**4140**	J	mg/kg dry	4.67	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**14.0**	J	mg/kg dry	0.467	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.79**	J	mg/kg dry	0.373	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**33.8**	J	mg/kg dry	1.87	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**11600**	J	mg/kg dry	23.3	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**85.8**	J		mg/kg dry	0.467	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2990**	J		mg/kg dry	4.67	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**268**	J		mg/kg dry	0.467	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**14.7**	J		mg/kg dry	0.929	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1310**	J	B	mg/kg dry	4.67	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.33	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.470	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**198**			mg/kg dry	46.7	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.87	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**19.6**	J		mg/kg dry	0.929	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**79.7**	J		mg/kg dry	2.32	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.560	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.0**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-9 (0-2) **York Sample ID:** 25E0212-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:00 am	05/05/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260D	05/09/2025 11:12	05/09/2025 13:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.178	0.356	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R CAL-E	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0889	0.177	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CCVE, CAL-E	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	UJ	mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.178	0.356	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:04	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*22.2 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*19.2 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*20.4 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*24.8 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*31.7 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*32.6 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 15:02	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*102 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.190	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0569	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.197	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.200	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.430	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.215	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.805	0.816	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.811	0.825	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.859	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.382	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.430	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:42	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0666	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.639	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.653	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.334	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
756426-58-1	* 9CL-PF3ONS	ND	UJ	ug/kg dry	0.264	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ PF-CCV-L	ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 15:42	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.681	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.656	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.749	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:42	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*112 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*83.6 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*122 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*80.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.1 %*	*10-150*

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*109 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*125 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*113 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*111 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*70.9 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*80.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*66.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*103 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*108 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*74.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*72.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*99.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*107 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B	05/12/2025 14:42	05/14/2025 01:55	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:05	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-120*

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6330**	J		mg/kg dry	4.48	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ		mg/kg dry	2.24	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND			mg/kg dry	1.35	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**36.9**	J		mg/kg dry	2.24	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND			mg/kg dry	0.045	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND			mg/kg dry	0.269	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1410**	J		mg/kg dry	4.48	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**22.0**	J		mg/kg dry	0.449	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.45**	J		mg/kg dry	0.358	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**12.6**	J		mg/kg dry	1.79	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**10600**	J		mg/kg dry	22.4	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**3.28**	J		mg/kg dry	0.449	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3720**	J		mg/kg dry	4.49	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**285**	J		mg/kg dry	0.449	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**12.9**	J		mg/kg dry	0.893	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1350**	J	B	mg/kg dry	4.49	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.24	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.452	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**140**			mg/kg dry	44.8	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.80	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**16.0**	J		mg/kg dry	0.893	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**66.2**	J		mg/kg dry	2.23	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (2-4) **York Sample ID:** 25E0212-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:07 am	05/05/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0323	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.728**		mg/kg dry	0.538	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**21.3**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**92.9**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	**Tetrachloroethylene**	**0.0040**	J	mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	**Trichloroethylene**	**0.011**		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0095	0.019	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.195	0.390	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.195	0.390	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R CAL-E	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0975	0.195	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	UJ	mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.195	0.390	2	EPA 8270E	05/12/2025 14:51	05/13/2025 14:33	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.6 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*29.8 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*31.4 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*38.8 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*50.4 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*45.8 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 15:32	SS
						Certifications:	NELAC-NY10854			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*		*39-127.5*						

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0631	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.213	0.218	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.205	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.225	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.227	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.236	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.194	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.149	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.123	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.176	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.231	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.130	0.476	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.174	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.184	0.238	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.227	0.230	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.892	0.904	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.898	0.914	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.130	0.952	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.165	0.424	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.230	0.476	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0738	0.476	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.476	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.187	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.708	0.892	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.723	0.952	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.370	0.899	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	UJ	ug/kg dry	0.293	0.890	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.207	0.899	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ	PF-CCV-L ug/kg dry	0.201	0.231	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		PF-CCV-L ug/kg dry	0.148	0.228	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.754	1.19	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 15:58	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.50	5.95	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.78	5.95	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.727	2.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.214	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.829	2.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.236	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 15:58	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*119 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*82.6 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*91.2 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*103 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*91.3 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*67.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*61.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*66.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*114 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*98.4 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*121 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*83.3 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*52.5 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*55.9 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*85.3 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*54.8 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*86.4 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*104 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*48.4 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*48.3 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.7 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*70.6 %*	*25-150*

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.195	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0391	5	EPA 8081B	05/12/2025 14:42	05/14/2025 02:10	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.9 %*	*30-150*

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:19	NF
						Certifications:				

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6420**	J	mg/kg dry	4.97	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.48	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.49	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**28.7**	J	mg/kg dry	2.48	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.298	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2590**	J	mg/kg dry	4.97	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**14.5**	J	mg/kg dry	0.497	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.82**	J	mg/kg dry	0.397	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**14.1**	J	mg/kg dry	1.99	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**11000**	J	mg/kg dry	24.8	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**2.94**	J		mg/kg dry	0.497	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**4160**	J		mg/kg dry	4.97	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**222**	J		mg/kg dry	0.497	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**12.2**	J		mg/kg dry	0.989	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1110**	J	B	mg/kg dry	4.97	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.48	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.501	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**238**			mg/kg dry	49.7	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.99	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**19.9**	J		mg/kg dry	0.989	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**34.4**	J		mg/kg dry	2.47	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0358	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.596	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.5**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-9 (12-14) **York Sample ID:** 25E0212-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 11:04 am	05/05/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.9		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	**Trichloroethylene**	**0.0030**	J	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	05/09/2025 11:12	05/09/2025 14:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.170	0.340	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.170	0.340	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (0-2)

York Sample ID: 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R CAL-E	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0850	0.170	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	UJ	mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.170	0.340	2	EPA 8270E	05/12/2025 14:51	05/13/2025 15:02	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*25.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*27.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*33.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*42.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*39.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 15:49	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*108 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.182	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0545	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.188	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.177	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.172	0.191	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.194	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.152	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.412	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.772	0.782	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.777	0.790	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.823	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.366	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.412	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:14	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-6 (0-2)

York Sample ID: 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0638	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0988	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.612	0.772	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.626	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.320	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
756426-58-1	* 9CL-PF3ONS	ND	UJ	ug/kg dry	0.253	0.770	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.179	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ PF-CCV-L	ug/kg dry	0.174	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 16:14	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.652	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.16	5.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.54	5.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.629	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.717	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:14	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*107 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*114 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*80.8 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*92.6 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*116 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*85.1 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*68.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*53.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.1 %*	*10-150*

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*109 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*101 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*116 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*93.0 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*60.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*62.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*85.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*56.7 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*87.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*98.5 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*52.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*51.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*107 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*74.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*82.1 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0337	5	EPA 8081B	05/12/2025 14:42	05/13/2025 12:46	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:33	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-120*

Sample Information

Client Sample ID: 25SB-6 (0-2)

York Sample ID: 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7540**	J		mg/kg dry	4.29	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ		mg/kg dry	2.14	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**3.21**			mg/kg dry	1.29	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**368**	J		mg/kg dry	2.14	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.101**			mg/kg dry	0.043	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**0.463**			mg/kg dry	0.257	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2150**	J		mg/kg dry	4.29	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**19.3**	J		mg/kg dry	0.429	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.23**	J		mg/kg dry	0.343	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**45.7**	J		mg/kg dry	1.72	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**12200**	J		mg/kg dry	21.4	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**140**	J		mg/kg dry	0.429	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2680**	J		mg/kg dry	4.29	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**324**	J		mg/kg dry	0.429	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**13.3**	J		mg/kg dry	0.854	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1130**	J	B	mg/kg dry	4.29	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.14	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.432	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**134**			mg/kg dry	42.9	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.72	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**21.7**	J		mg/kg dry	0.854	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**186**	J		mg/kg dry	2.14	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (0-2) **York Sample ID:** 25E0212-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:00 pm	05/05/2025

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.140**		mg/kg dry	0.0309	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Sample Prepared by Method: EPA SW846-3060

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.515	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Sample Prepared by Method: Analysis Preparation

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.3**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**97.2**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	05/09/2025 11:12	05/09/2025 15:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	CAL-E mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		CAL-E mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.182	0.364	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.364	2	EPA 8270E	05/15/2025 09:00	05/15/2025 18:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.1 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*43.3 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.5 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.3 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.2 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.8 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 16:05	SS
						Certifications:	NELAC-NY10854			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*		*39-127.5*						

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0579	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.219	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.819	0.830	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.825	0.839	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.874	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0677	0.437	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.205	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.650	0.819	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.664	0.874	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.340	0.826	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	UJ	ug/kg dry	0.269	0.817	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.826	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ	PF-CCV-L ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		PF-CCV-L ug/kg dry	0.135	0.210	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.693	1.09	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 16:30	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.668	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.762	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 16:30	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*119 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*83.2 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*121 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*76.3 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*63.8 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.0 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*35.2 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*128 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*90.0 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*100 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*65.4 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.7 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*95.8 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*73.1 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*111 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*105 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.8 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.0 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*75.5 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*81.7 %*	*25-150*

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0360	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:03	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.4 %*	*30-150*

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	05/12/2025 14:41	05/13/2025 21:46	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6120**	J	mg/kg dry	4.57	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.28	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.45**		mg/kg dry	1.37	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**42.5**	J	mg/kg dry	2.28	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1240**	J	mg/kg dry	4.57	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**17.2**	J	mg/kg dry	0.457	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**8.40**	J	mg/kg dry	0.365	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**19.1**	J	mg/kg dry	1.83	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**14400**	J	mg/kg dry	22.8	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.04**	J		mg/kg dry	0.457	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2740**	J		mg/kg dry	4.57	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**388**	J		mg/kg dry	0.457	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**14.6**	J		mg/kg dry	0.910	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1200**	J	B	mg/kg dry	4.57	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.28	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.461	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**129**			mg/kg dry	45.7	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.83	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**27.4**	J		mg/kg dry	0.910	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**101**	J		mg/kg dry	2.28	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.690**		mg/kg dry	0.548	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.5**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-6 (3-5) **York Sample ID:** 25E0212-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:02 pm	05/05/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.2**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND	UJ QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND			mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND			mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND			mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND			mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	UJ	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	UJ	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		CCVE	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND			mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND			mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**0.0061**		J	mg/kg dry	0.0047	0.0094	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND			mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND			mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND			mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND			mg/kg dry	0.0047	0.0094	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	UJ	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND			mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	UJ	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	UJ	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND			mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND			mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND	UJ	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.185	0.371	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.185	0.371	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.371	2	EPA 8270E	05/15/2025 09:00	05/15/2025 19:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*47.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.5 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 16:20	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0594	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.205	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.183	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.448	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.164	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.840	0.851	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.846	0.860	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.896	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.399	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.448	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:02	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0694	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.666	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.681	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.348	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
756426-58-1	* 9CL-PF3ONS	ND	UJ	ug/kg dry	0.275	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ	PF-CCV-L ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		PF-CCV-L ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:02	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.710	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.35	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.684	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.781	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:02	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*120 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.9 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*122 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*84.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*69.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.7 %*	*10-150*

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*113 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*132 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*120 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*123 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*77.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*79.9 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*97.3 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*79.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*113 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*69.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*61.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*110 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*80.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*89.4 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0369	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:20	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*106 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:00	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-120*

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5)

York Sample ID: 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9010**	J	mg/kg dry	4.68	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.61**		mg/kg dry	1.41	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**62.9**	J	mg/kg dry	2.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.108**		mg/kg dry	0.047	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**4890**	J	mg/kg dry	4.69	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**23.6**	J	mg/kg dry	0.469	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**8.29**	J	mg/kg dry	0.374	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**22.5**	J	mg/kg dry	1.87	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**18900**	J	mg/kg dry	23.4	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**6.12**	J	mg/kg dry	0.469	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**4940**	J	mg/kg dry	4.69	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**381**	J	mg/kg dry	0.469	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**19.2**	J	mg/kg dry	0.933	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**2190**	J B	mg/kg dry	4.69	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**144**		mg/kg dry	46.9	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.88	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**24.4**	J	mg/kg dry	0.933	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**42.5**	J	mg/kg dry	2.33	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-6 (11.5-13.5) **York Sample ID:** 25E0212-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 12:04 pm	05/05/2025

Mercury by 7473

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.562	1	EPA 7196A	05/07/2025 09:17	05/07/2025 17:30	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**23.6**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**88.9**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	UJ CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND	UJ CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	ICVE	ug/L	0.119	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	ICVE	ug/L	0.448	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	ICVE	ug/L	0.372	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND	UJ QL-02	ug/L	0.212	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	ICVE	ug/L	0.337	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	ICVE	ug/L	0.469	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:27	1
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ CAL-E	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	R	ug/L	5.00	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	UJ	ug/L	1.00	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND	UJ QL-02	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	UJ	ug/L	5.00	10.0	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:				
110-86-1	Pyridine	ND	R QL-02	ug/L	2.50	5.00	1	EPA 8270D	05/10/2025 10:34	05/13/2025 12:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.2 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.2 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.4 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*35.6 %*	S-08	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*44.4 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.6 %*		*30.7-106*

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	R QL-02	ug/L	0.500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	R QL-02	ug/L	0.500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/10/2025 10:24	05/12/2025 11:26	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	05/12/2025 08:54	05/13/2025 20:32	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*36.6-118*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.449	1.69	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.334	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.678	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.649	1.75	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.401	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.783	1.78	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.497	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.716	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.707	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.659	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.755	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.984	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.220	3.82	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.869	1.82	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	UJ	PF-LCS-L ng/L	1.26	1.84	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.16	7.26	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 21:20	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.96	7.34	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ng/L	0.315	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.478	3.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 21:20	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.04	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 21:20	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	PF-LCS-L ng/L	0.239	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 21:20	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.353	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 21:20	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.726	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.71	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.09	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
756426-58-1	9CL-PF3ONS	ND	UJ	PF-LCS-L ng/L	0.669	7.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
919005-14-4	ADONA	ND		ng/L	0.506	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ	PF-LCS-L, PF-CCV-L ng/L	0.888	1.85	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		PF-CCV-L ng/L	0.821	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 21:20	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.94	4.78	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.00	23.9	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.04	23.9	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.91	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.72	1.91	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 21:20	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*	*25-150*

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*131 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*143 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*141 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*96.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*86.2 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*4.19 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*161 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*75.7 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*136 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*95.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*104 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*82.1 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*128 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*93.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*94.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*96.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*108 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	05/09/2025 08:33	05/09/2025 22:18	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	05/09/2025 08:26	05/10/2025 22:44	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1.09**	J+ M-BS	mg/L	0.0556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**0.0899**		mg/L	0.0556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**0.337**		mg/L	0.0556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**0.947**		mg/L	0.556	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E0212-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 8:50 am	05/05/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**0.0348**		mg/L	0.0278	1	EPA 6010D	05/07/2025 08:43	05/08/2025 12:48	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	UJ	ug/L	2.22	1	EPA 6020B	05/07/2025 08:25	05/08/2025 15:42	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	2.22	1	EPA 6020B	05/07/2025 08:25	05/08/2025 15:42	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.667	1	EPA 6020B	05/07/2025 08:25	05/08/2025 15:42	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020B	05/07/2025 08:25	05/08/2025 15:42	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	* Selenium	ND		ug/L	2.22	1	EPA 6020B	05/07/2025 08:25	05/08/2025 15:42	cw
						Certifications:	CTDOH-PH-0723			
7440-28-0	Thallium	ND		ug/L	2.22	1	EPA 6020B	05/07/2025 08:25	05/08/2025 15:42	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/05/2025 18:51	05/05/2025 23:20	CB
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/09/2025 14:48	05/09/2025 14:59	SL
						Certifications:				

Analyzed by: Phoenix Environmental Labs, Inc.

E245.1

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	E245.1	05/08/2025 00:00	05/09/2025 10:13	CT007
							Certifications:				

Sample Information

Client Sample ID: TB-2 **York Sample ID:** 25E0212-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 12:00 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	UJ CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND	UJ CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: TB-2 **York Sample ID:** 25E0212-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 12:00 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	ICVE	ug/L	0.119	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	ICVE	ug/L	0.448	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	ICVE	ug/L	0.372	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: TB-2 **York Sample ID:** 25E0212-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 12:00 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND	UJ QL-02	ug/L	0.212	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	ICVE	ug/L	0.337	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	ICVE	ug/L	0.469	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	05/13/2025 10:04	05/13/2025 20:37	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*81-117*

Sample Information

Client Sample ID: TB-2 **York Sample ID:** 25E0212-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Water	May 5, 2025 12:00 am	05/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*			*79-122*						

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	UJ	IS-LO	mg/kg dry	0.049	0.097	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND	UJ	IS-LO	mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	UJ	ICVE, IS-LO	mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	UJ	QL-02, IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	UJ	CCVE, IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND	UJ	IS-LO	mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND	UJ	IS-LO	mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND	UJ	IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND	UJ IS-LO, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	UJ IS-LO	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND	UJ IS-LO	mg/kg dry	0.0073	0.015	1	EPA 8260D	05/09/2025 11:19	05/09/2025 15:43	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*124 %*	IS-LO	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*88.8 %*	IS-LO	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	IS-LO	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (0-2)

York Sample ID: 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.171	0.342	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.171	0.342	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (0-2)

York Sample ID: 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R CAL-E	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.171	0.342	2	EPA 8270E	05/12/2025 14:51	05/13/2025 16:28	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.0 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.0 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*21.4 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*26.0 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*30.7 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*30.2 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 16:35	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*114 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-5 (0-2)

York Sample ID: 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.115	0.184	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0550	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.190	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.173	0.193	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.196	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.198	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.169	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.201	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.415	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.152	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.198	0.200	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.779	0.789	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.784	0.798	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.113	0.831	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.370	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.200	0.415	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:18	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-5 (0-2)

York Sample ID: 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0644	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0997	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.163	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.618	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.631	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.323	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
756426-58-1	* 9CL-PF3ONS	ND	UJ	ug/kg dry	0.255	0.777	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ PF-CCV-L	ug/kg dry	0.176	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.129	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:18	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.658	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.18	5.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.56	5.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.635	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.724	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:18	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*123 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.8 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*130 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*90.3 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*78.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.9 %*	*10-150*

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.23 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*148 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*78.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*122 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.4 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.1 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*103 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*79.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*104 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*107 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*65.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*81.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*96.6 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0340	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:37	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:13	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-120*

Sample Information

Client Sample ID: 25SB-5 (0-2)

York Sample ID: 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7940**	J		mg/kg dry	4.33	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ		mg/kg dry	2.17	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.47**			mg/kg dry	1.30	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**30.5**	J		mg/kg dry	2.16	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.138**			mg/kg dry	0.044	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND			mg/kg dry	0.260	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1100**	J		mg/kg dry	4.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**16.0**	J		mg/kg dry	0.434	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.54**	J		mg/kg dry	0.347	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**24.9**	J		mg/kg dry	1.73	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**13600**	J		mg/kg dry	21.7	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**3.14**	J		mg/kg dry	0.434	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3490**	J		mg/kg dry	4.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**277**	J		mg/kg dry	0.434	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**13.7**	J		mg/kg dry	0.864	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**817**	J	B	mg/kg dry	4.34	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.17	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.437	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**144**			mg/kg dry	43.4	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.74	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**18.4**	J		mg/kg dry	0.864	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**29.9**	J		mg/kg dry	2.16	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (0-2) **York Sample ID:** 25E0212-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:00 pm	05/05/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0312	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.520	1	EPA 7196A	05/08/2025 09:38	05/08/2025 17:23	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.0**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.1**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND	UJ QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-5 (3-5)

York Sample ID: 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	UJ QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	UJ QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	UJ QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	UJ QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	UJ QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND	UJ QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.348	2	EPA 8270E	05/13/2025 09:20	05/13/2025 19:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.3 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.6 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.2 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.7 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.2 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.2 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 16:50	SS
						Certifications:	NELAC-NY10854			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*128 %*	S-HI	*39-127.5*						

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0559	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.422	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.791	0.801	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.796	0.810	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.115	0.843	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.375	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.203	0.422	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0654	0.422	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.422	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.198	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.627	0.791	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.641	0.843	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.328	0.797	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	UJ	ug/kg dry	0.259	0.789	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.797	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ	PF-CCV-L ug/kg dry	0.178	0.205	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		PF-CCV-L ug/kg dry	0.131	0.202	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.668	1.05	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:34	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.644	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.735	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:34	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*117 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.9 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*100 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*125 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*71.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*69.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.89 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*139 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*64.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*107 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*78.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*82.8 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*98.9 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*72.0 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.8 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*56.4 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*52.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*74.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*84.2 %*		*25-150*

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0347	5	EPA 8081B	05/12/2025 14:42	05/13/2025 13:54	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.8 %*	*30-150*

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:27	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7210**	J	mg/kg dry	4.42	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.21	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.86**		mg/kg dry	1.33	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**24.6**	J	mg/kg dry	2.21	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.126**		mg/kg dry	0.045	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.265	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1570**	J	mg/kg dry	4.42	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**12.3**	J	mg/kg dry	0.442	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.73**	J	mg/kg dry	0.353	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**18.0**	J	mg/kg dry	1.77	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**11900**	J	mg/kg dry	22.1	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.32**	J		mg/kg dry	0.442	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3290**	J		mg/kg dry	4.42	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**275**	J		mg/kg dry	0.442	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**13.5**	J		mg/kg dry	0.880	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1240**	J	B	mg/kg dry	4.42	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.21	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.445	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**115**			mg/kg dry	44.2	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.77	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**18.0**	J		mg/kg dry	0.880	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**29.1**	J		mg/kg dry	2.20	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0318	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.530	1	EPA 7196A	05/08/2025 09:38	05/08/2025 17:23	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.3**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-5 (3-5) **York Sample ID:** 25E0212-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:02 pm	05/05/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.3		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	R	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	R	IS-LO	mg/kg dry	0.056	0.11	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND	R	IS-LO	mg/kg dry	0.0056	0.011	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	R	ICVE, IS-LO	mg/kg dry	0.0056	0.011	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND	R	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	R	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	R	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	R	CCVE, IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND	R	IS-LO	mg/kg dry	0.0056	0.011	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND	R	IS-LO	mg/kg dry	0.0056	0.011	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	R	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	R	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	R	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	R	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	R	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	R	IS-LO, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND	R	IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND	R QL-02, IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	R IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	R IS-LO	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND	R IS-LO	mg/kg dry	0.0083	0.017	1	EPA 8260D	05/09/2025 11:19	05/09/2025 16:36	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*135 %*	IS-LO, S-03, S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.8 %*	IS-LO	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.4 %*	IS-LO	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.195	0.389	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.195	0.389	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0971	0.194	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.195	0.389	2	EPA 8270E	05/13/2025 09:20	05/13/2025 20:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*51.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 17:05	SS
						Certifications:	NELAC-NY10854			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*136 %*	S-HI	*39-127.5*						

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.210	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0628	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.212	0.217	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.204	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.224	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.193	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.230	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.474	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.173	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.184	0.237	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	0.229	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.888	0.900	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 17:50	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.894	0.909	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.129	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.165	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.229	0.474	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0734	0.474	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.474	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.186	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.705	0.888	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.720	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.368	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
756426-58-1	* 9CL-PF3ONS	ND	UJ	ug/kg dry	0.291	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.206	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ	PF-CCV-L ug/kg dry	0.200	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		PF-CCV-L ug/kg dry	0.147	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/06/2025 13:57	05/08/2025 17:50	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.751	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.78	5.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.724	2.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.825	2.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/06/2025 13:57	05/08/2025 17:50	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*110 %*	*25-150*

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*84.1 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*99.6 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*115 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*112 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*98.6 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*76.7 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.0 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*6.13 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*135 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*67.0 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*122 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*80.9 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*81.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*88.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*70.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.4 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*58.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*101 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*74.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*87.4 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
					Certifications:		NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.193	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0387	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:11	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:41	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7440**	J	mg/kg dry	4.93	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.47	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.48	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**37.9**	J	mg/kg dry	2.46	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.296	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2520**	J	mg/kg dry	4.93	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**16.4**	J	mg/kg dry	0.494	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.78**	J	mg/kg dry	0.394	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**15.3**	J	mg/kg dry	1.97	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**12400**	J	mg/kg dry	24.7	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**2.66**	J	mg/kg dry	0.494	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**4800**	J	mg/kg dry	4.94	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**245**	J	mg/kg dry	0.494	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**14.0**	J	mg/kg dry	0.983	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1490**	J B	mg/kg dry	4.94	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-5 (11-13) **York Sample ID:** 25E0212-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 2:04 pm	05/05/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.47	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.497	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**228**		mg/kg dry	49.3	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.98	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**22.5**	J	mg/kg dry	0.983	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**33.4**	J	mg/kg dry	2.46	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0355	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.592	1	EPA 7196A	05/08/2025 09:38	05/08/2025 17:23	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.4**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL
						Certifications:				

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**84.4**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND			mg/kg dry	0.060	0.12	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND			mg/kg dry	0.0060	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0060	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND	UJ QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	UJ QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	UJ QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND			mg/kg dry	0.0060	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND			mg/kg dry	0.0060	0.012	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	UJ	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	UJ	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	UJ	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND	UJ	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND			mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND			mg/kg dry	0.0090	0.018	1	EPA 8260D	05/09/2025 11:19	05/09/2025 17:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	05/13/2025 09:20	05/13/2025 21:00	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*44.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/11/2025 07:32	05/12/2025 17:21	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0616	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.208	0.213	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.220	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.222	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.189	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.145	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.225	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.465	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.180	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.871	0.883	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.877	0.892	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.127	0.929	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.161	0.414	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.224	0.465	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0720	0.465	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.465	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.182	0.218	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.691	0.871	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.706	0.929	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.361	0.878	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	UJ	ug/kg dry	0.286	0.869	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.202	0.878	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ PF-CCV-L	ug/kg dry	0.196	0.225	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.144	0.223	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.736	1.16	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.44	5.81	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.81	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.710	2.32	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.209	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.810	2.32	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3	05/06/2025 13:57	05/08/2025 18:07	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*115 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*109 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*79.0 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*113 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*83.2 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*66.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.04 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*129 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*68.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*105 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*71.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*75.0 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*93.8 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*71.8 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*90.5 %*		*25-150*

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*104 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*68.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*53.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*70.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*84.4 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.191	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0381	5	EPA 8081B	05/12/2025 14:42	05/13/2025 14:28	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*105 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A	05/12/2025 14:41	05/13/2025 22:54	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7950**	J	mg/kg dry	4.86	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.43	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.46	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **25SB-DUP-2 (11-13)** **York Sample ID:** **25E0212-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**55.1**	J		mg/kg dry	2.43	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND			mg/kg dry	0.049	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND			mg/kg dry	0.292	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2990**	J		mg/kg dry	4.86	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**19.5**	J		mg/kg dry	0.486	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.60**	J		mg/kg dry	0.388	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**17.1**	J		mg/kg dry	1.94	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**16000**	J		mg/kg dry	24.3	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**2.88**	J		mg/kg dry	0.486	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**5000**	J		mg/kg dry	4.86	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**316**	J		mg/kg dry	0.486	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**15.8**	J		mg/kg dry	0.968	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1800**	J	B	mg/kg dry	4.86	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.43	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.490	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**262**			mg/kg dry	48.6	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.95	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**24.8**	J		mg/kg dry	0.968	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**39.6**	J		mg/kg dry	2.42	1	EPA 6010D	05/07/2025 14:41	05/08/2025 11:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0350	1	EPA 7473	05/08/2025 11:06	05/09/2025 15:31	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-2 (11-13) **York Sample ID:** 25E0212-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0212	32-20 38th Avenue, Queens New York	Soil	May 5, 2025 8:40 am	05/05/2025

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.583	1	EPA 7196A	05/08/2025 09:38	05/08/2025 17:23	JMT

Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.5**		mg/kg	0.500	1	Calculation	05/09/2025 14:42	05/09/2025 15:00	SL

Certifications:

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**85.7**		%	0.100	1	SM 2540G	05/07/2025 11:29	05/07/2025 12:20	smm

Certifications: CTDOH-PH-0723

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data for
York Analytical Laboratories, Inc., SDG: 25E0212

15 Soil Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected May 5, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, bromoform, bromomethane, chloroethane, chloromethane, and methyl acetate were below the method minimums, but not below 0.010 for QVOA9 on 05-05-25. The average RRFs for 2-butanone, 2-hexanone, and bromoform were below the method minimums, but not below 0.010 for VOA No. 3 on 05-07-25. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %RSD for 1,2-dibromo-3-chloropropane was above the allowable maximum (30%) for VOA #11 on 04-25-25. The %RSDs for acetone and bromomethane were above the allowable maximum (30%) for QVOA9 on 05-05-25. The %RSD for 1,2,4-trichlorobenzene was above the allowable maximum (30%) for VOA No. 3 on 05-07-25. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for 2-butanone, 2-hexanone, and bromoform were below the method minimums, but not below 0.010 on 05-08-25 (V31904876.D). The RRFs for 2-butanone and bromoform were below the method minimums, but not below 0.010 on 05-09-25 (V31904901.D). The RRFs for 2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, bromoform, bromomethane, chloroethane, chloromethane, and methyl acetate were below the method minimums, but not below 0.010 on 05-13-25 (QV935667.D). The %Ds for bromomethane, chloroethane, and vinyl chloride were above the method maximum on 05-08-25 (V31904876.D). The %Ds for 1,2,4-trichlorobenzene, acetone, and dichlorodifluoromethane were above the method maximum on 05-09-25 (V31904901.D).

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

The %Ds for 2-butanone, acetone, dichlorodifluoromethane, and methyl acetate were above the method maximum on 05-09-25 (V11C026347.D). The %Ds for 1,2,4-trichlorobenzene, 2-butanone, dichlorodifluoromethane, and methyl acetate were above the method maximum on 05-13-25 (QV935667.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for bromomethane, chloroethane, and vinyl chloride were above the allowable maximum (20%) on 05-08-25 (V31904876.D). The %Ds for 1,2,4-trichlorobenzene, acetone, bromomethane, dichlorodifluoromethane, hexachlorobutadiene, and TBA were above the allowable maximum (20%) on 05-09-25 (V31904901.D). The %Ds for 2-butanone, acetone, dichlorodifluoromethane, and methyl acetate were above the allowable maximum (20%) on 05-09-25 (V11C026347.D). The %Ds for 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 2-butanone, acrylonitrile, dichlorodifluoromethane, hexachlorobutadiene, methyl acetate, and TBA were above the allowable maximum (20%) on 05-13-25 (QV935667.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank BE50434-BLK1 contained a trace of methylene chloride (0.011 mg/kg). Method blank BE51092-BLK1 contained a trace of chloromethane (0.810 ug/L). Positive results for methylene chloride that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples. Positive results for chloromethane that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard retention times were within control limits. Three of three internal standard areas for sample 25SB-5 (0-2) were below control limits, but not below 25%. Positive results should be considered estimated, biased high (J+) and "not detected" results estimated (UJ) in sample 25SB-5 (0-2).

Three of three internal standard areas for sample 25SB-5 (11-13) were below control limits and below 25%. Positive results should be considered estimated, biased high (J+) and "not detected" results rejected, unusable (R) in sample 25SB-5 (11-13).

Surrogate Recovery: One of three surrogate recoveries for sample 25SB-5 (11-13) was above control limits. Positive results for compounds should be considered estimated, biased high (J+) in sample 25SB-5 (11-13).

Laboratory Control Sample: The relative percent difference (RPD) for TBA was above the allowable maximum for aqueous samples BE51092-BS1/BSD1. Positive results for TBA should be considered estimated (J) in associated aqueous samples.

One of two percent recoveries (%Rs) for 1,3,5-trimethylbenzene and p-ethyltoluene were above QC limits for aqueous samples BE51092-BS1/BSD1. Positive results for these compounds should be considered estimated, biased high (J+) in associated aqueous samples.

Two of two %Rs for cyclohexane and 1 of 2 %Rs for 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene were below QC limits, but not below 30% for aqueous samples BE51092-BS1/BSD1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Two of two %Rs for 1,4-dioxane were below QC limits and below 30% for aqueous samples BE51092-BS1/BSD1. Positive results for 1,4-dioxane should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

The RPDs for target compounds were below the allowable maximum, but 1 of 2 %Rs for methyl acetate was above QC limits for soil samples BE50427-BS1/BSD1. Positive results for methyl acetate should be considered estimated, biased high (J+) in associated soil samples.

One of two %Rs for styrene was below QC limits, but not below 10% for soil samples BE50427-BS1/BSD1. The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for ethyl benzene, p-isopropyltoluene, and styrene, and 1 of 2 %Rs for 1,2,4-trimetyhlbenzene, 1,3-dichlorobenzene, chlorobenzene, and tetrachloroethylene were below QC limits, but not below 10% for soil samples BE50434-BS1. One or two %Rs for 11 compounds (highlighted yellow on attached FORM III) were below QC limits, but not below 10% for soil samples BE50710-BS1/BSD1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" estimated (UJ)in associated soil samples.

The RPDs for acrolein were above the allowable maximum for soil samples BE50427-BS1/BSD1 and BE50710-BS1/BSD1. Positive results for acrolein should be considered estimated (J) in associated soil samples.

Field Duplicates: The analyses of soil field duplicate pair 25SB-12 (11-13)/25-SB-DUP-2 (11-13) reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compounds and surrogates were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E0920
Instrument: VOA#11
Calibration: SD50043

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5E0920-CCV1)				Lab File ID: V11C026347.D		Analyzed: 05/09/25 08:42		
SURR: 1,2-Dichloroethane-d4	50.0	105	80 - 120	6.065	6.063714	0.0013	+/-1.00	
SURR: Toluene-d8	50.0	93.7	80 - 120	7.917	7.915429	0.0016	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	98.9	80 - 120	10.707	10.70486	0.0021	+/-1.00	
LCS (BE50710-BS1)				Lab File ID: V11C026349.D		Analyzed: 05/09/25 09:34		
SURR: 1,2-Dichloroethane-d4	50.0	104	77 - 125	6.064	6.063714	0.0003	+/-1.00	
SURR: Toluene-d8	50.0	93.5	85 - 120	7.916	7.915429	0.0006	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	101	76 - 130	10.705	10.70486	0.0001	+/-1.00	
LCS Dup (BE50710-BSD1)				Lab File ID: V11C026350.D		Analyzed: 05/09/25 10:00		
SURR: 1,2-Dichloroethane-d4	50.0	104	77 - 125	6.064	6.063714	0.0003	+/-1.00	
SURR: Toluene-d8	50.0	93.5	85 - 120	7.916	7.915429	0.0006	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	101	76 - 130	10.705	10.70486	0.0001	+/-1.00	
Blank (BE50710-BLK1)				Lab File ID: V11C026351.D		Analyzed: 05/09/25 10:26		
SURR: 1,2-Dichloroethane-d4	50.0	105	77 - 125	6.065	6.063714	0.0013	+/-1.00	
SURR: Toluene-d8	50.0	93.5	85 - 120	7.917	7.915429	0.0016	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	107	76 - 130	10.706	10.70486	0.0011	+/-1.00	
25SB-6 (11.5-13.5) (25E0212-12)				Lab File ID: V11C026362.D		Analyzed: 05/09/25 15:17		
SURR: 1,2-Dichloroethane-d4	50.0	113	77 - 125	6.064	6.063714	0.0003	+/-1.00	
SURR: Toluene-d8	50.0	91.2	85 - 120	7.916	7.915429	0.0006	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	104	76 - 130	10.706	10.70486	0.0011	+/-1.00	
25SB-5 (0-2) (25E0212-15)				Lab File ID: V11C026363.D		Analyzed: 05/09/25 15:43		
SURR: 1,2-Dichloroethane-d4	50.0	124	77 - 125	6.062	6.063714	-0.0017	+/-1.00	
SURR: Toluene-d8	50.0	88.8	85 - 120	7.916	7.915429	0.0006	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	103	76 - 130	10.706	10.70486	0.0011	+/-1.00	
25SB-5 (3-5) (25E0212-16)				Lab File ID: V11C026364.D		Analyzed: 05/09/25 16:10		
SURR: 1,2-Dichloroethane-d4	50.0	107	77 - 125	6.064	6.063714	0.0003	+/-1.00	
SURR: Toluene-d8	50.0	92.8	85 - 120	7.916	7.915429	0.0006	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	104	76 - 130	10.706	10.70486	0.0011	+/-1.00	
25SB-5 (11-13) (25E0212-17)				Lab File ID: V11C026365.D		Analyzed: 05/09/25 16:36		
SURR: 1,2-Dichloroethane-d4	50.0	135	77 - 125	6.062	6.063714	-0.0017	+/-1.00	*
SURR: Toluene-d8	50.0	91.8	85 - 120	7.916	7.915429	0.0006	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	99.4	76 - 130	10.706	10.70486	0.0011	+/-1.00	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50427	Laboratory ID:	BE50427-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	40.3	80.7	75 - 129
1,1,1-Trichloroethane	50.0	45.5	91.0	71 - 137
1,1,2,2-Tetrachloroethane	50.0	43.6	87.2	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	47.7	95.4	58 - 146
1,1,2-Trichloroethane	50.0	45.0	89.9	83 - 123
1,1-Dichloroethane	50.0	42.6	85.2	75 - 130
1,1-Dichloroethylene	50.0	42.9	85.8	64 - 137
1,2,3-Trichlorobenzene	50.0	53.6	107	81 - 140
1,2,3-Trichloropropane	50.0	43.8	87.5	81 - 126
1,2,4-Trichlorobenzene	50.0	57.2	114	80 - 141
1,2,4-Trimethylbenzene	50.0	43.8	87.6	84 - 125
1,2-Dibromo-3-chloropropane	50.0	42.3	84.7	74 - 142
1,2-Dibromoethane	50.0	46.1	92.2	86 - 123
1,2-Dichlorobenzene	50.0	46.2	92.5	85 - 122
1,2-Dichloroethane	50.0	44.0	88.0	71 - 133
1,2-Dichloropropane	50.0	44.7	89.4	81 - 122
1,3,5-Trimethylbenzene	50.0	45.4	90.9	82 - 126
1,3-Dichlorobenzene	50.0	43.6	87.1	84 - 124
1,4-Dichlorobenzene	50.0	50.1	100	84 - 124
1,4-Dioxane	1050	921	87.7	10 - 228
2-Butanone	50.0	43.0	85.9	58 - 147
2-Hexanone	50.0	42.0	84.0	70 - 139
4-Methyl-2-pentanone	50.0	41.5	83.0	72 - 132
Acetone	50.0	36.2	72.5	36 - 155
Acrolein	50.0	40.2	80.4	10 - 238
Acrylonitrile	50.0	45.7	91.4	66 - 141
Benzene	50.0	43.8	87.5	77 - 127
Bromochloromethane	50.0	45.6	91.2	74 - 129
Bromodichloromethane	50.0	42.8	85.6	81 - 124
Bromoform	50.0	44.0	88.0	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50427	Laboratory ID:	BE50427-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	37.5	75.0	32 - 177
Carbon disulfide	50.0	36.4	72.8	10 - 136
Carbon tetrachloride	50.0	46.8	93.6	66 - 143
Chlorobenzene	50.0	45.4	90.9	86 - 120
Chloroethane	50.0	42.3	84.6	51 - 142
Chloroform	50.0	44.4	88.9	76 - 131
Chloromethane	50.0	34.3	68.6	49 - 132
cis-1,2-Dichloroethylene	50.0	43.6	87.2	74 - 132
cis-1,3-Dichloropropylene	50.0	42.2	84.4	81 - 129
Cyclohexane	50.0	42.3	84.6	70 - 130
Dibromochloromethane	50.0	44.4	88.8	10 - 200
Dibromomethane	50.0	44.4	88.9	83 - 124
Dichlorodifluoromethane	50.0	26.6	53.1	28 - 158
Ethyl Benzene	50.0	43.5	86.9	84 - 125
Hexachlorobutadiene	50.0	54.5	109	83 - 133
Isopropylbenzene	50.0	44.5	89.0	81 - 127
Methyl acetate	50.0	59.1	118	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	39.0	77.9	74 - 131
Methylcyclohexane	50.0	44.6	89.3	70 - 130
Methylene chloride	50.0	41.4	82.9	57 - 141
n-Butylbenzene	50.0	46.4	92.7	80 - 130
n-Propylbenzene	50.0	45.2	90.5	74 - 136
o-Xylene	50.0	43.8	87.6	83 - 123
p- & m- Xylenes	100	91.9	91.9	82 - 128
p-Isopropyltoluene	50.0	43.5	87.1	85 - 125
sec-Butylbenzene	50.0	45.5	91.0	83 - 125
Styrene	50.0	42.7	85.4 *	86 - 126
tert-Butyl alcohol (TBA)	250	193	77.1	70 - 130
tert-Butylbenzene	50.0	43.8	87.5	80 - 127
Tetrachloroethylene	50.0	42.7	85.4	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50427	Laboratory ID:	BE50427-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	44.8	89.7	85 - 121
trans-1,2-Dichloroethylene	50.0	43.2	86.5	72 - 132
trans-1,3-Dichloropropylene	50.0	40.4	80.8	78 - 132
Trichloroethylene	50.0	45.7	91.4	84 - 123
Trichlorofluoromethane	50.0	41.9	83.8	62 - 140
Vinyl Chloride	50.0	38.0	76.1	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50427	Laboratory ID:	BE50427-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	41.4	82.7	2.52	30	75 - 129
1,1,1-Trichloroethane	50.0	49.9	99.8	9.25	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	45.6	91.1	4.46	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	56.7	113	17.3	30	58 - 146
1,1,2-Trichloroethane	50.0	45.0	90.1	0.200	30	83 - 123
1,1-Dichloroethane	50.0	50.0	100	16.0	30	75 - 130
1,1-Dichloroethylene	50.0	51.9	104	18.9	30	64 - 137
1,2,3-Trichlorobenzene	50.0	51.8	104	3.49	30	81 - 140
1,2,3-Trichloropropane	50.0	44.0	87.9	0.456	30	81 - 126
1,2,4-Trichlorobenzene	50.0	54.6	109	4.58	30	80 - 141
1,2,4-Trimethylbenzene	50.0	45.0	89.9	2.59	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	43.2	86.4	2.01	30	74 - 142
1,2-Dibromoethane	50.0	46.6	93.2	1.10	30	86 - 123
1,2-Dichlorobenzene	50.0	46.0	92.0	0.455	30	85 - 122
1,2-Dichloroethane	50.0	45.3	90.7	3.00	30	71 - 133
1,2-Dichloropropane	50.0	47.2	94.5	5.53	30	81 - 122
1,3,5-Trimethylbenzene	50.0	45.2	90.5	0.441	30	82 - 126
1,3-Dichlorobenzene	50.0	44.0	88.0	0.982	30	84 - 124
1,4-Dichlorobenzene	50.0	48.8	97.6	2.55	30	84 - 124
1,4-Dioxane	1050	964	91.8	4.49	30	10 - 228
2-Butanone	50.0	44.8	89.6	4.15	30	58 - 147
2-Hexanone	50.0	45.0	89.9	6.83	30	70 - 139
4-Methyl-2-pentanone	50.0	44.4	88.7	6.71	30	72 - 132
Acetone	50.0	42.7	85.4	16.4	30	36 - 155
Acrolein	50.0	63.7	127	45.3 *	30	10 - 238
Acrylonitrile	50.0	53.2	106	15.2	30	66 - 141
Benzene	50.0	44.3	88.6	1.18	30	77 - 127
Bromochloromethane	50.0	48.4	96.7	5.92	30	74 - 129
Bromodichloromethane	50.0	45.5	91.0	6.21	30	81 - 124
Bromoform	50.0	44.4	88.8	0.928	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50427	Laboratory ID:	BE50427-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	45.2	90.4	18.7	30	32 - 177
Carbon disulfide	50.0	44.9	89.8	20.8	30	10 - 136
Carbon tetrachloride	50.0	47.2	94.4	0.851	30	66 - 143
Chlorobenzene	50.0	46.7	93.5	2.80	30	86 - 120
Chloroethane	50.0	48.4	96.8	13.5	30	51 - 142
Chloroform	50.0	47.4	94.9	6.55	30	76 - 131
Chloromethane	50.0	32.8	65.7	4.35	30	49 - 132
cis-1,2-Dichloroethylene	50.0	47.0	93.9	7.44	30	74 - 132
cis-1,3-Dichloropropylene	50.0	44.8	89.5	5.96	30	81 - 129
Cyclohexane	50.0	47.6	95.1	11.7	30	70 - 130
Dibromochloromethane	50.0	44.7	89.4	0.718	30	10 - 200
Dibromomethane	50.0	46.9	93.7	5.32	30	83 - 124
Dichlorodifluoromethane	50.0	23.2	46.3	13.7	30	28 - 158
Ethyl Benzene	50.0	45.4	90.7	4.26	30	84 - 125
Hexachlorobutadiene	50.0	53.3	107	2.12	30	83 - 133
Isopropylbenzene	50.0	44.5	89.0	0.0899	30	81 - 127
Methyl acetate	50.0	73.6	147 *	22.0	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	48.0	96.0	20.8	30	74 - 131
Methylcyclohexane	50.0	48.2	96.5	7.73	30	70 - 130
Methylene chloride	50.0	48.8	97.6	16.3	30	57 - 141
n-Butylbenzene	50.0	46.8	93.5	0.859	30	80 - 130
n-Propylbenzene	50.0	45.2	90.3	0.177	30	74 - 136
o-Xylene	50.0	45.4	90.8	3.54	30	83 - 123
p- & m- Xylenes	100	96.2	96.2	4.63	30	82 - 128
p-Isopropyltoluene	50.0	44.7	89.3	2.59	30	85 - 125
sec-Butylbenzene	50.0	44.9	89.8	1.35	30	83 - 125
Styrene	50.0	44.3	88.6	3.68	30	86 - 126
tert-Butyl alcohol (TBA)	250	241	96.2	22.1	30	70 - 130
tert-Butylbenzene	50.0	43.7	87.4	0.160	30	80 - 127
Tetrachloroethylene	50.0	41.1	82.3	3.77	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50427	Laboratory ID:	BE50427-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	46.3	92.7	3.29	30	85 - 121
trans-1,2-Dichloroethylene	50.0	51.1	102	16.6	30	72 - 132
trans-1,3-Dichloropropylene	50.0	42.6	85.1	5.18	30	78 - 132
Trichloroethylene	50.0	47.3	94.6	3.51	30	84 - 123
Trichlorofluoromethane	50.0	46.0	92.0	9.33	30	62 - 140
Vinyl Chloride	50.0	40.8	81.6	7.00	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50434	Laboratory ID:	BE50434-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	39.2	78.3	75 - 129
1,1,1-Trichloroethane	50.0	47.4	94.9	71 - 137
1,1,2,2-Tetrachloroethane	50.0	43.9	87.8	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	35.5	71.0	58 - 146
1,1,2-Trichloroethane	50.0	44.0	87.9	83 - 123
1,1-Dichloroethane	50.0	45.7	91.3	75 - 130
1,1-Dichloroethylene	50.0	39.3	78.6	64 - 137
1,2,3-Trichlorobenzene	50.0	50.2	100	81 - 140
1,2,3-Trichloropropane	50.0	45.0	90.0	81 - 126
1,2,4-Trichlorobenzene	50.0	50.9	102	80 - 141
1,2,4-Trimethylbenzene	50.0	41.5	83.0 *	84 - 125
1,2-Dibromo-3-chloropropane	50.0	46.9	93.7	74 - 142
1,2-Dibromoethane	50.0	46.7	93.5	86 - 123
1,2-Dichlorobenzene	50.0	43.3	86.6	85 - 122
1,2-Dichloroethane	50.0	44.0	88.0	71 - 133
1,2-Dichloropropane	50.0	43.8	87.7	81 - 122
1,3,5-Trimethylbenzene	50.0	43.2	86.4	82 - 126
1,3-Dichlorobenzene	50.0	39.8	79.7 *	84 - 124
1,4-Dichlorobenzene	50.0	46.5	93.0	84 - 124
1,4-Dioxane	1050	983	93.6	10 - 228
2-Butanone	50.0	46.7	93.4	58 - 147
2-Hexanone	50.0	45.1	90.1	70 - 139
4-Methyl-2-pentanone	50.0	45.2	90.3	72 - 132
Acetone	50.0	36.4	72.9	36 - 155
Acrolein	50.0	38.1	76.3	10 - 238
Acrylonitrile	50.0	48.1	96.3	66 - 141
Benzene	50.0	42.6	85.3	77 - 127
Bromochloromethane	50.0	44.5	88.9	74 - 129
Bromodichloromethane	50.0	42.6	85.2	81 - 124
Bromoform	50.0	43.9	87.9	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50434	Laboratory ID:	BE50434-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	35.8	71.6	32 - 177
Carbon disulfide	50.0	39.5	79.0	10 - 136
Carbon tetrachloride	50.0	46.8	93.6	66 - 143
Chlorobenzene	50.0	42.9	85.8 *	86 - 120
Chloroethane	50.0	37.7	75.4	51 - 142
Chloroform	50.0	43.5	87.0	76 - 131
Chloromethane	50.0	36.8	73.6	49 - 132
cis-1,2-Dichloroethylene	50.0	46.3	92.7	74 - 132
cis-1,3-Dichloropropylene	50.0	43.3	86.6	81 - 129
Cyclohexane	50.0	42.2	84.3	70 - 130
Dibromochloromethane	50.0	43.9	87.8	10 - 200
Dibromomethane	50.0	43.6	87.1	83 - 124
Dichlorodifluoromethane	50.0	37.5	74.9	28 - 158
Ethyl Benzene	50.0	41.9	83.8 *	84 - 125
Hexachlorobutadiene	50.0	50.5	101	83 - 133
Isopropylbenzene	50.0	44.8	89.7	81 - 127
Methyl acetate	50.0	63.0	126	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	49.3	98.6	74 - 131
Methylcyclohexane	50.0	44.8	89.5	70 - 130
Methylene chloride	50.0	50.1	100	57 - 141
n-Butylbenzene	50.0	40.8	81.6	80 - 130
n-Propylbenzene	50.0	43.2	86.4	74 - 136
o-Xylene	50.0	42.4	84.8	83 - 123
p- & m- Xylenes	100	85.8	85.8	82 - 128
p-Isopropyltoluene	50.0	40.4	80.8 *	85 - 125
sec-Butylbenzene	50.0	44.4	88.8	83 - 125
Styrene	50.0	40.4	80.8 *	86 - 126
tert-Butyl alcohol (TBA)	250	278	111	70 - 130
tert-Butylbenzene	50.0	44.6	89.2	80 - 127
Tetrachloroethylene	50.0	39.6	79.2 *	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50434	Laboratory ID:	BE50434-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	43.0	85.9	85 - 121
trans-1,2-Dichloroethylene	50.0	45.4	90.8	72 - 132
trans-1,3-Dichloropropylene	50.0	41.5	82.9	78 - 132
Trichloroethylene	50.0	47.7	95.4	84 - 123
Trichlorofluoromethane	50.0	39.3	78.6	62 - 140
Vinyl Chloride	50.0	35.9	71.8	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50434	Laboratory ID:	BE50434-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	39.4	78.7	0.484	30	75 - 129
1,1,1-Trichloroethane	50.0	46.5	93.0	2.02	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	43.9	87.8	0.0228	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	39.2	78.3	9.77	30	58 - 146
1,1,2-Trichloroethane	50.0	44.4	88.8	0.973	30	83 - 123
1,1-Dichloroethane	50.0	42.1	84.2	8.11	30	75 - 130
1,1-Dichloroethylene	50.0	37.3	74.6	5.17	30	64 - 137
1,2,3-Trichlorobenzene	50.0	54.4	109	8.06	30	81 - 140
1,2,3-Trichloropropane	50.0	44.7	89.4	0.624	30	81 - 126
1,2,4-Trichlorobenzene	50.0	59.1	118	15.1	30	80 - 141
1,2,4-Trimethylbenzene	50.0	43.1	86.2	3.78	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	43.8	87.6	6.80	30	74 - 142
1,2-Dibromoethane	50.0	47.3	94.5	1.15	30	86 - 123
1,2-Dichlorobenzene	50.0	45.1	90.2	4.09	30	85 - 122
1,2-Dichloroethane	50.0	42.7	85.4	2.95	30	71 - 133
1,2-Dichloropropane	50.0	42.7	85.5	2.59	30	81 - 122
1,3,5-Trimethylbenzene	50.0	45.0	90.1	4.17	30	82 - 126
1,3-Dichlorobenzene	50.0	43.1	86.1	7.79	30	84 - 124
1,4-Dichlorobenzene	50.0	49.9	99.8	7.06	30	84 - 124
1,4-Dioxane	1050	1080	103	9.27	30	10 - 228
2-Butanone	50.0	44.5	88.9	4.89	30	58 - 147
2-Hexanone	50.0	43.3	86.7	3.91	30	70 - 139
4-Methyl-2-pentanone	50.0	44.3	88.6	1.94	30	72 - 132
Acetone	50.0	32.8	65.6	10.5	30	36 - 155
Acrolein	50.0	36.0	72.1	5.64	30	10 - 238
Acrylonitrile	50.0	45.6	91.3	5.35	30	66 - 141
Benzene	50.0	43.6	87.1	2.13	30	77 - 127
Bromochloromethane	50.0	44.3	88.7	0.293	30	74 - 129
Bromodichloromethane	50.0	41.5	83.1	2.52	30	81 - 124
Bromoform	50.0	46.2	92.5	5.08	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50434	Laboratory ID:	BE50434-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	34.8	69.6		2.83	30	32 - 177
Carbon disulfide	50.0	38.2	76.4		3.40	30	10 - 136
Carbon tetrachloride	50.0	46.4	92.9		0.751	30	66 - 143
Chlorobenzene	50.0	44.3	88.6		3.28	30	86 - 120
Chloroethane	50.0	36.7	73.4		2.64	30	51 - 142
Chloroform	50.0	43.6	87.2		0.161	30	76 - 131
Chloromethane	50.0	33.5	67.0		9.50	30	49 - 132
cis-1,2-Dichloroethylene	50.0	43.7	87.4		5.82	30	74 - 132
cis-1,3-Dichloropropylene	50.0	43.0	85.9		0.811	30	81 - 129
Cyclohexane	50.0	42.8	85.6		1.46	30	70 - 130
Dibromochloromethane	50.0	44.9	89.7		2.21	30	10 - 200
Dibromomethane	50.0	43.1	86.2		1.08	30	83 - 124
Dichlorodifluoromethane	50.0	32.5	65.1		14.1	30	28 - 158
Ethyl Benzene	50.0	41.9	83.9	*	0.0477	30	84 - 125
Hexachlorobutadiene	50.0	54.1	108		6.89	30	83 - 133
Isopropylbenzene	50.0	45.4	90.8		1.22	30	81 - 127
Methyl acetate	50.0	60.6	121		3.79	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	45.0	90.0		9.14	30	74 - 131
Methylcyclohexane	50.0	44.6	89.2		0.425	30	70 - 130
Methylene chloride	50.0	43.6	87.3		13.9	30	57 - 141
n-Butylbenzene	50.0	43.4	86.8		6.15	30	80 - 130
n-Propylbenzene	50.0	44.2	88.5		2.33	30	74 - 136
o-Xylene	50.0	42.8	85.7		1.06	30	83 - 123
p- & m- Xylenes	100	85.8	85.8		0.0117	30	82 - 128
p-Isopropyltoluene	50.0	42.2	84.3	*	4.26	30	85 - 125
sec-Butylbenzene	50.0	44.6	89.3		0.494	30	83 - 125
Styrene	50.0	41.8	83.6	*	3.33	30	86 - 126
tert-Butyl alcohol (TBA)	250	259	104		7.08	30	70 - 130
tert-Butylbenzene	50.0	44.0	88.1		1.20	30	80 - 127
Tetrachloroethylene	50.0	43.3	86.5		8.88	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50434	Laboratory ID:	BE50434-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	43.4	86.8	0.950	30	85 - 121
trans-1,2-Dichloroethylene	50.0	43.0	85.9	5.46	30	72 - 132
trans-1,3-Dichloropropylene	50.0	41.1	82.3	0.799	30	78 - 132
Trichloroethylene	50.0	46.5	93.0	2.50	30	84 - 123
Trichlorofluoromethane	50.0	36.1	72.1	8.62	30	62 - 140
Vinyl Chloride	50.0	34.8	69.5	3.17	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50710	Laboratory ID:	BE50710-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	41.0	82.1	75 - 129
1,1,1-Trichloroethane	50.0	45.3	90.7	71 - 137
1,1,2,2-Tetrachloroethane	50.0	43.5	87.0	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	47.9	95.8	58 - 146
1,1,2-Trichloroethane	50.0	43.9	87.8	83 - 123
1,1-Dichloroethane	50.0	45.7	91.3	75 - 130
1,1-Dichloroethylene	50.0	43.8	87.7	64 - 137
1,2,3-Trichlorobenzene	50.0	41.5	83.0	81 - 140
1,2,3-Trichloropropane	50.0	43.5	87.0	81 - 126
1,2,4-Trichlorobenzene	50.0	42.0	83.9	80 - 141
1,2,4-Trimethylbenzene	50.0	42.6	85.2	84 - 125
1,2-Dibromo-3-chloropropane	50.0	38.9	77.8	74 - 142
1,2-Dibromoethane	50.0	44.5	88.9	86 - 123
1,2-Dichlorobenzene	50.0	43.1	86.2	85 - 122
1,2-Dichloroethane	50.0	47.4	94.8	71 - 133
1,2-Dichloropropane	50.0	42.2	84.4	81 - 122
1,3,5-Trimethylbenzene	50.0	42.5	85.0	82 - 126
1,3-Dichlorobenzene	50.0	41.9	83.8 *	84 - 124
1,4-Dichlorobenzene	50.0	42.7	85.5	84 - 124
1,4-Dioxane	1050	914	87.1	10 - 228
2-Butanone	50.0	44.1	88.3	58 - 147
2-Hexanone	50.0	42.5	84.9	70 - 139
4-Methyl-2-pentanone	50.0	42.7	85.4	72 - 132
Acetone	50.0	40.2	80.4	36 - 155
Acrolein	50.0	52.1	104	10 - 238
Acrylonitrile	50.0	50.1	100	66 - 141
Benzene	50.0	47.5	95.0	77 - 127
Bromochloromethane	50.0	49.3	98.6	74 - 129
Bromodichloromethane	50.0	40.5	80.9 *	81 - 124
Bromoform	50.0	43.3	86.5	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50710	Laboratory ID:	BE50710-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	50.6	101	32 - 177
Carbon disulfide	50.0	42.2	84.5	10 - 136
Carbon tetrachloride	50.0	44.2	88.4	66 - 143
Chlorobenzene	50.0	43.3	86.6	86 - 120
Chloroethane	50.0	50.7	101	51 - 142
Chloroform	50.0	46.9	93.8	76 - 131
Chloromethane	50.0	48.6	97.2	49 - 132
cis-1,2-Dichloroethylene	50.0	46.6	93.1	74 - 132
cis-1,3-Dichloropropylene	50.0	42.2	84.4	81 - 129
Cyclohexane	50.0	45.1	90.2	70 - 130
Dibromochloromethane	50.0	43.1	86.2	10 - 200
Dibromomethane	50.0	43.2	86.5	83 - 124
Dichlorodifluoromethane	50.0	45.8	91.6	28 - 158
Ethyl Benzene	50.0	42.5	85.1	84 - 125
Hexachlorobutadiene	50.0	36.5	73.1 *	83 - 133
Isopropylbenzene	50.0	40.3	80.7 *	81 - 127
Methyl acetate	50.0	50.7	101	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	46.8	93.6	74 - 131
Methylcyclohexane	50.0	39.2	78.4	70 - 130
Methylene chloride	50.0	45.9	91.7	57 - 141
n-Butylbenzene	50.0	43.0	86.0	80 - 130
n-Propylbenzene	50.0	41.2	82.4	74 - 136
o-Xylene	50.0	43.9	87.9	83 - 123
p- & m- Xylenes	100	85.2	85.2	82 - 128
p-Isopropyltoluene	50.0	39.6	79.2 *	85 - 125
sec-Butylbenzene	50.0	40.1	80.1 *	83 - 125
Styrene	50.0	42.4	84.8 *	86 - 126
tert-Butyl alcohol (TBA)	250	239	95.5	70 - 130
tert-Butylbenzene	50.0	39.4	78.7 *	80 - 127
Tetrachloroethylene	50.0	33.5	66.9 *	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50710	Laboratory ID:	BE50710-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	41.4	82.8 *	85 - 121
trans-1,2-Dichloroethylene	50.0	45.3	90.6	72 - 132
trans-1,3-Dichloropropylene	50.0	42.1	84.1	78 - 132
Trichloroethylene	50.0	40.8	81.5 *	84 - 123
Trichlorofluoromethane	50.0	46.2	92.3	62 - 140
Vinyl Chloride	50.0	49.6	99.3	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50710	Laboratory ID:	BE50710-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	41.3	82.7	0.728	30	75 - 129
1,1,1-Trichloroethane	50.0	47.1	94.2	3.81	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	44.3	88.6	1.80	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	51.2	102	6.68	30	58 - 146
1,1,2-Trichloroethane	50.0	44.6	89.2	1.58	30	83 - 123
1,1-Dichloroethane	50.0	47.2	94.3	3.21	30	75 - 130
1,1-Dichloroethylene	50.0	46.8	93.6	6.53	30	64 - 137
1,2,3-Trichlorobenzene	50.0	42.1	84.1	1.34	30	81 - 140
1,2,3-Trichloropropane	50.0	43.2	86.4	0.669	30	81 - 126
1,2,4-Trichlorobenzene	50.0	42.2	84.4	0.594	30	80 - 141
1,2,4-Trimethylbenzene	50.0	42.6	85.3	0.0469	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	42.1	84.1	7.81	30	74 - 142
1,2-Dibromoethane	50.0	45.0	90.0	1.19	30	86 - 123
1,2-Dichlorobenzene	50.0	43.4	86.9	0.855	30	85 - 122
1,2-Dichloroethane	50.0	49.5	99.0	4.40	30	71 - 133
1,2-Dichloropropane	50.0	43.0	85.9	1.81	30	81 - 122
1,3,5-Trimethylbenzene	50.0	42.2	84.5	0.543	30	82 - 126
1,3-Dichlorobenzene	50.0	41.9	83.7 *	0.0239	30	84 - 124
1,4-Dichlorobenzene	50.0	42.6	85.2	0.258	30	84 - 124
1,4-Dioxane	1050	930	88.6	1.71	30	10 - 228
2-Butanone	50.0	48.4	96.9	9.31	30	58 - 147
2-Hexanone	50.0	42.7	85.4	0.493	30	70 - 139
4-Methyl-2-pentanone	50.0	44.9	89.7	4.98	30	72 - 132
Acetone	50.0	40.8	81.5	1.38	30	36 - 155
Acrolein	50.0	72.1	144	32.1 *	30	10 - 238
Acrylonitrile	50.0	53.6	107	6.69	30	66 - 141
Benzene	50.0	48.6	97.2	2.37	30	77 - 127
Bromochloromethane	50.0	50.8	102	3.12	30	74 - 129
Bromodichloromethane	50.0	41.6	83.2	2.73	30	81 - 124
Bromoform	50.0	44.3	88.6	2.40	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50710	Laboratory ID:	BE50710-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	47.1	94.2		7.07	30	32 - 177
Carbon disulfide	50.0	45.2	90.3		6.73	30	10 - 136
Carbon tetrachloride	50.0	45.9	91.7		3.69	30	66 - 143
Chlorobenzene	50.0	43.5	87.0		0.461	30	86 - 120
Chloroethane	50.0	50.1	100		1.21	30	51 - 142
Chloroform	50.0	48.4	96.8		3.11	30	76 - 131
Chloromethane	50.0	41.9	83.8		14.8	30	49 - 132
cis-1,2-Dichloroethylene	50.0	47.4	94.9		1.87	30	74 - 132
cis-1,3-Dichloropropylene	50.0	42.6	85.2		0.896	30	81 - 129
Cyclohexane	50.0	49.4	98.8		9.06	30	70 - 130
Dibromochloromethane	50.0	43.4	86.9		0.809	30	10 - 200
Dibromomethane	50.0	44.0	88.0		1.76	30	83 - 124
Dichlorodifluoromethane	50.0	36.2	72.5		23.3	30	28 - 158
Ethyl Benzene	50.0	42.8	85.6		0.586	30	84 - 125
Hexachlorobutadiene	50.0	35.7	71.3	*	2.41	30	83 - 133
Isopropylbenzene	50.0	40.3	80.7	*	0.00	30	81 - 127
Methyl acetate	50.0	54.9	110		8.00	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	49.2	98.4		5.06	30	74 - 131
Methylcyclohexane	50.0	41.5	83.1		5.80	30	70 - 130
Methylene chloride	50.0	46.8	93.6		2.03	30	57 - 141
n-Butylbenzene	50.0	41.7	83.4		3.05	30	80 - 130
n-Propylbenzene	50.0	41.0	82.1		0.341	30	74 - 136
o-Xylene	50.0	43.7	87.3		0.617	30	83 - 123
p- & m- Xylenes	100	85.5	85.5		0.445	30	82 - 128
p-Isopropyltoluene	50.0	39.4	78.8	*	0.430	30	85 - 125
sec-Butylbenzene	50.0	40.0	80.0	*	0.175	30	83 - 125
Styrene	50.0	43.0	86.1		1.50	30	86 - 126
tert-Butyl alcohol (TBA)	250	258	103		7.84	30	70 - 130
tert-Butylbenzene	50.0	39.3	78.6	*	0.229	30	80 - 127
Tetrachloroethylene	50.0	34.0	68.0	*	1.57	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50710	Laboratory ID:	BE50710-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	42.1	84.2 *	1.75	30	85 - 121
trans-1,2-Dichloroethylene	50.0	47.5	95.0	4.72	30	72 - 132
trans-1,3-Dichloropropylene	50.0	42.6	85.2	1.30	30	78 - 132
Trichloroethylene	50.0	41.3	82.6 *	1.39	30	84 - 123
Trichlorofluoromethane	50.0	46.3	92.5	0.216	30	62 - 140
Vinyl Chloride	50.0	47.6	95.2	4.24	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51092	Laboratory ID:	BE51092-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #		QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.7	107		82 - 126
1,1,1-Trichloroethane	10.0	11.2	112		78 - 136
1,1,2,2-Tetrachloroethane	10.0	10.8	108		76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.2	112		54 - 165
1,1,2-Trichloroethane	10.0	9.96	99.6		82 - 123
1,1-Dichloroethane	10.0	11.4	114		82 - 129
1,1-Dichloroethylene	10.0	12.2	122		68 - 138
1,2,3-Trichlorobenzene	10.0	6.20	62.0	*	76 - 136
1,2,3-Trichloropropane	10.0	10.2	102		77 - 128
1,2,4-Trichlorobenzene	10.0	7.24	72.4	*	76 - 137
1,2,4-Trimethylbenzene	10.0	11.6	116		82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.20	92.0		45 - 147
1,2-Dibromoethane	10.0	9.87	98.7		83 - 124
1,2-Dichlorobenzene	10.0	10.1	101		79 - 123
1,2-Dichloroethane	10.0	10.8	108		73 - 132
1,2-Dichloropropane	10.0	11.0	110		78 - 126
1,3,5-Trimethylbenzene	10.0	14.6	146	*	80 - 131
1,3-Dichlorobenzene	10.0	10.6	106		86 - 122
1,3-Dichloropropane	10.0	10.2	102		81 - 125
1,4-Dichlorobenzene	10.0	10.3	103		85 - 124
1,4-Dioxane	210	0.00	0	*	10 - 349
2-Butanone	10.0	11.0	110		49 - 152
2-Hexanone	10.0	9.27	92.7		51 - 146
4-Methyl-2-pentanone	10.0	10.0	100		57 - 145
Acetone	10.0	8.25	82.5		14 - 150
Acrolein	10.0	9.27	92.7		10 - 153
Acrylonitrile	10.0	11.2	112		51 - 150
Benzene	10.0	11.6	116		85 - 126
Bromochloromethane	10.0	11.3	113		77 - 128
Bromodichloromethane	10.0	10.7	107		79 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51092	Laboratory ID:	BE51092-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	8.08	80.8	78 - 133
Bromomethane	10.0	8.75	87.5	43 - 168
Carbon disulfide	10.0	12.1	121	68 - 146
Carbon tetrachloride	10.0	11.7	117	77 - 141
Chlorobenzene	10.0	10.6	106	88 - 120
Chloroethane	10.0	7.99	79.9	65 - 136
Chloroform	10.0	11.0	110	82 - 128
Chloromethane	10.0	7.42	74.2	43 - 155
cis-1,2-Dichloroethylene	10.0	11.3	113	83 - 129
cis-1,3-Dichloropropylene	10.0	10.2	102	80 - 131
Cyclohexane	10.0	6.10	61.0 *	63 - 149
Dibromochloromethane	10.0	10.1	101	80 - 130
Dibromomethane	10.0	9.75	97.5	72 - 134
Dichlorodifluoromethane	10.0	4.84	48.4	44 - 144
Ethyl Benzene	10.0	11.4	114	80 - 131
Hexachlorobutadiene	10.0	8.18	81.8	67 - 146
Isopropylbenzene	10.0	12.0	120	76 - 140
Methyl acetate	10.0	7.08	70.8	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	9.68	96.8	76 - 135
Methylcyclohexane	10.0	10.8	108	72 - 143
Methylene chloride	10.0	11.2	112	55 - 137
Naphthalene	10.0	6.88	68.8 *	70 - 147
n-Butylbenzene	10.0	11.8	118	79 - 132
n-Propylbenzene	10.0	12.1	121	78 - 133
o-Xylene	10.0	11.2	112	78 - 130
p- & m- Xylenes	20.0	22.8	114	77 - 133
p-Diethylbenzene	10.0	11.9	119	84 - 134
p-Ethyltoluene	10.0	14.6	146 *	88 - 129
p-Isopropyltoluene	10.0	12.3	123	81 - 136
sec-Butylbenzene	10.0	11.7	117	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51092	Laboratory ID:	BE51092-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Styrene	10.0	11.8	118	67 - 132
tert-Butyl alcohol (TBA)	50.0	41.3	82.7	25 - 162
tert-Butylbenzene	10.0	10.4	104	77 - 138
Tetrachloroethylene	10.0	9.79	97.9	82 - 131
Toluene	10.0	10.5	105	80 - 127
trans-1,2-Dichloroethylene	10.0	11.6	116	80 - 132
trans-1,3-Dichloropropylene	10.0	10.2	102	78 - 131
Trichloroethylene	10.0	10.8	108	82 - 128
Trichlorofluoromethane	10.0	8.09	80.9	67 - 139
Vinyl Chloride	10.0	7.20	72.0	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51092	Laboratory ID:	BE51092-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.6	106	1.22	30	82 - 126
1,1,1-Trichloroethane	10.0	10.4	104	7.53	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	11.7	117	8.35	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.5	105	6.92	30	54 - 165
1,1,2-Trichloroethane	10.0	10.7	107	7.26	30	82 - 123
1,1-Dichloroethane	10.0	10.8	108	5.51	30	82 - 129
1,1-Dichloroethylene	10.0	11.4	114	7.12	30	68 - 138
1,2,3-Trichlorobenzene	10.0	8.15	81.5	27.2	30	76 - 136
1,2,3-Trichloropropane	10.0	11.0	110	8.22	30	77 - 128
1,2,4-Trichlorobenzene	10.0	8.34	83.4	14.1	30	76 - 137
1,2,4-Trimethylbenzene	10.0	10.1	101	14.0	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.6	106	13.7	30	45 - 147
1,2-Dibromoethane	10.0	10.8	108	8.91	30	83 - 124
1,2-Dichlorobenzene	10.0	10.0	100	1.09	30	79 - 123
1,2-Dichloroethane	10.0	11.8	118	8.76	30	73 - 132
1,2-Dichloropropane	10.0	10.5	105	4.56	30	78 - 126
1,3,5-Trimethylbenzene	10.0	12.3	123	17.4	30	80 - 131
1,3-Dichlorobenzene	10.0	9.75	97.5	8.17	30	86 - 122
1,3-Dichloropropane	10.0	11.0	110	7.74	30	81 - 125
1,4-Dichlorobenzene	10.0	9.63	96.3	6.92	30	85 - 124
1,4-Dioxane	210	0.00	0 *		30	10 - 349
2-Butanone	10.0	13.6	136	21.5	30	49 - 152
2-Hexanone	10.0	12.0	120	26.1	30	51 - 146
4-Methyl-2-pentanone	10.0	12.7	127	23.6	30	57 - 145
Acetone	10.0	10.4	104	23.1	30	14 - 150
Acrolein	10.0	10.7	107	14.4	30	10 - 153
Acrylonitrile	10.0	13.0	130	15.0	30	51 - 150
Benzene	10.0	11.1	111	4.50	30	85 - 126
Bromochloromethane	10.0	12.0	120	6.09	30	77 - 128
Bromodichloromethane	10.0	10.7	107	0.280	30	79 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51092	Laboratory ID:	BE51092-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	10.0	9.26	92.6		13.6	30	78 - 133
Bromomethane	10.0	7.55	75.5		14.7	30	43 - 168
Carbon disulfide	10.0	11.1	111		8.96	30	68 - 146
Carbon tetrachloride	10.0	10.9	109		6.55	30	77 - 141
Chlorobenzene	10.0	10.1	101		5.13	30	88 - 120
Chloroethane	10.0	7.10	71.0		11.8	30	65 - 136
Chloroform	10.0	10.8	108		2.30	30	82 - 128
Chloromethane	10.0	6.35	63.5		15.5	30	43 - 155
cis-1,2-Dichloroethylene	10.0	10.9	109		3.41	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.3	103		1.17	30	80 - 131
Cyclohexane	10.0	5.78	57.8	*	5.39	30	63 - 149
Dibromochloromethane	10.0	10.9	109		7.81	30	80 - 130
Dibromomethane	10.0	10.4	104		6.55	30	72 - 134
Dichlorodifluoromethane	10.0	4.41	44.1		9.30	30	44 - 144
Ethyl Benzene	10.0	10.4	104		9.55	30	80 - 131
Hexachlorobutadiene	10.0	8.08	80.8		1.23	30	67 - 146
Isopropylbenzene	10.0	9.96	99.6		18.3	30	76 - 140
Methyl acetate	10.0	8.41	84.1		17.2	30	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	11.6	116		18.4	30	76 - 135
Methylcyclohexane	10.0	9.69	96.9		10.4	30	72 - 143
Methylene chloride	10.0	11.4	114		1.33	30	55 - 137
Naphthalene	10.0	8.93	89.3		25.9	30	70 - 147
n-Butylbenzene	10.0	10.2	102		14.6	30	79 - 132
n-Propylbenzene	10.0	10.2	102		17.0	30	78 - 133
o-Xylene	10.0	10.5	105		7.09	30	78 - 130
p- & m- Xylenes	20.0	20.8	104		9.55	30	77 - 133
p-Diethylbenzene	10.0	10.3	103		14.7	30	84 - 134
p-Ethyltoluene	10.0	12.3	123		17.4	30	88 - 129
p-Isopropyltoluene	10.0	10.4	104		16.5	30	81 - 136
sec-Butylbenzene	10.0	10.0	100		15.8	30	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51092	Laboratory ID:	BE51092-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Styrene	10.0	11.5	115	2.49	30	67 - 132
tert-Butyl alcohol (TBA)	50.0	59.9	120	36.7 *	30	25 - 162
tert-Butylbenzene	10.0	8.82	88.2	16.7	30	77 - 138
Tetrachloroethylene	10.0	8.73	87.3	11.4	30	82 - 131
Toluene	10.0	9.58	95.8	9.07	30	80 - 127
trans-1,2-Dichloroethylene	10.0	10.9	109	6.65	30	80 - 132
trans-1,3-Dichloropropylene	10.0	11.0	110	6.79	30	78 - 131
Trichloroethylene	10.0	9.64	96.4	11.2	30	82 - 128
Trichlorofluoromethane	10.0	7.30	73.0	10.3	30	67 - 139
Vinyl Chloride	10.0	6.38	63.8	12.1	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0212
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50434-BLK1	File ID:	V31904879.D
Prepared:	05/08/25 08:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/08/25 18:10	Instrument:	VOA No. 3		
Batch:	BE50434	Sequence:	S5E0846	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0050	U
71-55-6	1,1,1-Trichloroethane	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U
75-35-4	1,1-Dichloroethylene	0.0050	U
87-61-6	1,2,3-Trichlorobenzene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U
120-82-1	1,2,4-Trichlorobenzene	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0050	U
96-12-8	1,2-Dibromo-3-chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.0050	U
107-06-2	1,2-Dichloroethane	0.0050	U
78-87-5	1,2-Dichloropropane	0.0050	U
108-67-8	1,3,5-Trimethylbenzene	0.0050	U
541-73-1	1,3-Dichlorobenzene	0.0050	U
106-46-7	1,4-Dichlorobenzene	0.0050	U
123-91-1	1,4-Dioxane	0.10	U
78-93-3	2-Butanone	0.0050	U
591-78-6	2-Hexanone	0.0050	U
108-10-1	4-Methyl-2-pentanone	0.0050	U
67-64-1	Acetone	0.010	U
107-02-8	Acrolein	0.010	U
107-13-1	Acrylonitrile	0.0050	U
71-43-2	Benzene	0.0050	U
74-97-5	Bromochloromethane	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U
75-25-2	Bromoform	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0212
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50434-BLK1	File ID:	V31904879.D
Prepared:	05/08/25 08:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/08/25 18:10	Instrument:	VOA No. 3		
Batch:	BE50434	Sequence:	S5E0846	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
74-83-9	Bromomethane	0.0050	U
75-15-0	Carbon disulfide	0.0050	U
56-23-5	Carbon tetrachloride	0.0050	U
108-90-7	Chlorobenzene	0.0050	U
75-00-3	Chloroethane	0.0050	U
67-66-3	Chloroform	0.0050	U
74-87-3	Chloromethane	0.0050	U
156-59-2	cis-1,2-Dichloroethylene	0.0050	U
10061-01-5	cis-1,3-Dichloropropylene	0.0050	U
110-82-7	Cyclohexane	0.0050	U
124-48-1	Dibromochloromethane	0.0050	U
74-95-3	Dibromomethane	0.0050	U
75-71-8	Dichlorodifluoromethane	0.0050	U
100-41-4	Ethyl Benzene	0.0050	U
87-68-3	Hexachlorobutadiene	0.0050	U
98-82-8	Isopropylbenzene	0.0050	U
79-20-9	Methyl acetate	0.0050	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.0050	U
108-87-2	Methylcyclohexane	0.0050	U
75-09-2	Methylene chloride	0.011	
104-51-8	n-Butylbenzene	0.0050	U
103-65-1	n-Propylbenzene	0.0050	U
95-47-6	o-Xylene	0.0050	U
179601-23-1	p- & m- Xylenes	0.010	U
99-87-6	p-Isopropyltoluene	0.0050	U
135-98-8	sec-Butylbenzene	0.0050	U
100-42-5	Styrene	0.0050	U
75-65-0	tert-Butyl alcohol (TBA)	0.0050	U
98-06-6	tert-Butylbenzene	0.0050	U
127-18-4	Tetrachloroethylene	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0212
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50434-BLK1	File ID:	V31904879.D
Prepared:	05/08/25 08:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/08/25 18:10	Instrument:	VOA No. 3		
Batch:	BE50434	Sequence:	S5E0846	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
108-88-3	Toluene	0.0050	U
156-60-5	trans-1,2-Dichloroethylene	0.0050	U
10061-02-6	trans-1,3-Dichloropropylene	0.0050	U
79-01-6	Trichloroethylene	0.0050	U
75-69-4	Trichlorofluoromethane	0.0050	U
75-01-4	Vinyl Chloride	0.0050	U
1330-20-7	Xylenes, Total	0.015	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.5	101	77 - 125	
SURR: p-Bromofluorobenzene	50.0	57.2	114	76 - 130	
SURR: Toluene-d8	50.0	54.7	109	85 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	218591	12.177	291602	12.177	
ISTD: Chlorobenzene-d5	583645	9.18	659479	9.18	
ISTD: Fluorobenzene	180022	6.132	179494	6.132	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0212
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Water	Laboratory ID:	BE51092-BLK1	File ID:	QV935671.D
Prepared:	05/13/25 10:04	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	05/13/25 18:47	Instrument:	QVOA9		
Batch:	BE51092	Sequence:	S5E1507	Calibration:	SE50005

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
142-28-9	1,3-Dichloropropane	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0212
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Water	Laboratory ID:	BE51092-BLK1	File ID:	QV935671.D
Prepared:	05/13/25 10:04	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	05/13/25 18:47	Instrument:	QVOA9		
Batch:	BE51092	Sequence:	S5E1507	Calibration:	SE50005

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	0.500	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.810	
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
91-20-3	Naphthalene	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
105-05-5	p-Diethylbenzene	0.500	U
622-96-8	p-Ethyltoluene	0.500	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0212
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Water	Laboratory ID:	BE51092-BLK1	File ID:	QV935671.D
Prepared:	05/13/25 10:04	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	05/13/25 18:47	Instrument:	QVOA9		
Batch:	BE51092	Sequence:	S5E1507	Calibration:	SE50005

CAS NO.	COMPOUND	CONC. (ug/L)	Q
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
SURR: p-Bromofluorobenzene	10.0	10.6	106	79 - 122	
SURR: Toluene-d8	10.0	9.67	96.7	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	261101	11.981	314691	11.981	
ISTD: Chlorobenzene-d5	1203950	8.994	1286711	8.994	
ISTD: Fluorobenzene	1573513	5.943	1665909	5.943	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E0920
Instrument: VOA#11
Calibration: SD50043

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5E0920-CCV1)			Lab File ID: V11C026347.D			Analyzed: 05/09/25 08:42			
ISTD: Fluorobenzene	28513	6.367				50 - 200		+/-0.17	
ISTD: Chlorobenzene-d5	148592	9.437				50 - 200		+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	71312	12.446				50 - 200		+/-0.17	
LCS (BE50710-BS1)			Lab File ID: V11C026349.D			Analyzed: 05/09/25 09:34			
ISTD: Fluorobenzene	31401	6.366	28513	6.367	110	50 - 200	-0.0010	+/-0.17	
ISTD: Chlorobenzene-d5	163238	9.435	148592	9.437	110	50 - 200	-0.0020	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	75602	12.444	71312	12.446	106	50 - 200	-0.0020	+/-0.17	
LCS Dup (BE50710-BSD1)			Lab File ID: V11C026350.D			Analyzed: 05/09/25 10:00			
ISTD: Fluorobenzene	31808	6.367	28513	6.367	112	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	167032	9.435	148592	9.437	112	50 - 200	-0.0020	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	77293	12.444	71312	12.446	108	50 - 200	-0.0020	+/-0.17	
Blank (BE50710-BLK1)			Lab File ID: V11C026351.D			Analyzed: 05/09/25 10:26			
ISTD: Fluorobenzene	29054	6.368	28513	6.367	102	50 - 200	0.0010	+/-0.17	
ISTD: Chlorobenzene-d5	151054	9.435	148592	9.437	102	50 - 200	-0.0020	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	63163	12.444	71312	12.446	89	50 - 200	-0.0020	+/-0.17	
25SB-6 (11.5-13.5) (25E0212-12)			Lab File ID: V11C026362.D			Analyzed: 05/09/25 15:17			
ISTD: Fluorobenzene	17835	6.367	28513	6.367	63	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	94062	9.436	148592	9.437	63	50 - 200	-0.0010	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	40649	12.444	71312	12.446	57	50 - 200	-0.0020	+/-0.17	
25SB-5 (0-2) (25E0212-15)			Lab File ID: V11C026363.D			Analyzed: 05/09/25 15:43			
ISTD: Fluorobenzene	10431	6.365	28513	6.367	37	50 - 200	-0.0020	+/-0.17	*
ISTD: Chlorobenzene-d5	55930	9.435	148592	9.437	38	50 - 200	-0.0020	+/-0.17	*
ISTD: 1,2-Dichlorobenzene-d4	23508	12.444	71312	12.446	33	50 - 200	-0.0020	+/-0.17	*
25SB-5 (3-5) (25E0212-16)			Lab File ID: V11C026364.D			Analyzed: 05/09/25 16:10			
ISTD: Fluorobenzene	26974	6.367	28513	6.367	95	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	140768	9.435	148592	9.437	95	50 - 200	-0.0020	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	61034	12.444	71312	12.446	86	50 - 200	-0.0020	+/-0.17	
25SB-5 (11-13) (25E0212-17)			Lab File ID: V11C026365.D			Analyzed: 05/09/25 16:36			
ISTD: Fluorobenzene	6458	6.365	28513	6.367	23	50 - 200	-0.0020	+/-0.17	*
ISTD: Chlorobenzene-d5	35151	9.435	148592	9.437	24	50 - 200	-0.0020	+/-0.17	*
ISTD: 1,2-Dichlorobenzene-d4	15125	12.444	71312	12.446	21	50 - 200	-0.0020	+/-0.17	*
25SB-DUP-2 (11-13) (25E0212-18)			Lab File ID: V11C026366.D			Analyzed: 05/09/25 17:02			
ISTD: Fluorobenzene	26747	6.367	28513	6.367	94	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	141309	9.435	148592	9.437	95	50 - 200	-0.0020	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	60651	12.444	71312	12.446	85	50 - 200	-0.0020	+/-0.17	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50043
Instrument: VOA#11
Calibration Date: 04/25/25 00:41

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.3226624	9.318514	9.546428	8.192818E-03			20	
1,1,1-Trichloroethane	2.466579	7.279327	5.745571	0.0110487			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5889146	4.484541	10.86814	1.875076E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.319684	6.850127	3.480429	3.383465E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.231507	4.568814	8.414571	6.499316E-03			SPCC (0.1)	
1,1-Dichloroethane	2.2707	6.083204	4.704714	1.997322E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.869408	6.208012	3.501429	0.0455728			SPCC (0.1)	
1,1-Dichloropropylene	1.994389	7.372179	5.899714	9.119778E-03			20	
1,2,3-Trichlorobenzene	0.7108054	4.543853	14.87614	1.655482E-02			20	
1,2,3-Trichloropropane	0.2005289	6.220581	10.92357	4.234847E-03			20	
1,2,3-Trimethylbenzene	2.42661	4.011925	12.06143	1.662675E-02			20	
1,2,4,5-Tetramethylbenzene	2.344116	8.111338	13.25414	1.889635E-02			20	
1,2,4-Trichlorobenzene	0.7671872	4.965907	14.30143	5.910811E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.61945	5.697676	11.57257	1.761053E-02			20	
1,2-Dibromo-3-chloropropane	9.225911E-02	30.82251	13.367	1.745301E-02		0.9978765	SPCC (0.05)	
1,2-Dibromoethane	0.2376623	5.574079	8.971714	1.621897E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.312788	2.682431	12.46529	1.988626E-02			SPCC (0.4)	
1,2-Dichloroethane	1.631592	4.22885	6.136857	1.948847E-03			SPCC (0.1)	
1,2-Dichloropropane	0.2608485	4.814221	6.953	1.979384E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.708475	3.431919	11.14257	8.989811E-03			20	
1,3-Dichlorobenzene	1.497395	4.592298	11.93243	2.065667E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3889117	3.212058	8.589143	2.026668E-02			20	
1,4-Dichlorobenzene	1.423919	2.570539	12.03214	9.709702E-03			SPCC (0.5)	
1,4-Dioxane	2.164195E-03	19.04339	7.081333	4.379057E-02		0.996531	0.99	
2,2-Dichloropropane	2.32908	8.235637	5.257714	1.687487E-02			20	
2-Butanone	0.1471925	19.58102	5.266667	0.0213465		0.9966915	SPCC (0.1)	
2-Chloroethylvinyl ether	0.1154082	8.782487	7.482	1.534796E-02			20	
2-Chlorotoluene	2.613549	3.724121	11.08343	1.395213E-02			20	
2-Hexanone	0.1353283	13.5314	8.623286	1.545799E-02			SPCC (0.1)	
2-Nitropropane	5.097552E-02	37.23049	7.446286	2.471843E-02		0.998572	0.99	
4-Chlorotoluene	2.196169	3.436078	11.20229	1.832431E-03			20	
4-Methyl-2-pentanone	0.1816824	9.591479	7.773429	6.648162E-03			SPCC (0.1)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0212

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SD50043 Instrument: VOA#11

Calibration Date: 04/25/25 00:41

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.3511221	12.25778	3.567429	3.296953E-02			SPCC (0.1)	
Acrolein	0.1237098	17.72369	3.409667	2.879717E-02		0.9981744	0.99	
Acrylonitrile	0.3018801	15.55976	4.269143	3.165602E-02		0.998079	0.99	
Allyl chloride	1.554615	7.320463	3.880857	2.543035E-02			20	
Benzene	5.530195	5.26613	6.108	2.439213E-02			SPCC (0.5)	
Bromobenzene	1.434517	3.516862	10.898	2.138046E-02			20	
Bromochloromethane	0.857169	5.140801	5.512286	1.463261E-02			20	
Bromodichloromethane	0.3922648	6.352025	7.227714	2.053629E-02			SPCC (0.2)	
Bromoform	0.1612179	13.69023	10.38386	9.361095E-03			SPCC (0.1)	
Bromomethane	1.384031	9.750788	2.536143	9.186629E-02			SPCC (0.1)	
Carbon disulfide	3.835367	6.202751	3.749714	2.964815E-02			SPCC (0.1)	
Carbon tetrachloride	2.34821	9.200147	5.904857	1.792812E-02			SPCC (0.1)	
Chlorobenzene	0.8974656	3.247723	9.465857	3.497221E-03			SPCC (0.5)	
Chloroethane	0.9993638	6.231884	2.653571	6.356278E-02			SPCC (0.1)	
Chloroform	2.452548	4.224211	5.576572	1.048121E-02			SPCC (0.2)	
Chloromethane	0.9315962	5.418306	2.008	9.467544E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	2.054139	5.645883	5.27	1.252884E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.4558985	7.02137	7.655714	9.506181E-03			SPCC (0.2)	
cis-decahydronaphthalene							20	
Cyclohexane	1.998024	10.29879	5.787857	2.263318E-02			SPCC (0.1)	
Dibromochloromethane	0.2890988	7.981039	8.842	7.187688E-03			SPCC (0.1)	
Dibromomethane	0.1631434	6.873047	7.090143	1.415939E-02			20	
Dichlorodifluoromethane	0.6971849	6.335654	1.793571	0.1197913			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.589213	39.80888	4.713286	2.087178E-02		0.9624591	0.99	*
Ethanol	6.798765E-03	33.88331	3.180571	0.1986806		0.9975392	0.99	
Ethyl Benzene	1.578042	6.048981	9.549571	1.042131E-02			SPCC (0.1)	
Ethyl Ether	0.6348739	2.031032	3.2434	5.780255E-02			20	
Ethyl Methacrylate	0.2984771	8.628608	8.246143	1.165391E-02			20	
Ethyl tert-butyl ether (ETBE)	3.065737	5.676191	5.065333	1.974116E-02			20	
Hexachlorobutadiene	0.4805847	7.350196	14.46357	4.331388E-03			20	
Hexachloroethane	0.5615249	8.862381	12.74229	1.375818E-02			20	
Iodomethane	1.382059	28.2686	3.683286	3.979133E-02		0.9997278	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0212

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SD50043 Instrument: VOA#11

Calibration Date: 04/25/25 00:41

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	3.490899	4.556905	10.499	1.807459E-02			SPCC (0.1)	
Limonene	0.7047893	13.04766	11.8596	1.465588E-02			20	
Methyl acetate	0.7224936	14.7876	3.895286	5.962773E-02			SPCC (0.1)	
Methyl Methacrylate	0.1547264	9.615777	7.010286	1.458472E-02			20	
Methyl tert-butyl ether (MTBE)	3.167855	6.6323	4.256714	0.0345402			SPCC (0.1)	
Methylcyclohexane	0.5921026	8.595372	6.892429	1.558552E-02			SPCC (0.1)	
Methylene chloride	1.45895	13.20522	4.020571	2.395605E-02			SPCC (0.1)	
Naphthalene	1.843549	6.553304	14.59357	5.864849E-03			20	
n-butyl acetate	3.606803E-02	10.41941	8.72725	0.0191599			20	
n-Butylbenzene	3.349821	4.802958	12.38014	1.209697E-02			20	
n-Decane	1.032142	5.987584	11.088	1.469625E-02			20	
n-Hexane	1.811288	6.223244	4.511	1.903798E-02			20	
Nitrobenzene	2.848371E-02	37.94058	13.6096	1.697686E-02			20	*
n-Nonane	0.4262031	9.021973	9.6242	6.500866E-03			20	
n-octane	0.3461824	7.611139	8.0244	1.864398E-02			20	
n-Propylbenzene	3.975323	4.014509	10.95471	1.510944E-02			20	
n-undecane	0.815589	6.159636	12.4322	5.036925E-03			20	
o-Xylene	1.166146	5.848437	10.11129	9.019651E-03			SPCC (0.3)	
p- & m- Xylenes	1.21939	5.673574	9.670429	1.499926E-02			SPCC (0.1)	
p-Diethylbenzene	1.636445	7.086948	12.359	9.660365E-03			20	
p-Ethyltoluene	3.219495	5.846961	11.07643	1.363388E-02			20	
p-Isopropyltoluene	3.313682	6.365178	11.91514	1.079122E-02			20	
sec-Butylbenzene	3.74823	4.652967	11.76	1.607482E-02			20	
Styrene	0.9414802	8.900486	10.12929	4.300886E-03			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.373346	1.378805	6.063714	1.730137E-02			20	
SURR: p-Bromofluorobenzene	1.006494	4.06824	10.70486	8.398246E-03			20	
SURR: Toluene-d8	1.305143	0.8049751	7.915429	1.192812E-02			20	
tert-Amyl alcohol (TAA)	8.489005E-02	12.87222	6.074	1.455379E-02			20	
tert-Amyl methyl ether (TAME)	3.154936	7.180681	6.164333	4.555726E-03			20	
tert-Butyl alcohol (TBA)	8.316315E-02	9.082733	4.120143	1.923447E-02			20	
tert-Butylbenzene	2.588598	5.235336	11.51429	1.035772E-02			20	
Tetrachloroethylene	0.4466681	7.986975	8.553143	7.71383E-03			SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50043
Instrument: VOA#11
Calibration Date: 04/25/25 00:41

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.112125	22.42962	5.545	1.526915E-02		0.9976152	0.99	
Toluene	1.439662	4.294817	7.984286	3.515841E-03			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.800077	5.131852	4.282286	2.226506E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.4076538	7.587813	8.213143	0.0230558			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.7900355	5.406137	10.91857	6.476524E-03			20	
trans-decahydronaphthalene							20	
Trichloroethylene	0.3458948	5.58031	6.724286	1.928017E-02			SPCC (0.2)	
Trichlorofluoromethane	3.116094	5.286566	2.930286	7.111747E-02			SPCC (0.1)	
Vinyl acetate	3.040818	6.155598	4.718857	1.843219E-02			20	
Vinyl Chloride	1.312077	4.899656	2.142429	7.658438E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50005
Instrument: QVOA9
Calibration Date: 05/05/25 19:38

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.201591	7.770978	9.113	1.004369E-02			20	
1,1,1-Trichloroethane	0.2726656	5.293717	5.335143	7.181798E-03			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.38353	5.620703	10.40057	9.33026E-03			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.1758374	4.965696	3.169429	0.045707			SPCC (0.1)	
1,1,2-Trichloroethane	0.118043	4.627565	7.967143	9.70329E-03			SPCC (0.1)	
1,1-Dichloroethane	0.281138	2.885317	4.307	1.985735E-02			SPCC (0.2)	
1,1-Dichloroethylene	0.2006172	4.67243	3.150857	4.772411E-02			SPCC (0.1)	
1,1-Dichloropropylene	0.2253507	3.912755	5.486714	7.581831E-03			20	
1,2,3-Trichlorobenzene	0.3204009	9.53973	14.393	1.969937E-02			20	
1,2,3-Trichloropropane	0.1271674	2.998747	10.46414	1.350474E-02			20	
1,2,3-Trimethylbenzene	4.263007	7.425968	11.63171	1.913792E-02			20	
1,2,4,5-Tetramethylbenzene	2.557416	10.32661	12.853	7.225707E-03			20	
1,2,4-Trichlorobenzene	0.4920398	9.991066	13.84229	8.583096E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	3.755549	3.817374	11.16843	2.026356E-03			20	
1,2-Dibromo-3-chloropropane	5.185736E-02	12.07437	12.879	1.759819E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1005892	7.918008	8.498286	0.0201374			SPCC (0.1)	
1,2-Dichlorobenzene	1.42959	3.101581	12.00457	3.925163E-03			SPCC (0.4)	
1,2-Dichloroethane	0.1219907	2.383368	5.694286	2.747672E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2011258	1.850055	6.527	2.232923E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	4.050032	4.791243	10.68257	4.810992E-03			20	
1,3-Dichlorobenzene	1.861821	2.436596	11.49	9.791477E-03			SPCC (0.6)	
1,3-Dichloropropane	0.1990487	3.162326	8.137	1.120433E-02			20	
1,4-Dichlorobenzene	1.768536	2.715509	11.604	1.082434E-02			SPCC (0.5)	
1,4-Dioxane							20	
2,2-Dichloropropane	0.2396799	5.922535	4.856	1.832801E-02			20	
2-Butanone	1.315142E-02	8.357481	4.814571	6.624905E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	1.727824E-03	54.64869	7.039286	2.810584E-02			20	*
2-Chlorotoluene	1.174	3.805805	10.64871	9.750269E-03			20	
2-Hexanone	2.594569E-02	12.81632	8.178714	1.931902E-02			SPCC (0.1)	
4-Chlorotoluene	1.144334	3.45175	10.781	0.0185515			20	
4-Methyl-2-pentanone	3.988739E-02	15.58393	7.332857	2.182381E-02			SPCC (0.1)	
Acetone	0.0148985	31.46764	3.165	5.150916E-02		0.9983449	SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50005
Instrument: QVOA9
Calibration Date: 05/05/25 19:38

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acrolein	5.567854E-03	8.331808	3.025429	8.967447E-02			20	
Acrylonitrile	1.238428E-02	9.377599	3.817571	3.963754E-02			20	
Allyl chloride	0.1607862	4.953852	3.502	7.083298E-03			20	
Benzene	0.7131856	3.525751	5.667	1.066104E-02			SPCC (0.5)	
Bromobenzene	1.474907	3.332231	10.43443	1.704015E-02			20	
Bromochloromethane	7.130628E-02	4.762292	5.062857	3.198868E-02			20	
Bromodichloromethane	0.2300191	11.94954	6.779572	0.0150407			SPCC (0.2)	
Bromoform	5.000508E-02	24.38868	9.894143	1.515469E-02		0.999298	SPCC (0.1)	
Bromomethane	5.104234E-02	31.9254	2.249	7.910097E-02		0.9989672	SPCC (0.1)	
Carbon disulfide	0.3687983	2.72412	3.38	2.129429E-02			SPCC (0.1)	
Carbon tetrachloride	0.2370248	7.057614	5.496286	3.381881E-02			SPCC (0.1)	
Chlorobenzene	0.6879178	3.199835	9.025143	1.074837E-02			SPCC (0.5)	
Chlorodifluoromethane (Freon 22)							20	
Chloroethane	8.007131E-02	6.373109	2.363	2.218745E-02			SPCC (0.1)	
Chloroform	0.2946003	3.01396	5.157571	1.743765E-02			SPCC (0.2)	
Chloromethane	9.172879E-02	3.851044	1.792571	6.475771E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	0.2288359	3.171387	4.845714	3.218592E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.2744965	13.52563	7.207428	1.337913E-02			SPCC (0.2)	
cis-decahydronaphthalene							20	
Cyclohexane	0.5640902	5.439584	5.434	1.235411E-02			SPCC (0.1)	
Dibromochloromethane	0.1266619	19.37686	8.371571	8.304582E-03			SPCC (0.1)	
Dibromomethane	7.696482E-02	4.826599	6.614	1.778551E-02			20	
Dichlorodifluoromethane	0.1445148	9.204134	1.604	8.570163E-03			SPCC (0.1)	
Diisopropyl ether (DIPE)	0.32679	4.6589	4.353429	2.428206E-02			20	
Ethanol	8.000234E-04	2.703022	2.915857	5.002072E-02			20	
Ethyl Benzene	1.837273	6.070901	9.266143	2.365153E-02			SPCC (0.1)	
Ethyl Ether							20	
Ethyl Methacrylate	0.1111002	17.16394	7.822571	1.849084E-02			20	
Ethyl tert-butyl ether (ETBE)	0.2977981	7.198766	4.696857	3.755998E-02			20	
Hexachlorobutadiene	0.2022027	8.047216	14.02357	1.073442E-02			20	
Hexachloroethane	0.5320815	15.23097	12.33557	1.658438E-02			20	
Iodomethane	0.113234	37.177	3.290714	3.591225E-02		0.9983533	0.99	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50005
Instrument: QVOA9
Calibration Date: 05/05/25 19:38

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	5.084377	4.67752	10.08486	1.711388E-02			SPCC (0.1)	
Limonene							20	
Methyl acetate	3.747937E-02	2.936997	3.483571	6.208807E-02			SPCC (0.1)	
Methyl Methacrylate	2.517445E-02	15.19099	6.57	1.575019E-02			20	
Methyl tert-butyl ether (MTBE)	0.2373003	5.373412	3.899143	5.795623E-02			SPCC (0.1)	
Methylcyclohexane	0.4907376	3.623001	6.547	1.350263E-02			SPCC (0.1)	
Methylene chloride	0.1314	4.297928	3.621857	3.535074E-02			SPCC (0.1)	
Naphthalene	0.8052536	12.89573	14.132	9.500738E-03			20	
n-butyl acetate							20	
n-Butylbenzene	3.677275	3.900095	11.99	2.350338E-02			20	
n-Decane							20	
n-Hexane							20	
Nitrobenzene	0.1889554	6.090694	12.85214	0.0123769			20	
n-Nonane							20	
n-octane							20	
n-Propylbenzene	5.597052	4.868002	10.54643	0.0192882			20	
n-undecane							20	
o-Xylene	0.9034278	4.88112	9.683	1.283233E-02			SPCC (0.3)	
p- & m- Xylenes	0.9186363	6.07091	9.266143	2.365153E-02			SPCC (0.1)	
p-Diethylbenzene	2.020765	7.243946	11.961	2.001695E-02			20	
p-Ethyltoluene	4.050032	4.791243	10.68257	4.810992E-03			20	
p-Isopropyltoluene	4.024686	5.303193	11.52843	2.018214E-02			20	
sec-Butylbenzene	4.757777	4.221918	11.35529	1.305812E-02			20	
Styrene	0.6107431	9.846223	9.698285	1.441768E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	0.1251855	1.150826	5.62	1.280689E-02			20	
SURR: p-Bromofluorobenzene	1.626125	1.634596	10.27543	6.575641E-03			20	
SURR: Toluene-d8	1.374702	0.9452271	7.488571	6.980302E-03			20	
tert-Amyl alcohol (TAA)	1.697752E-03	16.54615	5.649857	5.111452E-02			20	
tert-Amyl methyl ether (TAME)	0.2568347	9.414175	5.792428	3.861738E-03			20	
tert-Butyl alcohol (TBA)	2.932622E-03	16.68953	3.718571	0.1659102			20	
tert-Butylbenzene	3.912407	3.411032	11.10229	2.212865E-02			20	
Tetrachloroethylene	0.3161655	2.628288	8.105428	1.287086E-02			SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50005
Instrument: QVOA9
Calibration Date: 05/05/25 19:38

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	8.501422E-03	5.674278	5.101714	7.432034E-02			20	
Toluene	1.159886	9.004431	7.558429	1.310074E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	0.2039742	3.626892	3.903	4.515456E-03			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.1842564	17.48063	7.768	2.632762E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	4.438484E-02	44.30523	10.441	1.495305E-02		0.9991222	0.99	
trans-decahydronaphthalene							20	
Trichloroethylene	0.2616287	2.579212	6.297857	1.354166E-02			SPCC (0.2)	
Trichlorofluoromethane	0.2191213	8.354995	2.633857	5.231399E-02			SPCC (0.1)	
Vinyl acetate	7.632092E-02	9.6079	4.299286	3.849735E-02			20	
Vinyl Chloride	0.1357382	7.788739	1.905714	6.655164E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2152805	23.53426	9.293428	2.166128E-02		0.9992838	0.99	
1,1,1-Trichloroethane	1.148025	10.18036	5.516167	4.955129E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5049268	8.776378	10.617	2.440592E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.204106	14.0246	3.296	9.225994E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1797938	6.164384	8.172714	2.966677E-02			SPCC (0.1)	
1,1-Dichloroethane	1.674656	7.980267	4.493286	3.560229E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.568151	7.933548	3.315428	5.513168E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.346188	14.75364	5.669286	1.168399E-02			20	
1,2,3-Trichlorobenzene	0.4345849	28.19924	14.6	0.0202292		0.9999597	0.99	
1,2,3-Trichloropropane	0.1333695	10.4536	10.669	2.492312E-02			20	
1,2,3-Trimethylbenzene	1.98604	15.3771	11.79914	1.536822E-02		0.9996954	0.99	
1,2,4,5-Tetramethylbenzene	1.689902	31.90639	12.98943	9.827251E-03		0.9998888	0.99	
1,2,4-Trichlorobenzene	0.4821056	36.12883	14.029	1.097435E-02		0.9999425	SPCC (0.2)	
1,2,4-Trimethylbenzene	2.127011	19.97827	11.314	1.591285E-02		0.9992412	0.99	
1,2-Dibromo-3-chloropropane	6.074129E-02	19.36275	13.10057	3.532306E-02		0.9997099	SPCC (0.05)	
1,2-Dibromoethane	0.1566649	11.28042	8.719286	2.594811E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.021587	9.411168	12.19686	2.811354E-02			SPCC (0.4)	
1,2-Dichloroethane	0.9588114	2.535974	5.907	3.022801E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2480015	4.419208	6.716429	2.702294E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.163343	13.68821	10.88657	1.828378E-02			20	
1,3-Dichlorobenzene	1.188635	17.13588	11.66743	1.174525E-02		0.9984721	SPCC (0.6)	
1,3-Dichloropropane	0.3173446	6.526003	8.343143	3.198223E-02			20	
1,4-Dichlorobenzene	1.053534	17.80918	11.768	1.997912E-02		0.9998754	SPCC (0.5)	
1,4-Dioxane	1.484578E-03	27.42674	6.846143	3.754513E-02		0.999718	0.99	
2,2-Dichloropropane	1.188475	22.71865	5.036429	3.398576E-02		0.9999651	0.99	
2-Butanone	8.469989E-02	28.70439	5.055	3.560174E-02		0.9998339	SPCC (0.1)	
2-Chloroethylvinyl ether	6.178585E-02	16.69237	7.247714	3.119138E-02		0.9999127	0.99	
2-Chlorotoluene	2.270612	10.40802	10.82343	1.294704E-02			20	
2-Hexanone	8.264891E-02	22.22132	8.387143	2.710616E-02		0.999821	SPCC (0.1)	
2-Nitropropane	2.929392E-02	24.01759	7.21	4.199584E-02		0.9998541	0.99	
4-Chlorotoluene	1.834339	8.984864	10.94186	1.480685E-02			20	
4-Methyl-2-pentanone	0.1141953	22.37749	7.541	2.529449E-02		0.9996875	SPCC (0.1)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.2317549	13.90344	3.386286	7.160947E-02			SPCC (0.1)	
Acrolein	0.1346983	6.719795	3.232286	0.0720173			20	
Acrylonitrile	0.2287738	10.1466	4.072571	0.0776474			20	
Allyl chloride	1.187369	12.0705	3.686429	9.249116E-03			20	
Benzene	4.101272	9.330942	5.875429	1.798749E-02			SPCC (0.5)	
Bromobenzene	0.9579632	8.895121	10.62486	2.041472E-02			20	
Bromochloromethane	0.6291648	2.88067	5.290143	3.214336E-02			20	
Bromodichloromethane	0.2752001	11.01803	6.991429	2.035524E-02			SPCC (0.2)	
Bromoform	7.550714E-02	27.76927	10.126	2.292785E-02		0.9996292	SPCC (0.1)	
Bromomethane	0.9319408	13.81485	2.384	0.1125705			SPCC (0.1)	
Carbon disulfide	3.249382	7.965981	3.554143	3.848769E-02			SPCC (0.1)	
Carbon tetrachloride	1.071329	23.14336	5.672857	2.939861E-02		0.9999659	SPCC (0.1)	
Chlorobenzene	0.7020082	9.942478	9.211143	1.197346E-02			SPCC (0.5)	
Chloroethane	0.8219206	9.869331	2.5	6.176324E-02			SPCC (0.1)	
Chloroform	1.504637	7.191094	5.355429	2.320304E-02			SPCC (0.2)	
Chloromethane	1.12893	6.297399	1.892571	6.211819E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.415098	11.13807	5.052429	0.0523336			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3473293	20.47961	7.415857	0.0125713		0.9998636	SPCC (0.2)	
cis-decahydronaphthalene	0.3904576	17.48407	12.7698	2.437058E-02			20	
Cyclohexane	1.614443	17.46152	5.557714	0.0440853		0.9997852	SPCC (0.1)	
Dibromochloromethane	0.160162	19.09661	8.593429	1.818693E-02		0.9998569	SPCC (0.1)	
Dibromomethane	0.1221349	7.064565	6.85	1.846922E-02			20	
Dichlorodifluoromethane	0.7537147	3.215865	1.682857	8.828588E-02			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.14316	13.70883	4.5075	3.156282E-02			20	
Ethanol	5.97553E-03	4.833001	3.011167	6.484142E-02			20	
Ethyl Benzene	1.269525	16.47638	9.298143	2.098651E-02		0.9997338	SPCC (0.1)	
Ethyl Ether	0.6907483	5.03263	3.0702	2.709435E-02			20	
Ethyl Methacrylate	0.2179799	25.59831	8.010286	2.791806E-02		0.9995473	0.99	
Ethyl tert-butyl ether (ETBE)	1.752369	20.71583	4.853167	3.924696E-02		0.9995143	0.99	
Hexachlorobutadiene	0.2947372	28.06457	14.18914	2.213529E-02		0.9998905	0.99	
Hexachloroethane	0.3870946	24.08237	12.47157	1.285549E-02		0.999664	0.99	
Iodomethane	0.8076757	24.7202	3.488571	4.954129E-02		0.9991614	0.99	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	2.467639	23.05527	10.24386	0.020598		0.9997847	SPCC (0.1)	
Limonene	0.5454457	22.00639	11.6	1.919746E-02	0.99712		0.99	
Methyl acetate	0.3786168	7.803655	3.7044	6.118531E-02			SPCC (0.1)	
Methyl Methacrylate	0.1108728	20.28413	6.780429	1.840642E-02		0.9998226	0.99	
Methyl tert-butyl ether (MTBE)	1.652811	21.30583	4.059857	3.345353E-02		0.9997438	SPCC (0.1)	
Methylcyclohexane	0.4998991	20.92013	6.650571	2.699197E-02		0.9998903	SPCC (0.1)	
Methylene chloride	1.145734	13.16311	3.822429	0.0466847			SPCC (0.1)	
Naphthalene	1.01996	33.96707	14.32	0.0236625		0.9997671	0.99	
n-butyl acetate	8.316515E-02	25.47255	8.49	1.697155E-02	0.99726		0.99	
n-Butylbenzene	3.008152	10.98297	12.12471	2.166234E-02			20	
n-Decane	1.1283	3.603148	10.836	2.110303E-02			20	
n-Hexane	1.357208	10.17282	4.3012	3.652193E-02			20	
Nitrobenzene	1.566084E-02	33.03505	13.342	9.144699E-03		0.9999037	0.99	
n-Nonane	0.4169293	9.238274	9.3766	2.213854E-02			20	
n-octane	0.2872014	8.108407	7.7828	2.716484E-02			20	
n-Propylbenzene	3.282471	12.494	10.69843	1.596521E-02			20	
n-undecane	1.041801	13.94241	12.1764	1.020477E-02			20	
o-Xylene	0.8980704	24.10605	9.857	2.553265E-02		0.9997169	SPCC (0.3)	
p- & m- Xylenes	1.001163	10.66304	9.417571	2.652885E-02			SPCC (0.1)	
p-Diethylbenzene	1.36418	25.95655	12.09486	1.451068E-02		0.9999808	0.99	
p-Ethyltoluene	2.624067	17.63629	10.82214	1.776569E-02		0.9995799	0.99	
p-Isopropyltoluene	2.545543	19.1297	11.65686	6.746805E-03		0.9994185	0.99	
sec-Butylbenzene	2.829732	18.71045	11.50043	1.019667E-02		0.9998234	0.99	
Styrene	0.7291689	25.63337	9.875429	2.950136E-02		0.9996248	SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.095279	0.5000652	5.836	2.407198E-02			20	
SURR: p-Bromofluorobenzene	1.048003	6.154725	10.44757	1.705966E-02			20	
SURR: Toluene-d8	1.461961	2.571923	7.670286	2.665847E-02			20	
tert-Amyl alcohol (TAA)	3.396096E-02	32.79675	5.8655	0.0313023		0.9994983	0.99	
tert-Amyl methyl ether (TAME)	1.678164	21.53541	5.9395	1.098205E-02		0.9995597	0.99	
tert-Butyl alcohol (TBA)	3.043614E-02	19.9886	3.94	8.875457E-02		0.9996065	0.99	
tert-Butylbenzene	1.731803	25.18325	11.25514	5.466366E-03		0.9997294	0.99	
Tetrachloroethylene	0.2712653	22.49908	8.301428	9.475652E-03		0.999945	SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.1337406	19.75142	5.331	7.931604E-02		0.9999046	0.99	
Toluene	1.187486	9.539273	7.738143	0.0229169			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.339901	8.345819	4.078	4.506116E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2879705	19.27122	7.972143	2.447255E-02		0.9997084	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5442103	12.54113	10.66857	1.994402E-02			20	
trans-decahydronaphthalene	0.3904576	17.48407	12.7698	2.437058E-02			20	
Trichloroethylene	0.2563991	15.28645	6.487143	2.005009E-02		0.9999599	SPCC (0.2)	
Trichlorofluoromethane	1.829268	6.767099	2.769	6.231771E-02			SPCC (0.1)	
Vinyl acetate	2.037477	10.35259	4.514143	1.618564E-02			20	
Vinyl Chloride	1.356017	8.177435	2.015	0.01356			SPCC (0.1)	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31904876.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E0846	Injection Date:	05/08/25
Lab Sample ID:	S5E0846-CCV1	Injection Time:	16:51

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	50.0	44.4	0.2152805	0.197794		-11.3	20
1,1,1-Trichloroethane	A	50.0	52.0	1.148025	1.19443	0.1	4.0	20
1,1,2,2-Tetrachloroethane	A	50.0	45.7	0.5049268	0.4613206	0.3	-8.6	20
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	46.1	1.204106	1.126723	0.1	-6.4	20
1,1,2-Trichloroethane	A	50.0	47.4	0.1797938	0.1705301	0.1	-5.2	20
1,1-Dichloroethane	A	50.0	47.9	1.674656	1.603753	0.2	-4.2	20
1,1-Dichloroethylene	A	50.0	44.6	1.568151	1.39832	0.1	-10.8	20
1,2,3-Trichlorobenzene	A	50.0	53.5	0.4345849	0.4122983		7.0	20
1,2,3-Trichloropropane	A	50.0	46.0	0.1333695	0.1228387		-7.9	20
1,2,4-Trichlorobenzene	A	50.0	54.2	0.4821056	0.4423495	0.2	8.3	20
1,2,4-Trimethylbenzene	A	50.0	43.9	2.127011	1.915175		-12.3	20
1,2-Dibromo-3-chloropropane	A	50.0	47.7	6.074129E-02	6.057572E-02	0.05	-4.5	20
1,2-Dibromoethane	A	50.0	50.5	0.1566649	0.1582173	0.1	1.0	20
1,2-Dichlorobenzene	A	50.0	45.0	1.021587	0.9187557	0.4	-10.1	20
1,2-Dichloroethane	A	50.0	48.4	0.9588114	0.9290283	0.1	-3.1	20
1,2-Dichloropropane	A	50.0	48.1	0.2480015	0.238417	0.1	-3.9	20
1,3,5-Trimethylbenzene	A	50.0	45.1	2.163343	1.950223		-9.9	20
1,3-Dichlorobenzene	A	50.0	41.9	1.188635	1.019365	0.6	-16.2	20
1,4-Dichlorobenzene	A	50.0	48.3	1.053534	0.930412	0.5	-3.3	20
1,4-Dioxane	A	1000	959	1.484578E-03	1.522111E-03		-4.1	20
2-Butanone	A	50.0	55.5	8.469989E-02	9.787514E-02	0.1	11.1	20
2-Hexanone	A	50.0	52.3	8.264891E-02	9.733138E-02	0.1	4.6	20
4-Methyl-2-pentanone	A	50.0	48.3	0.1141953	0.1259707	0.1	-3.5	20
Acetone	A	50.0	55.7	0.2317549	0.2583429	0.1	11.5	20
Acrolein	A	50.0	44.2	0.1346983	0.1189845		-11.7	20
Acrylonitrile	A	50.0	47.1	0.2287738	0.2156952		-5.7	20
Benzene	A	50.0	46.2	4.101272	3.790923	0.5	-7.6	20
Bromochloromethane	A	50.0	47.7	0.6291648	0.6003042		-4.6	20
Bromodichloromethane	A	50.0	48.8	0.2752001	0.2686136	0.2	-2.4	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31904876.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E0846	Injection Date:	05/08/25
Lab Sample ID:	S5E0846-CCV1	Injection Time:	16:51

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	47.2	7.550714E-02	7.668781E-02	0.1	-5.6	20	
Bromomethane	A	50.0	32.9	0.9319408	0.6130121	0.1	-34.2	20	*
Carbon disulfide	A	50.0	43.1	3.249382	2.802188	0.1	-13.8	20	
Carbon tetrachloride	A	50.0	50.8	1.071329	0.9843783	0.1	1.6	20	
Chlorobenzene	A	50.0	45.2	0.7020082	0.6339095	0.5	-9.7	20	
Chloroethane	A	50.0	39.2	0.8219206	0.634829	0.1	-22.8	20	*
Chloroform	A	50.0	47.9	1.504637	1.442221	0.2	-4.1	20	
Chloromethane	A	50.0	40.3	1.12893	0.9106043	0.1	-19.3	20	
cis-1,2-Dichloroethylene	A	50.0	48.7	1.415098	1.377244	0.1	-2.7	20	
cis-1,3-Dichloropropylene	A	50.0	48.4	0.3473293	0.3619554	0.2	-3.3	20	
Cyclohexane	A	50.0	46.6	1.614443	1.493989	0.1	-6.8	20	
Dibromochloromethane	A	50.0	47.7	0.160162	0.1592515	0.1	-4.6	20	
Dibromomethane	A	50.0	47.4	0.1221349	0.1157368		-5.2	20	
Dichlorodifluoromethane	A	50.0	40.7	0.7537147	0.6140484	0.1	-18.5	20	
Ethyl Benzene	A	50.0	44.6	1.269525	1.186456	0.1	-10.8	20	
Hexachlorobutadiene	A	50.0	54.8	0.2947372	0.258575		9.7	20	
Isopropylbenzene	A	50.0	46.9	2.467639	2.380399	0.1	-6.2	20	
Methyl acetate	A	50.0	46.5	0.3786168	0.3575496	0.1	-5.6	20	
Methyl tert-butyl ether (MTBE)	A	50.0	52.6	1.652811	1.88808	0.1	5.3	20	
Methylcyclohexane	A	50.0	49.6	0.4998991	0.4817348	0.1	-0.7	20	
Methylene chloride	A	50.0	54.7	1.145734	1.253786	0.1	9.4	20	
n-Butylbenzene	A	50.0	43.1	3.008152	2.593892		-13.8	20	
n-Propylbenzene	A	50.0	45.1	3.282471	2.960467		-9.8	20	
o-Xylene	A	50.0	45.5	0.8980704	0.8787876	0.3	-9.0	20	
p- & m- Xylenes	A	100	92.5	1.001163	0.9259529	0.1	-7.5	20	
p-Isopropyltoluene	A	50.0	43.1	2.545543	2.250448		-13.8	20	
sec-Butylbenzene	A	50.0	46.2	2.829732	2.617242		-7.5	20	
Styrene	A	50.0	44.7	0.7291689	0.6966378	0.3	-10.7	20	
tert-Butyl alcohol (TBA)	A	300	270	3.043614E-02	0.03755		-10.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31904876.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E0846	Injection Date:	05/08/25
Lab Sample ID:	S5E0846-CCV1	Injection Time:	16:51

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	50.0	46.9	1.731803	1.640781		-6.1	20
Tetrachloroethylene	A	50.0	50.3	0.2712653	0.2608847	0.2	0.5	20
Toluene	A	50.0	46.1	1.187486	1.093903	0.4	-7.9	20
trans-1,2-Dichloroethylene	A	50.0	47.0	1.339901	1.259067	0.1	-6.0	20
trans-1,3-Dichloropropylene	A	50.0	47.8	0.2879705	0.2998185	0.1	-4.4	20
Trichloroethylene	A	50.0	51.0	0.2563991	0.2443444	0.2	2.0	20
Trichlorofluoromethane	A	50.0	41.2	1.829268	1.509048	0.1	-17.5	20
Vinyl Chloride	A	50.0	39.4	1.356017	1.068281	0.1	-21.2	20 *

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31904901.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E0918	Injection Date:	05/09/25
Lab Sample ID:	S5E0918-CCV1	Injection Time:	07:28

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	50.0	47.3	0.2152805	0.2114734		-5.4	20
1,1,1-Trichloroethane	A	50.0	51.7	1.148025	1.187273	0.1	3.4	20
1,1,2,2-Tetrachloroethane	A	50.0	45.7	0.5049268	0.4618639	0.3	-8.5	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	53.6	1.204106	1.308294	0.1	8.7	20
1,1,2-Trichloroethane	A	50.0	49.4	0.1797938	0.1777355	0.1	-1.1	20
1,1-Dichloroethane	A	50.0	48.7	1.674656	1.632168	0.2	-2.5	20
1,1-Dichloroethylene	A	50.0	50.4	1.568151	1.58106	0.1	0.8	20
1,2,3-Trichlorobenzene	A	50.0	59.3	0.4345849	0.4623491		18.6	20
1,2,3-Trichloropropane	A	50.0	46.0	0.1333695	0.1228206		-7.9	20
1,2,4-Trichlorobenzene	A	50.0	61.6	0.4821056	0.5145342	0.2	23.3	20 *
1,2,4-Trimethylbenzene	A	50.0	48.1	2.127011	2.105876		-3.8	20
1,2-Dibromo-3-chloropropane	A	50.0	45.3	6.074129E-02	5.733663E-02	0.05	-9.5	20
1,2-Dibromoethane	A	50.0	50.3	0.1566649	0.1576792	0.1	0.6	20
1,2-Dichlorobenzene	A	50.0	49.3	1.021587	1.007212	0.4	-1.4	20
1,2-Dichloroethane	A	50.0	49.2	0.9588114	0.9429027	0.1	-1.7	20
1,2-Dichloropropane	A	50.0	49.6	0.2480015	0.2458898	0.1	-0.9	20
1,3,5-Trimethylbenzene	A	50.0	48.3	2.163343	2.089796		-3.4	20
1,3-Dichlorobenzene	A	50.0	47.7	1.188635	1.164888	0.6	-4.7	20
1,4-Dichlorobenzene	A	50.0	53.7	1.053534	1.041427	0.5	7.4	20
1,4-Dioxane	A	1000	904	1.484578E-03	1.431151E-03		-9.6	20
2-Butanone	A	50.0	56.6	8.469989E-02	0.099966	0.1 *	13.3	20
2-Hexanone	A	50.0	54.2	8.264891E-02	0.1009409	0.1	8.4	20
4-Methyl-2-pentanone	A	50.0	43.9	0.1141953	0.1144659	0.1	-12.2	20
Acetone	A	50.0	60.5	0.2317549	0.2805953	0.1	21.1	20 *
Acrolein	A	50.0	50.3	0.1346983	0.1354153		0.5	20
Acrylonitrile	A	50.0	50.4	0.2287738	0.23056		0.8	20
Benzene	A	50.0	49.3	4.101272	4.043601	0.5	-1.4	20
Bromochloromethane	A	50.0	51.2	0.6291648	0.6437109		2.3	20
Bromodichloromethane	A	50.0	50.0	0.2752001	0.2749493	0.2	-0.09	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31904901.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E0918	Injection Date:	05/09/25
Lab Sample ID:	S5E0918-CCV1	Injection Time:	07:28

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	48.0	7.550714E-02	7.805672E-02	0.1	-4.0	20	
Bromomethane	A	50.0	44.5	0.9319408	0.829458	0.1	-11.0	20	
Carbon disulfide	A	50.0	45.6	3.249382	2.961604	0.1	-8.9	20	
Carbon tetrachloride	A	50.0	53.0	1.071329	1.029826	0.1	5.9	20	
Chlorobenzene	A	50.0	50.1	0.7020082	0.7036801	0.5	0.2	20	
Chloroethane	A	50.0	47.0	0.8219206	0.7605733	0.1	-7.5	20	
Chloroform	A	50.0	49.7	1.504637	1.496656	0.2	-0.5	20	
Chloromethane	A	50.0	43.1	1.12893	0.9736789	0.1	-13.8	20	
cis-1,2-Dichloroethylene	A	50.0	49.5	1.415098	1.401425	0.1	-1.0	20	
cis-1,3-Dichloropropylene	A	50.0	47.1	0.3473293	0.3521212	0.2	-5.9	20	
Cyclohexane	A	50.0	51.5	1.614443	1.656876	0.1	3.0	20	
Dibromochloromethane	A	50.0	49.5	0.160162	0.165399	0.1	-1.0	20	
Dibromomethane	A	50.0	49.6	0.1221349	0.121066		-0.9	20	
Dichlorodifluoromethane	A	50.0	38.7	0.7537147	0.5839371	0.1	-22.5	20	*
Ethyl Benzene	A	50.0	48.9	1.269525	1.302529	0.1	-2.3	20	
Hexachlorobutadiene	A	50.0	62.4	0.2947372	0.3008873		24.9	20	*
Isopropylbenzene	A	50.0	48.1	2.467639	2.443013	0.1	-3.8	20	
Methyl acetate	A	50.0	45.7	0.3786168	0.3518078	0.1	-7.1	20	
Methyl tert-butyl ether (MTBE)	A	50.0	41.8	1.652811	1.489751	0.1	-16.5	20	
Methylcyclohexane	A	50.0	51.6	0.4998991	0.5014733	0.1	3.1	20	
Methylene chloride	A	50.0	47.2	1.145734	1.081727	0.1	-5.6	20	
n-Butylbenzene	A	50.0	51.6	3.008152	3.107581		3.3	20	
n-Propylbenzene	A	50.0	49.6	3.282471	3.253744		-0.9	20	
o-Xylene	A	50.0	48.6	0.8980704	0.9406995	0.3	-2.8	20	
p- & m- Xylenes	A	100	104	1.001163	1.03758	0.1	3.6	20	
p-Isopropyltoluene	A	50.0	48.6	2.545543	2.547444		-2.9	20	
sec-Butylbenzene	A	50.0	49.8	2.829732	2.828165		-0.4	20	
Styrene	A	50.0	49.4	0.7291689	0.7731653	0.3	-1.2	20	
tert-Butyl alcohol (TBA)	A	300	180	3.043614E-02	2.457592E-02		-39.8	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31904901.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E0918	Injection Date:	05/09/25
Lab Sample ID:	S5E0918-CCV1	Injection Time:	07:28

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	50.0	48.7	1.731803	1.706625		-2.6	20
Tetrachloroethylene	A	50.0	49.5	0.2712653	0.2566747	0.2	-1.0	20
Toluene	A	50.0	50.2	1.187486	1.191702	0.4	0.4	20
trans-1,2-Dichloroethylene	A	50.0	49.5	1.339901	1.326786	0.1	-1.0	20
trans-1,3-Dichloropropylene	A	50.0	46.5	0.2879705	0.2915348	0.1	-7.0	20
Trichloroethylene	A	50.0	50.7	0.2563991	0.2426989	0.2	1.3	20
Trichlorofluoromethane	A	50.0	48.2	1.829268	1.761567	0.1	-3.7	20
Vinyl Chloride	A	50.0	45.9	1.356017	1.244074	0.1	-8.3	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA#11	Calibration:	SD50043
Lab File ID:	V11C026347.D	Calibration Date:	04/25/25 00:41
Sequence:	S5E0920	Injection Date:	05/09/25
Lab Sample ID:	S5E0920-CCV1	Injection Time:	08:42

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	47.8	0.3226624	0.3085698		-4.4	20	
1,1,1-Trichloroethane	A	50.0	51.7	2.466579	2.5501	0.1	3.4	20	
1,1,2,2-Tetrachloroethane	A	50.0	48.1	0.5889146	0.5662722	0.3	-3.8	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	51.5	1.319684	1.359099	0.1	3.0	20	
1,1,2-Trichloroethane	A	50.0	49.5	0.231507	0.2291442	0.1	-1.0	20	
1,1-Dichloroethane	A	50.0	51.9	2.2707	2.35689	0.2	3.8	20	
1,1-Dichloroethylene	A	50.0	50.4	1.869408	1.884263	0.1	0.8	20	
1,2,3-Trichlorobenzene	A	50.0	46.5	0.7108054	0.6616698		-6.9	20	
1,2,3-Trichloropropane	A	50.0	47.4	0.2005289	0.1901503		-5.2	20	
1,2,4-Trichlorobenzene	A	50.0	47.5	0.7671872	0.7292181	0.2	-4.9	20	
1,2,4-Trimethylbenzene	A	50.0	46.8	2.61945	2.450696		-6.4	20	
1,2-Dibromo-3-chloropropane	A	50.0	46.4	9.225911E-02	9.472459E-02	0.05	-7.1	20	
1,2-Dibromoethane	A	50.0	49.2	0.2376623	0.2338349	0.1	-1.6	20	
1,2-Dichlorobenzene	A	50.0	46.6	1.312788	1.223497	0.4	-6.8	20	
1,2-Dichloroethane	A	50.0	55.1	1.631592	1.79939	0.1	10.3	20	
1,2-Dichloropropane	A	50.0	47.8	0.2608485	0.2493809	0.1	-4.4	20	
1,3,5-Trimethylbenzene	A	50.0	45.4	2.708475	2.456795		-9.3	20	
1,3-Dichlorobenzene	A	50.0	46.4	1.497395	1.389696	0.6	-7.2	20	
1,4-Dichlorobenzene	A	50.0	47.0	1.423919	1.33697	0.5	-6.1	20	
1,4-Dioxane	A	1000	894	2.164195E-03	1.933819E-03		-10.6	20	
2-Butanone	A	50.0	62.8	0.1471925	0.1843019	0.1	25.6	20	*
2-Hexanone	A	50.0	55.2	0.1353283	0.1494764	0.1	10.5	20	
4-Methyl-2-pentanone	A	50.0	48.9	0.1816824	0.1777014	0.1	-2.2	20	
Acetone	A	50.0	70.8	0.3511221	0.4970364	0.1	41.6	20	*
Acrolein	A	50.0	53.8	0.1237098	0.1327114		7.5	20	
Acrylonitrile	A	50.0	55.1	0.3018801	0.3283415		10.2	20	
Benzene	A	50.0	52.5	5.530195	5.803213	0.5	4.9	20	
Bromochloromethane	A	50.0	55.1	0.857169	0.9449374		10.2	20	
Bromodichloromethane	A	50.0	49.4	0.3922648	0.3879146	0.2	-1.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA#11	Calibration:	SD50043
Lab File ID:	V11C026347.D	Calibration Date:	04/25/25 00:41
Sequence:	S5E0920	Injection Date:	05/09/25
Lab Sample ID:	S5E0920-CCV1	Injection Time:	08:42

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	49.2	0.1612179	0.1587501	0.1	-1.5	20	
Bromomethane	A	50.0	53.4	1.384031	1.479641	0.1	6.9	20	
Carbon disulfide	A	50.0	52.1	3.835367	3.998176	0.1	4.2	20	
Carbon tetrachloride	A	50.0	49.4	2.34821	2.320696	0.1	-1.2	20	
Chlorobenzene	A	50.0	47.8	0.8974656	0.8581889	0.5	-4.4	20	
Chloroethane	A	50.0	55.2	0.9993638	1.103988	0.1	10.5	20	
Chloroform	A	50.0	53.2	2.452548	2.611265	0.2	6.5	20	
Chloromethane	A	50.0	59.1	0.9315962	1.101953	0.1	18.3	20	
cis-1,2-Dichloroethylene	A	50.0	52.6	2.054139	2.159331	0.1	5.1	20	
cis-1,3-Dichloropropylene	A	50.0	48.8	0.4558985	0.4446673	0.2	-2.5	20	
Cyclohexane	A	50.0	53.3	1.998024	2.128187	0.1	6.5	20	
Dibromochloromethane	A	50.0	49.3	0.2890988	0.2850625	0.1	-1.4	20	
Dibromomethane	A	50.0	49.6	0.1631434	0.1619737		-0.7	20	
Dichlorodifluoromethane	A	50.0	66.3	0.6971849	0.9249465	0.1	32.7	20	*
Ethyl Benzene	A	50.0	47.7	1.578042	1.506225	0.1	-4.6	20	
Hexachlorobutadiene	A	50.0	42.3	0.4805847	0.4067057		-15.4	20	
Isopropylbenzene	A	50.0	44.3	3.490899	3.092229	0.1	-11.4	20	
Methyl acetate	A	50.0	39.7	0.7224936	0.5741592	0.1	-20.5	20	*
Methyl tert-butyl ether (MTBE)	A	50.0	53.2	3.167855	3.368464	0.1	6.3	20	
Methylcyclohexane	A	50.0	45.3	0.5921026	0.5361796	0.1	-9.4	20	
Methylene chloride	A	50.0	52.4	1.45895	1.528285	0.1	4.8	20	
n-Butylbenzene	A	50.0	47.8	3.349821	3.202448		-4.4	20	
n-Propylbenzene	A	50.0	45.9	3.975323	3.64724		-8.3	20	
o-Xylene	A	50.0	49.2	1.166146	1.148225	0.3	-1.5	20	
p- & m- Xylenes	A	100	96.8	1.21939	1.180077	0.1	-3.2	20	
p-Isopropyltoluene	A	50.0	45.0	3.313682	2.985514		-9.9	20	
sec-Butylbenzene	A	50.0	45.1	3.74823	3.383484		-9.7	20	
Styrene	A	50.0	50.2	0.9414802	0.9448961	0.3	0.4	20	
tert-Butyl alcohol (TBA)	A	300	250	8.316315E-02	0.0842715		1.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA#11	Calibration:	SD50043
Lab File ID:	V11C026347.D	Calibration Date:	04/25/25 00:41
Sequence:	S5E0920	Injection Date:	05/09/25
Lab Sample ID:	S5E0920-CCV1	Injection Time:	08:42

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	50.0	44.2	2.588598	2.291143		-11.5	20
Tetrachloroethylene	A	50.0	40.9	0.4466681	0.3650129	0.2	-18.3	20
Toluene	A	50.0	46.1	1.439662	1.326444	0.4	-7.9	20
trans-1,2-Dichloroethylene	A	50.0	51.3	1.800077	1.847824	0.1	2.7	20
trans-1,3-Dichloropropylene	A	50.0	50.3	0.4076538	0.4098269	0.1	0.5	20
Trichloroethylene	A	50.0	44.7	0.3458948	0.3095052	0.2	-10.5	20
Trichlorofluoromethane	A	50.0	51.8	3.116094	3.22488	0.1	3.5	20
Vinyl Chloride	A	50.0	57.5	1.312077	1.509557	0.1	15.1	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	QVOA9	Calibration:	SE50005
Lab File ID:	QV935667.D	Calibration Date:	05/05/25 19:38
Sequence:	S5E1507	Injection Date:	05/13/25
Lab Sample ID:	S5E1507-CCV1	Injection Time:	16:39

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	10.1	0.201591	0.2029236		0.7	20	
1,1,1-Trichloroethane	A	10.0	10.0	0.2726656	0.2732316	0.1	0.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.7	0.38353	0.4113686	0.3	7.3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.33	0.1758374	0.1639759	0.1	-6.7	20	
1,1,2-Trichloroethane	A	10.0	10.4	0.118043	0.1221183	0.1	3.5	20	
1,1-Dichloroethane	A	10.0	10.4	0.281138	0.2929476	0.2	4.2	20	
1,1-Dichloroethylene	A	10.0	10.1	0.2006172	0.2030225	0.1	1.2	20	
1,2,3-Trichlorobenzene	A	10.0	7.44	0.3204009	0.2383926		-25.6	20	*
1,2,3-Trichloropropane	A	10.0	10.2	0.1271674	0.1298417		2.1	20	
1,2,4-Trichlorobenzene	A	10.0	7.71	0.4920398	0.3794039	0.2	-22.9	20	*
1,2,4-Trimethylbenzene	A	10.0	9.60	3.755549	3.603773		-4.0	20	
1,2-Dibromo-3-chloropropane	A	10.0	10.1	5.185736E-02	0.0525309	0.05	1.3	20	
1,2-Dibromoethane	A	10.0	10.4	0.1005892	0.1046086	0.1	4.0	20	
1,2-Dichlorobenzene	A	10.0	9.48	1.42959	1.355307	0.4	-5.2	20	
1,2-Dichloroethane	A	10.0	11.1	0.1219907	0.1348993	0.1	10.6	20	
1,2-Dichloropropane	A	10.0	9.93	0.2011258	0.1997986	0.1	-0.7	20	
1,3,5-Trimethylbenzene	A	10.0	9.32	4.050032	3.77613		-6.8	20	
1,3-Dichlorobenzene	A	10.0	9.28	1.861821	1.727831	0.6	-7.2	20	
1,3-Dichloropropane	A	10.0	10.4	0.1990487	0.2071864		4.1	20	
1,4-Dichlorobenzene	A	10.0	9.31	1.768536	1.647203	0.5	-6.9	20	
1,4-Dioxane	A	200	0.00					20	
2-Butanone	A	10.0	12.6	1.315142E-02	1.657053E-02	0.1	26.0	20	*
2-Hexanone	A	10.0	11.4	2.594569E-02	2.955209E-02	0.1	13.9	20	
4-Methyl-2-pentanone	A	10.0	11.9	3.988739E-02	4.746365E-02	0.1	19.0	20	
Acetone	A	10.0	9.16	0.0148985	1.129834E-02	0.1	-8.4	20	
Acrolein	A	10.0	9.32	5.567854E-03	5.187558E-03		-6.8	20	
Acrylonitrile	A	10.0	12.2	1.238428E-02	1.513588E-02		22.2	20	*
Benzene	A	10.0	10.3	0.7131856	0.7356254	0.5	3.1	20	
Bromochloromethane	A	10.0	11.5	7.130628E-02	0.081828		14.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	QVOA9	Calibration:	SE50005
Lab File ID:	QV935667.D	Calibration Date:	05/05/25 19:38
Sequence:	S5E1507	Injection Date:	05/13/25
Lab Sample ID:	S5E1507-CCV1	Injection Time:	16:39

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromodichloromethane	A	10.0	9.96	0.2300191	0.2291346	0.2	-0.4	20	
Bromoform	A	10.0	8.61	5.000508E-02	4.868615E-02	0.1	-13.9	20	
Bromomethane	A	10.0	10.6	5.104234E-02	5.758658E-02	0.1	6.1	20	
Carbon disulfide	A	10.0	9.70	0.3687983	0.3575832	0.1	-3.0	20	
Carbon tetrachloride	A	10.0	10.1	0.2370248	0.2403853	0.1	1.4	20	
Chlorobenzene	A	10.0	9.52	0.6879178	0.6550593	0.5	-4.8	20	
Chloroethane	A	10.0	10.4	8.007131E-02	8.318281E-02	0.1	3.9	20	
Chloroform	A	10.0	10.2	0.2946003	0.2995056	0.2	1.7	20	
Chloromethane	A	10.0	9.51	9.172879E-02	8.722145E-02	0.1	-4.9	20	
cis-1,2-Dichloroethylene	A	10.0	10.4	0.2288359	0.2385701	0.1	4.3	20	
cis-1,3-Dichloropropylene	A	10.0	10.1	0.2744965	0.2770964	0.2	0.9	20	
Cyclohexane	A	10.0	10.3	0.5640902	0.582446	0.1	3.3	20	
Dibromochloromethane	A	10.0	10.1	0.1266619	0.1276588	0.1	0.8	20	
Dibromomethane	A	10.0	10.2	7.696482E-02	7.846673E-02		2.0	20	
Dichlorodifluoromethane	A	10.0	7.19	0.1445148	0.103927	0.1	-28.1	20	*
Ethyl Benzene	A	10.0	9.93	1.837273	1.825164	0.1	-0.7	20	
Hexachlorobutadiene	A	10.0	7.41	0.2022027	0.1498772		-25.9	20	*
Isopropylbenzene	A	10.0	9.26	5.084377	4.705927	0.1	-7.4	20	
Methyl acetate	A	10.0	12.0	3.747937E-02	4.515853E-02	0.1	20.5	20	*
Methyl tert-butyl ether (MTBE)	A	10.0	11.4	0.2373003	0.2710706	0.1	14.2	20	
Methylcyclohexane	A	10.0	9.02	0.4907376	0.4425547	0.1	-9.8	20	
Methylene chloride	A	10.0	10.8	0.1314	0.1422064	0.1	8.2	20	
Naphthalene	A	10.0	8.30	0.8052536	0.6685034		-17.0	20	
n-Butylbenzene	A	10.0	9.44	3.677275	3.470052		-5.6	20	
n-Propylbenzene	A	10.0	9.52	5.597052	5.330578		-4.8	20	
o-Xylene	A	10.0	10.0	0.9034278	0.9044572	0.3	0.1	20	
p- & m- Xylenes	A	20.0	19.9	0.9186363	0.9125822	0.1	-0.7	20	
p-Diethylbenzene	A	10.0	9.39	2.020765	1.897973		-6.1	20	
p-Ethyltoluene	A	10.0	9.32	4.050032	3.77613		-6.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	QVOA9	Calibration:	SE50005
Lab File ID:	QV935667.D	Calibration Date:	05/05/25 19:38
Sequence:	S5E1507	Injection Date:	05/13/25
Lab Sample ID:	S5E1507-CCV1	Injection Time:	16:39

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
p-Isopropyltoluene	A	10.0	9.38	4.024686	3.776308		-6.2	20	
sec-Butylbenzene	A	10.0	9.35	4.757777	4.446428		-6.5	20	
Styrene	A	10.0	10.4	0.6107431	0.6341012	0.3	3.8	20	
tert-Butyl alcohol (TBA)	A	10.0	13.3	2.932622E-03	3.897572E-03		32.9	20	*
tert-Butylbenzene	A	10.0	9.30	3.912407	3.639948		-7.0	20	
Tetrachloroethylene	A	10.0	8.53	0.3161655	0.2697529	0.2	-14.7	20	
Toluene	A	10.0	9.07	1.159886	1.052086	0.4	-9.3	20	
trans-1,2-Dichloroethylene	A	10.0	10.2	0.2039742	0.2084466	0.1	2.2	20	
trans-1,3-Dichloropropylene	A	10.0	10.4	0.1842564	0.1925506	0.1	4.5	20	
Trichloroethylene	A	10.0	9.09	0.2616287	0.2377814	0.2	-9.1	20	
Trichlorofluoromethane	A	10.0	10.6	0.2191213	0.2333699	0.1	6.5	20	
Vinyl Chloride	A	10.0	9.93	0.1357382	0.1348165	0.1	-0.7	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles Data
for York Analytical Laboratories, Inc., SDG: 25E0212

15 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 5, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRF for hexachlorobenzene was below the method minimum, but not below 0.010 for BNA#6 on 04-04-25. The average RRF for hexachlorobenzene was below the method minimum, but not below 0.010 for BNA#10 on 04-23-25. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRF for target compounds were above the allowable minimum (0.010), as required.

The %RSDs for 1,2,4,5-tetrachlorobenzene, acetophenone, atrazine, benzaldehyde, and caprolactam were above the allowable maximum (30%) forBNA#6 on 04-04-25. The %RSDs for 4-nitrophenol and benzoic acid were above the allowable maximum (30%) for BNA#10 on 04-23-25. The %RSD for benzidine was above the allowable maximum (30%) for MSBNA9 on 04-30-25. The %RSDs for 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol were above the allowable maximum (30%) for BNA #4 on 05-06-25. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 05-13-25 (SV66843.D). The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 05-13-25 (SV66856.D). The RRFs for benzo(a)pyrene and hexachlorobenzene were below the method minimums, but not below 0.010 on 05-13-25 (SV1006508.D). The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 05-14-25 (SV4421568.D). The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 05-15-25 (SV4421588.D). The %Ds for 8 compounds (highlighted yellow on attached FORM VII)

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

were above the method maximum on 05-13-25 (SV66843.D). The %Ds for 10 compounds (highlighted yellow on attached FORM VII) were above the method maximum on 05-13-25 (SV66856.D). The %Ds for 11 compounds (marked with a red X on attached FORMVII) were above the method maximum on 05-13-25 (SV1006508.D). The %Ds for 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol were above the method maximum on 05-13-25 (E900326974.D). The %Ds for 10 compounds (marked with a red X on attached FORMVII) were above the method maximum on 05-14-25 (SV4421568.D). The %Ds for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocyclopentadiene were above the method maximum on 05-15-25 (SV4421588.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 8 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 05-13-25 (SV66843.D). The %Ds for 10 compounds (highlighted yellow on attached FORM VII) and benzoic acid were above the allowable maximum (20%) on 05-13-25 (SV66856.D). The %Ds for 14 compounds (highlighted yellow on attached FORMVII) were above the allowable maximum (20%) on 05-13-25 (SV1006508.D). The %Ds for 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol were above the allowable maximum (20%) on 05-13-25 (E900326974.D). The %Ds for 14 compounds (highlighted yellow on attached FORMVII) were above the allowable maximum (20%) on 05-14-25 (SV4421568.D). The %Ds for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, benzidine, benzoic acid, and hexachlorocyclopentadiene were above the allowable maximum (20%) on 05-15-25 (SV4421588.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and field blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: One of three base/neutral and 1 of 3 acid extractable surrogate recoveries for samples 25SB-9 (0-2), 25SB-9 (2-4), and 25SB-5 (0-2) were below control limits, but not below 10%. No action is taken on one surrogate recovery per fraction outside control limits, provided no recovery is less than 10%.

Two of three base/neutral surrogate recoveries for sample FB-2 were below control limits, but not below 10%. Positive results for base/neutral compounds should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in sample FB-2.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 percent recoveries for 2,4-dintrophenol were below QC limits and below 10% for soil MS/MSD sample 25SB-6 (3-5). The "not detected" result for 2,4-dinitrophenol should be considered rejected, unusable (R) in sample 25SB-6 (3-5).

Laboratory Control Sample: The percent recovery (%R) for carbazole was below QC limits, but not below 30% for aqueous sample BE50791-BS1. The positive results for carbazole should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

The %Rs for 4-nitrophenol and pyridine were below QC limits and below 30% for aqueous sample BE50791-BS1. The positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

The %R for 3,3-dichlorobenzidine was above QC limits for soil sample BE51156-BS1. The positive results for 3,3-dichlorobenzidine should be considered estimated, biased high (J+) in associated soil samples.

The %Rs for 3-&4-methylphenols, benzyl alcohol, and phenol were below QC limits, but not below 10% for soil sample BE50875-BS1. The positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

The %R for benzoic acid was below QC limits and below 10% for soil sample BE50875-BS1. The %R for 2,4-dinitrophenol was below QC limits and below 10% for soil sample BE50935-BS1. The positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated soil samples.

Field Duplicates: The analyses of soil field duplicate pair 25SB-12 (11-13)/25-SB-DUP-2 (11-13) reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compound and surrogate results were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0212

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1430 Instrument: BNA #10

Calibration: SD50040

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5E1430-CCV1)			Lab File ID: SV1006508.D		Analyzed: 05/13/25 08:58			
SURR: 2-Fluorophenol	30.0	86.5	0 - 200	4.212	4.18375	0.0282	+/-1.00	
SURR: Phenol-d6	30.0	87.0	0 - 200	4.984	4.9455	0.0385	+/-1.00	
SURR: Nitrobenzene-d5	30.0	70.6	0 - 200	5.728	5.701125	0.0269	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	103	0 - 200	7.342	7.309875	0.0321	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	127	0 - 200	9.293	9.224125	0.0689	+/-1.00	
SURR: Terphenyl-d14	30.0	101	0 - 200	12.795	12.70525	0.0898	+/-1.00	
25SB-13 (0-2) (25E0212-04)			Lab File ID: SV1006513.D		Analyzed: 05/13/25 12:09			
SURR: 2-Fluorophenol	1.69	50.9	20 - 108	4.212	4.18375	0.0282	+/-1.00	
SURR: Phenol-d6	1.69	45.7	23 - 114	4.979	4.9455	0.0335	+/-1.00	
SURR: Nitrobenzene-d5	0.847	48.3	22 - 108	5.717	5.701125	0.0159	+/-1.00	
SURR: 2-Fluorobiphenyl	0.847	63.1	21 - 113	7.33	7.309875	0.0201	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.69	71.5	19 - 110	9.276	9.224125	0.0519	+/-1.00	
SURR: Terphenyl-d14	0.847	66.6	24 - 116	12.766	12.70525	0.0608	+/-1.00	
25SB-13 (3-5) (25E0212-05)			Lab File ID: SV1006514.D		Analyzed: 05/13/25 12:38			
SURR: 2-Fluorophenol	1.95	37.8	20 - 108	4.212	4.18375	0.0282	+/-1.00	
SURR: Phenol-d6	1.95	34.3	23 - 114	4.979	4.9455	0.0335	+/-1.00	
SURR: Nitrobenzene-d5	0.977	35.7	22 - 108	5.717	5.701125	0.0159	+/-1.00	
SURR: 2-Fluorobiphenyl	0.977	46.2	21 - 113	7.33	7.309875	0.0201	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.95	54.1	19 - 110	9.276	9.224125	0.0519	+/-1.00	
SURR: Terphenyl-d14	0.977	54.6	24 - 116	12.766	12.70525	0.0608	+/-1.00	
25SB-9 (0-2) (25E0212-07)			Lab File ID: SV1006516.D		Analyzed: 05/13/25 13:36			
SURR: 2-Fluorophenol	1.84	21.1	20 - 108	4.212	4.18375	0.0282	+/-1.00	
SURR: Phenol-d6	1.84	18.8	23 - 114	4.979	4.9455	0.0335	+/-1.00	*
SURR: Nitrobenzene-d5	0.918	20.2	22 - 108	5.717	5.701125	0.0159	+/-1.00	*
SURR: 2-Fluorobiphenyl	0.918	24.4	21 - 113	7.33	7.309875	0.0201	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.84	30.5	19 - 110	9.276	9.224125	0.0519	+/-1.00	
SURR: Terphenyl-d14	0.918	29.0	24 - 116	12.761	12.70525	0.0557	+/-1.00	
25SB-9 (2-4) (25E0212-08)			Lab File ID: SV1006517.D		Analyzed: 05/13/25 14:04			
SURR: 2-Fluorophenol	1.78	22.2	20 - 108	4.212	4.18375	0.0282	+/-1.00	
SURR: Phenol-d6	1.78	19.2	23 - 114	4.973	4.9455	0.0275	+/-1.00	*
SURR: Nitrobenzene-d5	0.888	20.4	22 - 108	5.717	5.701125	0.0159	+/-1.00	*
SURR: 2-Fluorobiphenyl	0.888	24.8	21 - 113	7.33	7.309875	0.0201	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.78	31.7	19 - 110	9.27	9.224125	0.0459	+/-1.00	
SURR: Terphenyl-d14	0.888	32.6	24 - 116	12.761	12.70525	0.0557	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E1430
Instrument: BNA #10
Calibration: SD50040

Surrogate Compound	Spike Level mg/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-9 (12-14) (25E0212-09)			Lab File ID: SV1006518.D		Analyzed: 05/13/25 14:33			
SURR: 2-Fluorophenol	1.95	33.6	20 - 108	4.212	4.18375	0.0282	+/-1.00	
SURR: Phenol-d6	1.95	29.8	23 - 114	4.973	4.9455	0.0275	+/-1.00	
SURR: Nitrobenzene-d5	0.974	31.4	22 - 108	5.717	5.701125	0.0159	+/-1.00	
SURR: 2-Fluorobiphenyl	0.974	38.8	21 - 113	7.33	7.309875	0.0201	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.95	50.4	19 - 110	9.27	9.224125	0.0459	+/-1.00	
SURR: Terphenyl-d14	0.974	45.8	24 - 116	12.76	12.70525	0.0548	+/-1.00	
25SB-6 (0-2) (25E0212-10)			Lab File ID: SV1006519.D		Analyzed: 05/13/25 15:02			
SURR: 2-Fluorophenol	1.70	29.4	20 - 108	4.206	4.18375	0.0223	+/-1.00	
SURR: Phenol-d6	1.70	25.6	23 - 114	4.973	4.9455	0.0275	+/-1.00	
SURR: Nitrobenzene-d5	0.849	27.3	22 - 108	5.717	5.701125	0.0159	+/-1.00	
SURR: 2-Fluorobiphenyl	0.849	33.0	21 - 113	7.325	7.309875	0.0151	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.70	42.0	19 - 110	9.27	9.224125	0.0459	+/-1.00	
SURR: Terphenyl-d14	0.849	39.6	24 - 116	12.76	12.70525	0.0548	+/-1.00	
25SB-5 (0-2) (25E0212-15)			Lab File ID: SV1006522.D		Analyzed: 05/13/25 16:28			
SURR: 2-Fluorophenol	1.71	24.0	20 - 108	4.206	4.18375	0.0223	+/-1.00	
SURR: Phenol-d6	1.71	20.0	23 - 114	4.967	4.9455	0.0215	+/-1.00	*
SURR: Nitrobenzene-d5	0.853	21.4	22 - 108	5.717	5.701125	0.0159	+/-1.00	*
SURR: 2-Fluorobiphenyl	0.853	26.0	21 - 113	7.325	7.309875	0.0151	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.71	30.7	19 - 110	9.264	9.224125	0.0399	+/-1.00	
SURR: Terphenyl-d14	0.853	30.2	24 - 116	12.755	12.70525	0.0498	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-6 (3-5)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE51156	Laboratory ID:	BE51156-MS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

Source Sample Name: 25SB-6 (3-5)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
1,1-Biphenyl	0.911	ND	0.618	67.8	10 - 130
1,2,4,5-Tetrachlorobenzene	0.911	ND	0.524	57.5	10 - 133
1,2,4-Trichlorobenzene	0.911	ND	0.722	79.3	10 - 127
1,2-Dichlorobenzene	0.911	ND	0.614	67.4	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	0.911	ND	0.543	59.6	10 - 144
1,3-Dichlorobenzene	0.911	ND	0.614	67.4	11 - 111
1,4-Dichlorobenzene	0.911	ND	0.601	65.9	10 - 106
2,3,4,6-Tetrachlorophenol	0.911	ND	0.738	81.0	30 - 130
2,4,5-Trichlorophenol	0.911	ND	0.536	58.9	10 - 127
2,4,6-Trichlorophenol	0.911	ND	0.618	67.8	10 - 132
2,4-Dichlorophenol	0.911	ND	0.575	63.1	10 - 128
2,4-Dimethylphenol	0.911	ND	0.318	34.9	10 - 137
2,4-Dinitrophenol	0.911	ND	ND	0 *	10 - 171
2,4-Dinitrotoluene	0.911	ND	0.638	70.0	16 - 135
2,6-Dinitrotoluene	0.911	ND	0.654	71.8	18 - 131
2-Chloronaphthalene	0.911	ND	0.602	66.1	10 - 129
2-Chlorophenol	0.911	ND	0.568	62.3	15 - 116
2-Methylnaphthalene	0.911	ND	0.604	66.2	10 - 147
2-Methylphenol	0.911	ND	0.483	53.0	10 - 136
2-Nitroaniline	0.911	ND	0.630	69.1	10 - 137
2-Nitrophenol	0.911	ND	0.715	78.5	10 - 129
3- & 4-Methylphenols	0.911	ND	0.410	45.0	10 - 123
3,3-Dichlorobenzidine	0.911	ND	0.735	80.6	10 - 155
3-Nitroaniline	0.911	ND	0.630	69.1	12 - 133
4,6-Dinitro-2-methylphenol	0.911	ND	0.251	27.6	10 - 155
4-Bromophenyl phenyl ether	0.911	ND	0.709	77.8	14 - 128
4-Chloro-3-methylphenol	0.911	ND	0.572	62.8	10 - 134
4-Chloroaniline	0.911	ND	0.506	55.5	10 - 145
4-Chlorophenyl phenyl ether	0.911	ND	0.635	69.7	14 - 130
4-Nitroaniline	0.911	ND	0.434	47.6	10 - 147
4-Nitrophenol	0.911	ND	0.237	26.0	10 - 137

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-6 (3-5)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE51156
Laboratory ID: BE51156-MS1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: 25SB-6 (3-5)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Acenaphthene	0.911	ND	0.598	65.7	10 - 146
Acenaphthylene	0.911	ND	0.623	68.4	10 - 134
Acetophenone	0.911	ND	0.472	51.8	10 - 116
Aniline	0.911	ND	0.474	52.0	10 - 123
Anthracene	0.911	ND	0.666	73.1	10 - 142
Atrazine	0.911	ND	0.526	57.7	19 - 115
Benzaldehyde	0.911	ND	0.503	55.2	10 - 125
Benzo(a)anthracene	0.911	ND	0.665	73.0	10 - 158
Benzo(a)pyrene	0.911	ND	0.646	70.9	10 - 180
Benzo(b)fluoranthene	0.911	ND	0.648	71.1	10 - 200
Benzo(g,h,i)perylene	0.911	ND	0.720	79.0	10 - 138
Benzo(k)fluoranthene	0.911	ND	0.766	84.1	10 - 197
Benzoic acid	0.911	ND	0.453	49.8	10 - 166
Benzyl alcohol	0.911	ND	0.572	62.8	12 - 124
Benzyl butyl phthalate	0.911	ND	0.687	75.4	10 - 154
Bis(2-chloroethoxy)methane	0.911	ND	0.620	68.0	10 - 132
Bis(2-chloroethyl)ether	0.911	ND	0.586	64.3	10 - 119
Bis(2-chloroisopropyl)ether	0.911	ND	0.504	55.4	10 - 139
Bis(2-ethylhexyl)phthalate	0.911	ND	0.731	80.2	10 - 167
Caprolactam	0.911	ND	0.478	52.5	10 - 132
Carbazole	0.911	ND	0.561	61.5	10 - 167
Chrysene	0.911	ND	0.696	76.4	10 - 156
Dibenzo(a,h)anthracene	0.911	ND	0.634	69.6	10 - 137
Dibenzofuran	0.911	ND	0.618	67.8	10 - 147
Diethyl phthalate	0.911	ND	0.598	65.6	20 - 120
Dimethyl phthalate	0.911	ND	0.613	67.3	18 - 131
Di-n-butyl phthalate	0.911	ND	0.627	68.8	10 - 137
Di-n-octyl phthalate	0.911	ND	0.778	85.4	10 - 180
Fluoranthene	0.911	ND	0.652	71.5	10 - 160
Fluorene	0.911	ND	0.625	68.6	10 - 157
Hexachlorobenzene	0.911	ND	0.607	66.6	10 - 137
Hexachlorobutadiene	0.911	ND	0.727	79.8	10 - 132

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-6 (3-5)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE51156	Laboratory ID:	BE51156-MS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

Source Sample Name: 25SB-6 (3-5)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Hexachlorocyclopentadiene	0.911	ND	0.158	17.4	10 - 106
Hexachloroethane	0.911	ND	0.552	60.6	10 - 110
Indeno(1,2,3-cd)pyrene	0.911	ND	0.879	96.5	10 - 144
Isophorone	0.911	ND	0.617	67.7	10 - 132
Naphthalene	0.911	ND	0.643	70.6	10 - 141
Nitrobenzene	0.911	ND	0.609	66.9	10 - 131
N-Nitrosodimethylamine	0.911	ND	0.632	69.4	10 - 126
N-nitroso-di-n-propylamine	0.911	ND	0.514	56.4	10 - 125
N-Nitrosodiphenylamine	0.911	ND	0.628	69.0	10 - 177
Pentachlorophenol	0.911	ND	0.569	62.4	10 - 153
Phenanthrene	0.911	ND	0.648	71.1	10 - 148
Phenol	0.911	ND	0.534	58.6	10 - 126
Pyrene	0.911	ND	0.739	81.1	10 - 165
Pyridine	0.911	ND	0.376	41.3	10 - 83

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-6 (3-5)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE51156
Laboratory ID: BE51156-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: 25SB-6 (3-5)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	0.911	0.531	58.2	15.2	30	10 - 130
1,2,4,5-Tetrachlorobenzene	0.911	0.437	47.9	18.2	30	10 - 133
1,2,4-Trichlorobenzene	0.911	0.613	67.3	16.4	30	10 - 127
1,2-Dichlorobenzene	0.911	0.523	57.4	15.9	30	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	0.911	0.484	53.1	11.5	30	10 - 144
1,3-Dichlorobenzene	0.911	0.531	58.2	14.6	30	11 - 111
1,4-Dichlorobenzene	0.911	0.531	58.2	12.4	30	10 - 106
2,3,4,6-Tetrachlorophenol	0.911	0.602	66.1	20.2	30	30 - 130
2,4,5-Trichlorophenol	0.911	0.480	52.6	11.2	30	10 - 127
2,4,6-Trichlorophenol	0.911	0.552	60.6	11.2	30	10 - 132
2,4-Dichlorophenol	0.911	0.564	61.9	1.92	30	10 - 128
2,4-Dimethylphenol	0.911	0.357	39.2	11.7	30	10 - 137
2,4-Dinitrophenol	0.911	ND	0 *		30	10 - 171
2,4-Dinitrotoluene	0.911	0.538	59.0	17.0	30	16 - 135
2,6-Dinitrotoluene	0.911	0.561	61.6	15.2	30	18 - 131
2-Chloronaphthalene	0.911	0.523	57.4	14.1	30	10 - 129
2-Chlorophenol	0.911	0.523	57.4	8.29	30	15 - 116
2-Methylnaphthalene	0.911	0.515	56.6	15.8	30	10 - 147
2-Methylphenol	0.911	0.487	53.4	0.751	30	10 - 136
2-Nitroaniline	0.911	0.501	55.0	22.7	30	10 - 137
2-Nitrophenol	0.911	0.591	64.9	19.0	30	10 - 129
3- & 4-Methylphenols	0.911	0.406	44.6	0.894	30	10 - 123
3,3-Dichlorobenzidine	0.911	0.721	79.1	1.90	30	10 - 155
3-Nitroaniline	0.911	0.501	55.0	22.7	30	12 - 133
4,6-Dinitro-2-methylphenol	0.911	0.213	23.4	16.6	30	10 - 155
4-Bromophenyl phenyl ether	0.911	0.617	67.7	14.0	30	14 - 128
4-Chloro-3-methylphenol	0.911	0.597	65.5	4.24	30	10 - 134
4-Chloroaniline	0.911	0.453	49.8	10.9	30	10 - 145
4-Chlorophenyl phenyl ether	0.911	0.551	60.5	14.1	30	14 - 130
4-Nitroaniline	0.911	0.407	44.7	6.24	30	10 - 147
4-Nitrophenol	0.911	0.438	48.1	59.6 *	30	10 - 137
Acenaphthene	0.911	0.467	51.3	24.6	30	10 - 146

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-6 (3-5)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE51156
Laboratory ID: BE51156-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: 25SB-6 (3-5)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthylene	0.911	0.526	57.7	17.0	30	10 - 134
Acetophenone	0.911	0.413	45.3	13.4	30	10 - 116
Aniline	0.911	0.440	48.2	7.50	30	10 - 123
Anthracene	0.911	0.545	59.8	20.0	30	10 - 142
Atrazine	0.911	0.464	50.9	12.5	30	19 - 115
Benzaldehyde	0.911	0.438	48.1	13.8	30	10 - 125
Benzo(a)anthracene	0.911	0.558	61.2	17.5	30	10 - 158
Benzo(a)pyrene	0.911	0.547	60.0	16.6	30	10 - 180
Benzo(b)fluoranthene	0.911	0.541	59.4	18.0	30	10 - 200
Benzo(g,h,i)perylene	0.911	0.642	70.5	11.4	30	10 - 138
Benzo(k)fluoranthene	0.911	0.617	67.7	21.6	30	10 - 197
Benzoic acid	0.911	0.381	41.8	17.3	30	10 - 166
Benzyl alcohol	0.911	0.499	54.8	13.6	30	12 - 124
Benzyl butyl phthalate	0.911	0.571	62.7	18.4	30	10 - 154
Bis(2-chloroethoxy)methane	0.911	0.517	56.7	18.1	30	10 - 132
Bis(2-chloroethyl)ether	0.911	0.487	53.4	18.5	30	10 - 119
Bis(2-chloroisopropyl)ether	0.911	0.442	48.6	13.1	30	10 - 139
Bis(2-ethylhexyl)phthalate	0.911	0.612	67.1	17.8	30	10 - 167
Caprolactam	0.911	0.466	51.1	2.63	30	10 - 132
Carbazole	0.911	0.491	53.9	13.2	30	10 - 167
Chrysene	0.911	0.575	63.1	19.0	30	10 - 156
Dibenzo(a,h)anthracene	0.911	0.549	60.2	14.4	30	10 - 137
Dibenzofuran	0.911	0.523	57.4	16.6	30	10 - 147
Diethyl phthalate	0.911	0.520	57.0	14.0	30	20 - 120
Dimethyl phthalate	0.911	0.528	57.9	15.0	30	18 - 131
Di-n-butyl phthalate	0.911	0.536	58.8	15.7	30	10 - 137
Di-n-octyl phthalate	0.911	0.651	71.4	17.8	30	10 - 180
Fluoranthene	0.911	0.557	61.1	15.7	30	10 - 160
Fluorene	0.911	0.527	57.8	17.1	30	10 - 157
Hexachlorobenzene	0.911	0.544	59.7	11.0	30	10 - 137
Hexachlorobutadiene	0.911	0.648	71.1	11.6	30	10 - 132
Hexachlorocyclopentadiene	0.911	0.117	12.9	29.6	30	10 - 106
Hexachloroethane	0.911	0.483	53.0	13.2	30	10 - 110

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-6 (3-5)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE51156
Laboratory ID: BE51156-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: 25SB-6 (3-5)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Indeno(1,2,3-cd)pyrene	0.911	0.765	84.0	13.8	30	10 - 144
Isophorone	0.911	0.504	55.3	20.2	30	10 - 132
Naphthalene	0.911	0.552	60.6	15.1	30	10 - 141
Nitrobenzene	0.911	0.526	57.7	14.8	30	10 - 131
N-Nitrosodimethylamine	0.911	0.553	60.7	13.3	30	10 - 126
N-nitroso-di-n-propylamine	0.911	0.464	51.0	10.1	30	10 - 125
N-Nitrosodiphenylamine	0.911	0.585	64.2	7.21	30	10 - 177
Pentachlorophenol	0.911	0.450	49.4	23.2	30	10 - 153
Phenanthrene	0.911	0.551	60.5	16.2	30	10 - 148
Phenol	0.911	0.537	59.0	0.544	30	10 - 126
Pyrene	0.911	0.608	66.7	19.5	30	10 - 165
Pyridine	0.911	0.309	33.9	19.6	30	10 - 83

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50875	Laboratory ID:	BE50875-BS1
Preparation:	EPA 3550C	Initial/Final:	30.8 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	0.812	0.349	43.0	18 - 111
1,2,4,5-Tetrachlorobenzene	0.812	0.319	39.3	21 - 131
1,2,4-Trichlorobenzene	0.812	0.326	40.1	10 - 140
1,2-Dichlorobenzene	0.812	0.303	37.4	34 - 108
1,2-Diphenylhydrazine (as Azobenzene)	0.812	0.445	54.8	17 - 137
1,3-Dichlorobenzene	0.812	0.295	36.3	33 - 110
1,4-Dichlorobenzene	0.812	0.301	37.1	32 - 104
2,3,4,6-Tetrachlorophenol	0.812	0.506	62.3	30 - 130
2,4,5-Trichlorophenol	0.812	0.431	53.2	27 - 118
2,4,6-Trichlorophenol	0.812	0.392	48.3	31 - 120
2,4-Dichlorophenol	0.812	0.366	45.0	20 - 127
2,4-Dimethylphenol	0.812	0.325	40.0	14 - 132
2,4-Dinitrophenol	0.812	0.282	34.8	10 - 171
2,4-Dinitrotoluene	0.812	0.494	60.8	34 - 131
2,6-Dinitrotoluene	0.812	0.452	55.7	31 - 128
2-Chloronaphthalene	0.812	0.332	40.9	31 - 117
2-Chlorophenol	0.812	0.318	39.2	33 - 113
2-Methylnaphthalene	0.812	0.306	37.8	12 - 138
2-Methylphenol	0.812	0.295	36.4	10 - 136
2-Nitroaniline	0.812	0.447	55.1	27 - 132
2-Nitrophenol	0.812	0.399	49.1	17 - 129
3- & 4-Methylphenols	0.812	0.223	27.4 *	29 - 103
3,3-Dichlorobenzidine	0.812	0.208	25.7	22 - 149
3-Nitroaniline	0.812	0.326	40.2	20 - 133
4,6-Dinitro-2-methylphenol	0.812	0.504	62.1	10 - 143
4-Bromophenyl phenyl ether	0.812	0.385	47.4	29 - 120
4-Chloro-3-methylphenol	0.812	0.431	53.1	24 - 129
4-Chloroaniline	0.812	0.252	31.0	10 - 132
4-Chlorophenyl phenyl ether	0.812	0.395	48.7	27 - 124
4-Nitroaniline	0.812	0.389	48.0	16 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50875	Laboratory ID:	BE50875-BS1
Preparation:	EPA 3550C	Initial/Final:	30.8 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
4-Nitrophenol	0.812	0.148	18.2	10 - 141
Acenaphthene	0.812	0.342	42.2	30 - 121
Acenaphthylene	0.812	0.344	42.4	30 - 115
Acetophenone	0.812	0.357	44.0	20 - 112
Aniline	0.812	0.143	17.6	10 - 119
Anthracene	0.812	0.384	47.3	34 - 118
Atrazine	0.812	0.509	62.7	26 - 112
Benzaldehyde	0.812	0.367	45.2	21 - 100
Benzo(a)anthracene	0.812	0.421	51.8	32 - 122
Benzo(a)pyrene	0.812	0.381	46.9	29 - 133
Benzo(b)fluoranthene	0.812	0.453	55.8	25 - 133
Benzo(g,h,i)perylene	0.812	0.480	59.2	10 - 143
Benzo(k)fluoranthene	0.812	0.427	52.6	25 - 128
Benzoic acid	0.812	0.0581	7.16 *	10 - 140
Benzyl alcohol	0.812	0.234	28.9 *	30 - 115
Benzyl butyl phthalate	0.812	0.450	55.4	26 - 126
Bis(2-chloroethoxy)methane	0.812	0.362	44.6	19 - 132
Bis(2-chloroethyl)ether	0.812	0.333	41.1	19 - 125
Bis(2-chloroisopropyl)ether	0.812	0.373	46.0	20 - 135
Bis(2-ethylhexyl)phthalate	0.812	0.471	58.0	10 - 155
Caprolactam	0.812	0.110	13.6	10 - 127
Carbazole	0.812	0.357	44.0	35 - 123
Chrysene	0.812	0.417	51.4	32 - 123
Dibenzo(a,h)anthracene	0.812	0.392	48.2	10 - 136
Dibenzofuran	0.812	0.349	43.0	29 - 121
Diethyl phthalate	0.812	0.455	56.0	34 - 116
Dimethyl phthalate	0.812	0.438	54.0	35 - 124
Di-n-butyl phthalate	0.812	0.475	58.6	31 - 116
Di-n-octyl phthalate	0.812	0.467	57.6	26 - 136
Fluoranthene	0.812	0.394	48.6	33 - 122

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50875	Laboratory ID:	BE50875-BS1
Preparation:	EPA 3550C	Initial/Final:	30.8 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
Fluorene	0.812	0.392	48.2	29 - 123
Hexachlorobenzene	0.812	0.406	50.1	21 - 124
Hexachlorobutadiene	0.812	0.351	43.2	10 - 149
Hexachlorocyclopentadiene	0.812	0.206	25.4	10 - 129
Hexachloroethane	0.812	0.314	38.7	28 - 108
Indeno(1,2,3-cd)pyrene	0.812	0.507	62.5	10 - 135
Isophorone	0.812	0.387	47.7	20 - 132
Naphthalene	0.812	0.348	42.8	23 - 124
Nitrobenzene	0.812	0.379	46.7	13 - 132
N-Nitrosodimethylamine	0.812	0.162	20.0	11 - 129
N-nitroso-di-n-propylamine	0.812	0.347	42.7	24 - 119
N-Nitrosodiphenylamine	0.812	0.467	57.6	22 - 152
Pentachlorophenol	0.812	0.273	33.6	10 - 139
Phenanthrene	0.812	0.377	46.5	33 - 123
Phenol	0.812	0.140	17.2 *	23 - 115
Pyrene	0.812	0.411	50.6	24 - 130
Pyridine	0.812	0.125	15.4	10 - 91

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50935	Laboratory ID:	BE50935-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	0.831	0.495	59.6	18 - 111
1,2,4,5-Tetrachlorobenzene	0.831	0.425	51.2	21 - 131
1,2,4-Trichlorobenzene	0.831	0.561	67.6	10 - 140
1,2-Dichlorobenzene	0.831	0.484	58.2	34 - 108
1,2-Diphenylhydrazine (as Azobenzene)	0.831	0.421	50.7	17 - 137
1,3-Dichlorobenzene	0.831	0.488	58.8	33 - 110
1,4-Dichlorobenzene	0.831	0.489	58.9	32 - 104
2,3,4,6-Tetrachlorophenol	0.831	0.656	79.0	30 - 130
2,4,5-Trichlorophenol	0.831	0.496	59.7	27 - 118
2,4,6-Trichlorophenol	0.831	0.571	68.8	31 - 120
2,4-Dichlorophenol	0.831	0.551	66.4	20 - 127
2,4-Dimethylphenol	0.831	0.515	62.0	14 - 132
2,4-Dinitrophenol	0.831	0.0488	5.88 *	10 - 171
2,4-Dinitrotoluene	0.831	0.517	62.2	34 - 131
2,6-Dinitrotoluene	0.831	0.537	64.6	31 - 128
2-Chloronaphthalene	0.831	0.492	59.2	31 - 117
2-Chlorophenol	0.831	0.524	63.0	33 - 113
2-Methylnaphthalene	0.831	0.480	57.8	12 - 138
2-Methylphenol	0.831	0.502	60.5	10 - 136
2-Nitroaniline	0.831	0.540	65.0	27 - 132
2-Nitrophenol	0.831	0.527	63.4	17 - 129
3- & 4-Methylphenols	0.831	0.449	54.0	29 - 103
3,3-Dichlorobenzidine	0.831	1.14	137	22 - 149
3-Nitroaniline	0.831	0.540	65.0	20 - 133
4,6-Dinitro-2-methylphenol	0.831	0.0831	10.0	10 - 143
4-Bromophenyl phenyl ether	0.831	0.577	69.4	29 - 120
4-Chloro-3-methylphenol	0.831	0.581	70.0	24 - 129
4-Chloroaniline	0.831	0.437	52.6	10 - 132
4-Chlorophenyl phenyl ether	0.831	0.526	63.3	27 - 124
4-Nitroaniline	0.831	0.441	53.1	16 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50935	Laboratory ID:	BE50935-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
4-Nitrophenol	0.831	0.419	50.4	10 - 141
Acenaphthene	0.831	0.472	56.8	30 - 121
Acenaphthylene	0.831	0.495	59.6	30 - 115
Acetophenone	0.831	0.375	45.1	20 - 112
Aniline	0.831	0.454	54.6	10 - 119
Anthracene	0.831	0.525	63.2	34 - 118
Atrazine	0.831	0.433	52.2	26 - 112
Benzaldehyde	0.831	0.407	49.0	21 - 100
Benzo(a)anthracene	0.831	0.543	65.3	32 - 122
Benzo(a)pyrene	0.831	0.573	69.0	29 - 133
Benzo(b)fluoranthene	0.831	0.570	68.6	25 - 133
Benzo(g,h,i)perylene	0.831	0.592	71.3	10 - 143
Benzo(k)fluoranthene	0.831	0.596	71.8	25 - 128
Benzoic acid	0.831	0.482	58.1	10 - 140
Benzyl alcohol	0.831	0.487	58.6	30 - 115
Benzyl butyl phthalate	0.831	0.545	65.6	26 - 126
Bis(2-chloroethoxy)methane	0.831	0.500	60.2	19 - 132
Bis(2-chloroethyl)ether	0.831	0.459	55.2	19 - 125
Bis(2-chloroisopropyl)ether	0.831	0.409	49.2	20 - 135
Bis(2-ethylhexyl)phthalate	0.831	0.594	71.5	10 - 155
Caprolactam	0.831	0.445	53.5	10 - 127
Carbazole	0.831	0.464	55.9	35 - 123
Chrysene	0.831	0.569	68.5	32 - 123
Dibenzo(a,h)anthracene	0.831	0.518	62.4	10 - 136
Dibenzofuran	0.831	0.497	59.8	29 - 121
Diethyl phthalate	0.831	0.496	59.8	34 - 116
Dimethyl phthalate	0.831	0.512	61.6	35 - 124
Di-n-butyl phthalate	0.831	0.501	60.4	31 - 116
Di-n-octyl phthalate	0.831	0.655	78.9	26 - 136
Fluoranthene	0.831	0.523	62.9	33 - 122

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50935	Laboratory ID:	BE50935-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
Fluorene	0.831	0.514	61.9	29 - 123
Hexachlorobenzene	0.831	0.473	57.0	21 - 124
Hexachlorobutadiene	0.831	0.586	70.5	10 - 149
Hexachlorocyclopentadiene	0.831	0.139	16.8	10 - 129
Hexachloroethane	0.831	0.444	53.4	28 - 108
Indeno(1,2,3-cd)pyrene	0.831	0.508	61.1	10 - 135
Isophorone	0.831	0.494	59.5	20 - 132
Naphthalene	0.831	0.506	61.0	23 - 124
Nitrobenzene	0.831	0.490	59.0	13 - 132
N-Nitrosodimethylamine	0.831	0.510	61.4	11 - 129
N-nitroso-di-n-propylamine	0.831	0.439	52.9	24 - 119
N-Nitrosodiphenylamine	0.831	0.568	68.4	22 - 152
Pentachlorophenol	0.831	0.544	65.5	10 - 139
Phenanthrene	0.831	0.514	61.9	33 - 123
Phenol	0.831	0.511	61.6	23 - 115
Pyrene	0.831	0.563	67.8	24 - 130
Pyridine	0.831	0.450	54.2	10 - 91

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE51156	Laboratory ID:	BE51156-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	0.831	0.640	77.0	18 - 111
1,2,4,5-Tetrachlorobenzene	0.831	0.540	65.0	21 - 131
1,2,4-Trichlorobenzene	0.831	0.687	82.7	10 - 140
1,2-Dichlorobenzene	0.831	0.577	69.4	34 - 108
1,2-Diphenylhydrazine (as Azobenzene)	0.831	0.582	70.1	17 - 137
1,3-Dichlorobenzene	0.831	0.588	70.8	33 - 110
1,4-Dichlorobenzene	0.831	0.591	71.2	32 - 104
2,3,4,6-Tetrachlorophenol	0.831	0.760	91.5	30 - 130
2,4,5-Trichlorophenol	0.831	0.598	72.0	27 - 118
2,4,6-Trichlorophenol	0.831	0.690	83.0	31 - 120
2,4-Dichlorophenol	0.831	0.679	81.8	20 - 127
2,4-Dimethylphenol	0.831	0.577	69.4	14 - 132
2,4-Dinitrophenol	0.831	0.225	27.0	10 - 171
2,4-Dinitrotoluene	0.831	0.660	79.5	34 - 131
2,6-Dinitrotoluene	0.831	0.683	82.2	31 - 128
2-Chloronaphthalene	0.831	0.622	74.9	31 - 117
2-Chlorophenol	0.831	0.626	75.3	33 - 113
2-Methylnaphthalene	0.831	0.595	71.7	12 - 138
2-Methylphenol	0.831	0.625	75.2	10 - 136
2-Nitroaniline	0.831	0.618	74.4	27 - 132
2-Nitrophenol	0.831	0.710	85.4	17 - 129
3- & 4-Methylphenols	0.831	0.532	64.0	29 - 103
3,3-Dichlorobenzidine	0.831	1.31	158 *	22 - 149
3-Nitroaniline	0.831	0.618	74.4	20 - 133
4,6-Dinitro-2-methylphenol	0.831	0.386	46.5	10 - 143
4-Bromophenyl phenyl ether	0.831	0.761	91.7	29 - 120
4-Chloro-3-methylphenol	0.831	0.690	83.0	24 - 129
4-Chloroaniline	0.831	0.514	61.9	10 - 132
4-Chlorophenyl phenyl ether	0.831	0.632	76.1	27 - 124
4-Nitroaniline	0.831	0.445	53.5	16 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE51156	Laboratory ID:	BE51156-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
4-Nitrophenol	0.831	0.331	39.9	10 - 141
Acenaphthene	0.831	0.572	68.8	30 - 121
Acenaphthylene	0.831	0.619	74.5	30 - 115
Acetophenone	0.831	0.464	55.9	20 - 112
Aniline	0.831	0.512	61.6	10 - 119
Anthracene	0.831	0.642	77.3	34 - 118
Atrazine	0.831	0.574	69.2	26 - 112
Benzaldehyde	0.831	0.452	54.5	21 - 100
Benzo(a)anthracene	0.831	0.695	83.7	32 - 122
Benzo(a)pyrene	0.831	0.758	91.3	29 - 133
Benzo(b)fluoranthene	0.831	0.722	87.0	25 - 133
Benzo(g,h,i)perylene	0.831	0.758	91.3	10 - 143
Benzo(k)fluoranthene	0.831	0.824	99.2	25 - 128
Benzoic acid	0.831	0.499	60.0	10 - 140
Benzyl alcohol	0.831	0.584	70.3	30 - 115
Benzyl butyl phthalate	0.831	0.696	83.8	26 - 126
Bis(2-chloroethoxy)methane	0.831	0.605	72.8	19 - 132
Bis(2-chloroethyl)ether	0.831	0.559	67.3	19 - 125
Bis(2-chloroisopropyl)ether	0.831	0.503	60.5	20 - 135
Bis(2-ethylhexyl)phthalate	0.831	0.737	88.8	10 - 155
Caprolactam	0.831	0.505	60.8	10 - 127
Carbazole	0.831	0.560	67.5	35 - 123
Chrysene	0.831	0.699	84.2	32 - 123
Dibenzo(a,h)anthracene	0.831	0.686	82.6	10 - 136
Dibenzofuran	0.831	0.616	74.2	29 - 121
Diethyl phthalate	0.831	0.617	74.2	34 - 116
Dimethyl phthalate	0.831	0.631	76.0	35 - 124
Di-n-butyl phthalate	0.831	0.649	78.1	31 - 116
Di-n-octyl phthalate	0.831	0.820	98.7	26 - 136
Fluoranthene	0.831	0.640	77.0	33 - 122

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE51156	Laboratory ID:	BE51156-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
Fluorene	0.831	0.619	74.5	29 - 123
Hexachlorobenzene	0.831	0.617	74.3	21 - 124
Hexachlorobutadiene	0.831	0.736	88.6	10 - 149
Hexachlorocyclopentadiene	0.831	0.237	28.6	10 - 129
Hexachloroethane	0.831	0.572	68.8	28 - 108
Indeno(1,2,3-cd)pyrene	0.831	0.944	114	10 - 135
Isophorone	0.831	0.614	73.9	20 - 132
Naphthalene	0.831	0.624	75.1	23 - 124
Nitrobenzene	0.831	0.592	71.2	13 - 132
N-Nitrosodimethylamine	0.831	0.619	74.6	11 - 129
N-nitroso-di-n-propylamine	0.831	0.548	65.9	24 - 119
N-Nitrosodiphenylamine	0.831	0.754	90.8	22 - 152
Pentachlorophenol	0.831	0.651	78.4	10 - 139
Phenanthrene	0.831	0.649	78.1	33 - 123
Phenol	0.831	0.633	76.2	23 - 115
Pyrene	0.831	0.733	88.2	24 - 130
Pyridine	0.831	0.533	64.1	10 - 91

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50011
Instrument: BNA#6
Calibration Date: 04/04/25 00:57

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5546756	9.847849	6.67	2.195347E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.6978031	36.12773	6.42	1.557442E-02			SPCC (0.01)	*
1,2,4-Trichlorobenzene	0.3060868	11.97463	5.7	3.753579E-03			20	
1,2-Dichlorobenzene	1.397537	10.97657	4.911667	1.133063			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.7218593	10.28953	8.071666	4.797652E-02			20	
1,3-Dichlorobenzene	1.399407	10.75204	4.78	3.035786E-03			20	
1,4-Dichlorobenzene	1.448207	11.36727	4.838333	8.565178E-02			20	
1-Methylnaphthalene	0.5660402	10.70007	6.36	0.0209438			20	
2,3,4,6-Tetrachlorophenol	0.1199563	10.0761	7.59	1.722988E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.4039986	8.807416	6.536667	7.861961E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3516625	10.04407	6.506667	8.064739E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2690544	12.24523	5.64	1.271817E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2791196	12.78956	5.49	1.809559E-02			SPCC (0.2)	
2,4-Dinitrophenol	0.1147017	27.61944	7.283333	0.0697844			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3743189	10.82015	7.43	1.735182E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2668477	11.13828	7.003333	7.328146E-02			SPCC (0.2)	
2-Chloronaphthalene	1.07191	9.34433	6.69	1.689563E-02			SPCC (0.8)	
2-Chlorophenol	1.267672	11.22936	4.67	8.144179E-03			SPCC (0.8)	
2-Methylnaphthalene	0.6366677	11.46023	6.28	2.099056E-02			SPCC (0.4)	
2-Methylphenol	1.139372	9.771969	4.99	1.990877E-02			SPCC (0.7)	
2-Nitroaniline	0.3549554	9.215747	6.775	8.187219E-02			SPCC (0.01)	
2-Nitrophenol	0.158723	10.48906	5.47	0.0171434			SPCC (0.1)	
3- & 4-Methylphenols	1.771918	11.70084	5.1	1.804415E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.3986553	9.893781	14.65333	0.0294245			SPCC (0.01)	
3-Nitroaniline	0.3549554	9.215747	6.775	8.187219E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	9.167727E-02	22.09465	7.921667	5.372445E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2199469	10.07196	8.54	2.269215E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3089389	10.96152	6.14	2.432736E-02			SPCC (0.2)	
4-Chloroaniline	0.3979206	10.11845	5.793333	9.202654E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6778506	9.744002	7.87	1.335717E-02			SPCC (0.4)	
4-Nitroaniline	0.360612	10.31279	7.876667	0.1034188			SPCC (0.01)	
4-Nitrophenol	0.2708086	10.15433	7.333333	6.876746E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50011
Instrument: BNA#6
Calibration Date: 04/04/25 00:57

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.098074	8.713111	7.27	1.985362E-02			SPCC (0.9)	
Acenaphthylene	1.728398	9.821289	7.09	1.844497E-02			SPCC (0.9)	
Acetophenone	2.50319	34.21037	5.11	1.872938E-02			SPCC (0.01)	*
Alpha Terpineol	0.2591799	12.08487	5.761667	6.710958E-02			20	
Aniline	1.900065	9.929201	4.58	0.0218314			SPCC ()	
Anthracene	1.020934	9.707726	9.348334	0.0452199			SPCC (0.7)	
Atrazine	0.2488543	35.85787	8.801667	4.414688E-02			SPCC (0.01)	*
Benzaldehyde	1.355177	39.19769	4.5	0			SPCC (0.01)	*
Benzidine	0.4489149	13.21235	11.825	4.365905E-02			20	
Benzo(a)anthracene	1.096841	9.526939	14.62	1.375628E-02			SPCC (0.8)	
Benzo(a)pyrene	1.095368	10.80415	17.60833	4.120464E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.138285	9.939952	16.96333	0.028796			SPCC (0.7)	
Benzo(g,h,i)perylene	0.9237589	10.3744	20.12833	4.587812E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.255821	10.93584	17.02333	3.465739E-02			SPCC (0.7)	
Benzoic acid	0.2600903	10.52397	5.536667	0.3549536			20	
Benzyl alcohol	0.9479472	8.9759	4.916667	0.1040956			20	
Benzyl butyl phthalate	0.4299242	10.56231	13.58333	3.929046E-02			20	
Bis(2-chloroethoxy)methane	0.4237648	10.39368	5.56	1.164645E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.400617	10.58776	4.626667	0.1112987			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.56942	11.89421	5.02	1.396751E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.6207621	10.72	15.03	1.079057E-02			20	
Caprolactam	0.1372598	46.35159	6.045	0.1721474			SPCC (0.01)	*
Carbazole	1.034981	10.03123	9.625	5.444971E-02			SPCC (0.01)	
Chrysene	1.082674	10.31427	14.70333	3.432453E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.9289503	10.51449	19.75333	2.653959E-02			SPCC (0.4)	
Dibenzofuran	1.625552	9.369935	7.46	1.215444E-02			SPCC (0.8)	
Diethyl phthalate	1.277576	9.138423	7.723333	6.583086E-02			SPCC (0.01)	
Dimethyl phthalate	1.261085	10.17209	6.948333	5.969847E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.159308	9.910071	10.37167	3.648904E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.022858	12.74518	16.5	0			SPCC (0.01)	
Diphenylamine	0.5016244	10.49953	8.013334	6.201297E-02			20	
Fluoranthene	1.281497	10.01863	11.48167	3.634007E-02			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50011
Instrument: BNA#6
Calibration Date: 04/04/25 00:57

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.331197	9.722691	7.87	1.335717E-02			SPCC (0.9)	
Hexachlorobenzene	7.648604E-02	10.68447	8.62	8.468176E-03			SPCC (0.1)	
Hexachlorobutadiene	0.1871175	12.83376	5.85	1.837788E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.3424472	11.30538	6.41	2.040169E-02			SPCC (0.05)	
Hexachloroethane	0.5806648	10.64811	5.2	2.015686E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	0.8454989	12.40539	19.69	4.168272E-02			SPCC (0.5)	
Isophorone	0.706587	11.71089	5.41	1.406038E-02			SPCC (0.4)	
Naphthalene	0.9416932	11.64524	5.76	2.534572E-02			SPCC (0.7)	
Nitrobenzene	0.3684062	10.33803	5.235	0.1040822			SPCC (0.2)	
N-Nitrosodimethylamine	0.756157	10.77595	2.791667	0.1452709			20	
N-nitroso-di-n-propylamine	1.064626	10.16591	5.11	1.872938E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.1798978	10.65454	8.013334	6.201297E-02			SPCC (0.01)	
Parathion	0.1349797	20.57893	10.68667	5.007316E-02			20	*
Pentachloronitrobenzene	9.309909E-02	9.908005	8.943333	5.550494E-02			20	
Pentachlorophenol	0.1506658	13.95406	8.916667	5.655641E-02			SPCC (0.05)	
Phenanthrene	1.006994	9.826211	9.261667	4.388785E-02			SPCC (0.7)	
Phenol	1.819685	11.05671	4.55	1.594624E-02			SPCC (0.8)	
Pyrene	1.006097	9.89151	11.93833	2.606323E-02			SPCC (0.6)	
Pyridine	1.436696	11.49528	2.83	1.343933E-02			20	
SURR: 2,4,6-Tribromophenol	0.1052571	10.63585	8.173333	6.420217E-02			20	
SURR: 2-Fluorobiphenyl	1.253616	9.913926	6.58	1.519571E-02			20	
SURR: 2-Fluorophenol	1.278227	10.76299	3.853333	0.1339169			20	
SURR: Nitrobenzene-d5	0.369352	10.77153	5.22	2.779896E-03			20	
SURR: Phenol-d6	1.771521	11.20731	4.54	1.997184E-02			20	
SURR: Terphenyl-d14	0.8374144	10.15981	12.38167	3.568746E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50040
Instrument: BNA #10
Calibration Date: 04/23/25 00:51

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5602392	6.959825	7.424	3.968008E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.5996894	9.948746	7.115	4.493707E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.3433762	6.476154	6.249	1.876531E-02			20	
1,2-Dichlorobenzene	1.395056	4.652639	5.385	1.586277E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.8005219	9.300406	9.077125	2.699853E-02			20	
1,3-Dichlorobenzene	1.487162	4.133544	5.202	1.890494E-02			20	
1,4-Dichlorobenzene	1.50019	3.118872	5.261	6.114646E-02			20	
1-Methylnaphthalene	0.5934855	6.133873	7.055	0.0367218			20	
2,3,4,6-Tetrachlorophenol	0.1388091	9.816208	8.538625	4.126231E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.368033	7.445913	7.29225	6.272658E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3349421	9.99393	7.236	4.584948E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2723559	11.38443	6.186	5.067294E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2894971	9.505491	6.00225	3.767708E-02			SPCC (0.2)	
2,4-Dinitrophenol	0.1378506	25.56489	8.1865	8.856597E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3755844	5.94913	8.344333	8.007069E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2800797	6.013442	7.832	6.263055E-02			SPCC (0.2)	
2-Chloronaphthalene	0.9799604	7.065014	7.459	4.439717E-02			SPCC (0.8)	
2-Chlorophenol	1.246005	8.330572	5.0805	5.232673E-02			SPCC (0.8)	
2-Methylnaphthalene	0.7209728	5.659688	6.954	0.0388785			SPCC (0.4)	
2-Methylphenol	1.189706	9.167581	5.44875	4.190228E-02			SPCC (0.7)	
2-Nitroaniline	0.3170047	5.985905	7.572833	3.561313E-02			SPCC (0.01)	
2-Nitrophenol	0.1733201	8.620289	5.97475	3.133694E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.705042	7.998937	5.5695	5.137773E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5122872	18.18953	14.84067	3.489864E-02			SPCC (0.01)	
3-Nitroaniline	0.2705393	5.832255	8.056	7.316936E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	0.1022856	18.36827	8.9195	8.019478E-02			SPCC (0.01)	
4-Bromophenyl phenyl ether	0.2076672	6.911617	9.571333	2.595293E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3681469	8.53359	6.8055	4.006628E-02			SPCC (0.2)	
4-Chloroaniline	0.3689368	6.804006	6.368	6.861292E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6974885	5.79191	8.833333	3.020917E-02			SPCC (0.4)	
4-Nitroaniline	0.2731229	8.329021	8.8955	0.1050421			SPCC (0.01)	
4-Nitrophenol	0.2520088	36.61938	8.28175	0.1553379			SPCC (0.01)	*

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50040
Instrument: BNA #10
Calibration Date: 04/23/25 00:51

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.134185	7.313457	8.150667	3.584899E-02			SPCC (0.9)	
Acenaphthylene	1.555556	5.750849	7.938	2.666573E-02			SPCC (0.9)	
Acetophenone	2.124414	6.20695	5.571	6.041652E-02			SPCC (0.01)	
Alpha Terpineol	0.3148176	8.488557	6.314667	4.861366E-02			20	
Aniline	2.274675	4.744744	4.979833	3.855602E-02			SPCC ()	
Anthracene	0.9930349	5.825332	10.217	2.886757E-02			SPCC (0.7)	
Atrazine	0.2230975	7.809859	9.774667	4.353983E-02			SPCC (0.01)	
Benzaldehyde	1.177478	7.374948	4.893	7.522242E-03			SPCC (0.01)	
Benzidine	0.539883	21.65622	12.236	2.644258E-02			20	*
Benzo(a)anthracene	1.182133	6.833421	14.81867	3.695927E-02			SPCC (0.8)	
Benzo(a)pyrene	0.9870305	8.055994	17.71667	3.540704E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.032496	7.749396	17.07867	3.872578E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	0.8907774	9.283085	20.20467	5.384013E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.055362	7.659789	17.13667	5.056558E-02			SPCC (0.7)	
Benzoic acid	0.2091588	34.49168	6.087833	0.3822566			20	*
Benzyl alcohol	0.9253622	7.269614	5.357	4.422917E-02			20	
Benzyl butyl phthalate	0.4632252	8.954019	13.776	2.973411E-02			20	
Bis(2-chloroethoxy)methane	0.4497025	7.350649	6.0725	3.090922E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.497132	5.659147	5.021	5.381649E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	0.4691608	4.656761	5.4545	0.0439543			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.6079131	8.093892	15.10383	2.154325E-02			20	
Caprolactam	0.1188525	11.48655	6.704	0.2633161			SPCC (0.01)	
Carbazole	0.8706964	6.410808	10.429	3.419603E-02			SPCC (0.01)	
Chrysene	1.084129	6.508447	14.89567	4.337145E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.9400838	10.37148	19.81867	3.561903E-02			SPCC (0.4)	
Dibenzofuran	1.533813	5.585532	8.373833	3.004399E-02			SPCC (0.8)	
Diethyl phthalate	1.215632	4.973734	8.6485	6.564868E-02			SPCC (0.01)	
Dimethyl phthalate	1.182675	4.940736	7.746	6.197961E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.005063	7.785107	10.937	2.918803E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.043691	8.969597	16.53217	1.716337E-02			SPCC (0.01)	
Diphenylamine	0.4182281	7.369974	9.014666	3.014497E-02			20	
Fluoranthene	1.146258	7.110394	11.945	0.0427281			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50040
Instrument: BNA #10
Calibration Date: 04/23/25 00:51

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.288486	5.133905	8.854167	3.321056E-02			SPCC (0.9)	
Hexachlorobenzene	8.707486E-02	6.745754	9.650667	3.048014E-02			SPCC (0.1)	
Hexachlorobutadiene	0.2407234	6.291118	6.415	1.693751E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.4336419	11.34611	7.097	3.282006E-02			SPCC (0.05)	
Hexachloroethane	0.6187877	3.538815	5.663333	4.502643E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	0.9284724	9.71511	19.7605	3.961808E-02			SPCC (0.5)	
Isophorone	0.9428982	6.447164	5.906667	6.794287E-02			SPCC (0.4)	
Naphthalene	0.9884005	6.913187	6.326	4.945902E-02			SPCC (0.7)	
Nitrobenzene	0.5691241	6.891764	5.718833	5.345033E-02			SPCC (0.2)	
N-Nitrosodimethylamine	1.045664	5.724536	3.0675	0.1139504			20	
N-nitroso-di-n-propylamine	1.415008	4.83185	5.566	8.931229E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.1578495	7.004236	9.014666	3.014497E-02			SPCC (0.01)	
Parathion	0.1294022	11.34121	11.2165	1.900786E-02			20	
Pentachloronitrobenzene	0.1209624	7.751465	9.905	2.006534E-02			20	
Pentachlorophenol	9.766033E-02	26.37594	9.89975	7.620575E-02			SPCC (0.05)	*
Phenanthrene	0.9833144	6.320705	10.154	3.337333E-02			SPCC (0.7)	
Phenol	2.043076	8.494374	4.957375	5.457388E-02			SPCC (0.8)	
Pyrene	1.263818	7.970573	12.3535	4.554827E-02			SPCC (0.6)	
Pyridine	1.777976	6.844939	3.100833	0.1361825			20	
SURR: 2,4,6-Tribromophenol	6.691123E-02	9.592715	9.224125	3.387291E-02			20	
SURR: 2-Fluorobiphenyl	1.254935	8.350699	7.309875	3.427582E-02			20	
SURR: 2-Fluorophenol	1.30877	9.054945	4.18375	5.161543E-02			20	
SURR: Nitrobenzene-d5	0.5251865	7.826764	5.701125	4.206083E-02			20	
SURR: Phenol-d6	1.886783	9.27597	4.9455	5.854612E-02			20	
SURR: Terphenyl-d14	0.9726167	10.24588	12.70525	2.720887E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50008
Instrument: BNA #4
Calibration Date: 05/06/25 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5830398	6.613079	7.7445	3.597408E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4237767	5.829216	7.469	3.223333E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2883674	12.29252	6.549	2.072034E-02			20	
1,2-Dichlorobenzene	1.60993	9.806467	5.664833	5.55826E-03			20	
1,2-Diphenylhydrazine (as Azobenzene)	1.213158	8.56493	9.402	3.368878E-02			20	
1,3-Dichlorobenzene	1.62266	10.27607	5.461	1.533849E-02			20	
1,4-Dichlorobenzene	1.641851	10.3954	5.502	1.745901E-02			20	
1-Methylnaphthalene	0.6639026	9.502321	7.373	4.356167E-02			20	
2,3,4,6-Tetrachlorophenol	0.1594892	8.309416	8.9475	2.436715E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3782406	8.068751	7.61325	2.178508E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3408025	6.733974	7.56775	2.551129E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2991314	11.68466	6.463375	3.917006E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.3549089	11.03783	6.267	5.021918E-02			SPCC (0.2)	
2,4-Dinitrophenol	3.932472E-02	39.57325	8.56125	5.713843E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3555226	10.0987	8.761	4.826256E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2613435	10.55631	8.242	6.254926E-02			SPCC (0.2)	
2-Chloronaphthalene	1.112726	7.000469	7.780167	0.0349817			SPCC (0.8)	
2-Chlorophenol	1.622755	9.014458	5.339	1.466557E-02			SPCC (0.8)	
2-Methylnaphthalene	0.7641278	9.61454	7.257	4.092088E-02			SPCC (0.4)	
2-Methylphenol	1.529352	9.276153	5.70425	3.562222E-02			SPCC (0.7)	
2-Nitroaniline	0.3933966	8.114189	7.93	3.965835E-02			SPCC (0.01)	
2-Nitrophenol	0.162644	6.27883	6.270625	3.118415E-02			SPCC (0.1)	
3- & 4-Methylphenols	2.328072	9.163046	5.81975	7.494519E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5596575	16.13154	15.22917	4.762439E-02			SPCC (0.01)	
3-Nitroaniline	0.3575966	7.755304	8.434	6.003853E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	4.664428E-02	39.12882	9.345	5.517634E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1934443	7.09946	9.771	2.115819E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.4120141	10.11408	7.0855	0.0341616			SPCC (0.2)	
4-Chloroaniline	0.4760959	11.68391	6.667	0.0475247			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6448078	8.687341	9.186	3.331141E-02			SPCC (0.4)	
4-Nitroaniline	0.3745124	7.516432	9.305833	9.092594E-02			SPCC (0.01)	
4-Nitrophenol	0.3651116	8.183485	8.593875	0.1026645			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50008
Instrument: BNA #4
Calibration Date: 05/06/25 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.263256	10.02066	8.52	2.427261E-02			SPCC (0.9)	
Acenaphthylene	1.97094	7.193069	8.2885	1.126493E-02			SPCC (0.9)	
Acetophenone	2.416501	9.769666	5.841	5.880805E-02			SPCC (0.01)	
Alpha Terpineol	0.3942275	9.944869	6.572	1.340303E-02			20	
Aniline	2.815945	8.504362	5.248	5.694852E-02			SPCC ()	
Anthracene	1.213641	8.066075	10.425	4.464872E-02			SPCC (0.7)	
Atrazine	0.1949757	8.461492	9.982334	4.205603E-02			SPCC (0.01)	
Benzaldehyde	1.28414	10.68728	5.135	1.254135E-02			SPCC (0.01)	
Benzidine	0.9467152	17.02063	12.548	3.139754E-02			20	
Benzo(a)anthracene	1.370392	7.50196	15.18683	0.0471065			SPCC (0.8)	
Benzo(a)pyrene	1.223598	8.688416	18.14517	5.943514E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.248106	8.955585	17.49917	5.732736E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	0.9620925	8.07748	20.705	7.308615E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.287805	9.456717	17.54883	7.309566E-02			SPCC (0.7)	
Benzoic acid	0.2568061	15.25317	6.354833	0.3965482			20	
Benzyl alcohol	1.32935	8.939541	5.611	4.006526E-02			20	
Benzyl butyl phthalate	0.7254214	7.241852	14.145	3.681457E-02			20	
Bis(2-chloroethoxy)methane	0.4999121	10.44417	6.353	4.382556E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.868294	10.12837	5.283667	5.465633E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	2.992874	10.10537	5.728667	3.57198E-03			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	1.001443	6.40565	15.48133	1.907512E-02			20	
Caprolactam	0.1386522	17.08838	6.987167	0.2548811			SPCC (0.01)	
Carbazole	1.264141	9.196064	10.647	2.637659E-02			SPCC (0.01)	
Chrysene	1.313457	7.847349	15.28567	0.0591839			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.064219	7.242483	20.26283	6.223814E-02			SPCC (0.4)	
Dibenzofuran	1.792984	8.522967	8.727	3.904961E-02			SPCC (0.8)	
Diethyl phthalate	1.412813	8.594881	9.062	6.013163E-02			SPCC (0.01)	
Dimethyl phthalate	1.284471	6.210233	8.1275	3.243153E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.398724	6.704378	11.223	2.709808E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.830502	6.459148	16.81583	2.427026E-02			SPCC (0.01)	
Diphenylamine	0.7150726	7.643108	9.362	3.506228E-02			20	
Fluoranthene	1.423662	9.747384	12.263	3.393008E-02			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50008
Instrument: BNA #4
Calibration Date: 05/06/25 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.508513	9.624121	9.223	3.401459E-02			SPCC (0.9)	
Hexachlorobenzene	0.1034834	8.695553	9.959	1.967018E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1448088	10.11637	6.752666	1.911241E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.1346798	19.72561	7.479	3.550607E-02			SPCC (0.05)	
Hexachloroethane	0.6467489	10.76594	5.920667	2.446693E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	1.043433	6.728117	20.226	0.0658511			SPCC (0.5)	
Isophorone	0.9130069	9.123167	6.180167	7.768818E-02			SPCC (0.4)	
Naphthalene	1.118084	11.26612	6.611	4.948321E-02			SPCC (0.7)	
Nitrobenzene	0.4601395	6.617249	5.996	1.971629E-02			SPCC (0.2)	
N-Nitrosodimethylamine	1.007311	18.64269	3.293	9.297918E-02			20	
N-nitroso-di-n-propylamine	1.692007	10.45039	5.853	5.362175E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.2392084	6.453837	9.362	3.506228E-02			SPCC (0.01)	
Parathion	0.1603642	15.77598	11.54833	0.0202105			20	
Pentachloronitrobenzene	8.240426E-02	5.116573	10.27067	4.435897E-02			20	
Pentachlorophenol	0.1225591	11.86728	10.16875	2.202174E-02			SPCC (0.05)	
Phenanthrene	1.184556	9.918877	10.36733	2.586874E-02			SPCC (0.7)	
Phenol	2.413401	8.140344	5.20725	0.0580208			SPCC (0.8)	
Pyrene	1.423416	11.2362	12.686	4.607106E-02			SPCC (0.6)	
Pyridine	1.467469	18.60924	3.3015	0.1998019			20	
SURR: 2,4,6-Tribromophenol	0.0794994	5.534035	9.548	3.386947E-02			20	
SURR: 2-Fluorobiphenyl	1.313766	8.56614	7.63925	3.817947E-02			20	
SURR: 2-Fluorophenol	1.480928	8.187228	4.42875	6.946367E-02			20	
SURR: Nitrobenzene-d5	0.4518647	8.700992	5.979625	3.577212E-02			20	
SURR: Phenol-d6	2.3629	8.25006	5.196	0.061803			20	
SURR: Terphenyl-d14	0.978643	7.769291	13.02275	3.869739E-02			20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA#6	Calibration:	SD50011
Lab File ID:	SV66843.D	Calibration Date:	04/04/25 00:57
Sequence:	S5E1320	Injection Date:	05/13/25
Lab Sample ID:	S5E1320-CCV1	Injection Time:	10:33

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	30.2	0.5546756	0.5578145	0.01	0.6	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	25.4	0.6978031	0.5909359	0.01	-15.3	20	
1,2,4-Trichlorobenzene	A	30.0	31.1	0.3060868	0.3168846		3.5	20	
1,2-Dichlorobenzene	A	30.0	29.7	1.397537	1.383175		-1.0	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	25.4	0.7218593	0.6112552		-15.3	20	
1,3-Dichlorobenzene	A	30.0	30.7	1.399407	1.4313		2.3	20	
1,4-Dichlorobenzene	A	30.0	29.8	1.448207	1.436558		-0.8	20	
2,3,4,6-Tetrachlorophenol	A	30.0	30.3	0.1199563	0.1131283	0.01	-5.7	20	
2,4,5-Trichlorophenol	A	30.0	29.3	0.4039986	0.3790859	0.2	-6.2	20	
2,4,6-Trichlorophenol	A	30.0	33.8	0.3516625	0.3791175	0.2	7.8	20	
2,4-Dichlorophenol	A	30.0	31.3	0.2690544	0.2760605	0.2	2.6	20	
2,4-Dimethylphenol	A	30.0	27.0	0.2791196	0.2642198	0.2	-5.3	20	
2,4-Dinitrophenol	A	30.0	46.6	0.1147017	0.1549621	0.01	35.1	20	*
2,4-Dinitrotoluene	A	30.0	34.8	0.3743189	0.4346408	0.2	16.1	20	
2,6-Dinitrotoluene	A	30.0	35.3	0.2668477	0.3135989	0.2	17.5	20	
2-Chloronaphthalene	A	30.0	29.7	1.07191	1.062684	0.8	-0.9	20	
2-Chlorophenol	A	30.0	30.0	1.267672	1.252675	0.8	-1.2	20	
2-Methylnaphthalene	A	30.0	29.5	0.6366677	0.6255928	0.4	-1.7	20	
2-Methylphenol	A	30.0	29.2	1.139372	1.094759	0.7	-3.9	20	
2-Nitroaniline	A	30.0	30.6	0.3549554	0.3624635	0.01	2.1	20	
2-Nitrophenol	A	30.0	34.8	0.158723	0.17789	0.1	12.1	20	
3- & 4-Methylphenols	A	30.0	28.8	1.771918	1.675529	0.6	-5.4	20	
3,3-Dichlorobenzidine	A	30.0	73.1	0.3986553	0.4857431	0.01	21.8	20	*
3-Nitroaniline	A	30.0	30.6	0.3549554	0.3624635	0.01	2.1	20	
4,6-Dinitro-2-methylphenol	A	30.0	50.9	9.167727E-02	0.135918	0.01	48.3	20	*
4-Bromophenyl phenyl ether	A	30.0	33.6	0.2199469	0.2463194	0.1	12.0	20	
4-Chloro-3-methylphenol	A	30.0	30.6	0.3089389	0.308145	0.2	-0.3	20	
4-Chloroaniline	A	30.0	29.8	0.3979206	0.3956621	0.01	-0.6	20	
4-Chlorophenyl phenyl ether	A	30.0	32.0	0.6778506	0.7239558	0.4	6.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA#6	Calibration:	SD50011
Lab File ID:	SV66843.D	Calibration Date:	04/04/25 00:57
Sequence:	S5E1320	Injection Date:	05/13/25
Lab Sample ID:	S5E1320-CCV1	Injection Time:	10:33

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	26.2	0.360612	0.3143894	0.01	-12.8	20	
4-Nitrophenol	A	30.0	20.8	0.2708086	0.1767854	0.01	-34.7	20	*
Acenaphthene	A	30.0	28.2	1.098074	1.033578	0.9	-5.9	20	
Acenaphthylene	A	30.0	29.8	1.728398	1.716249	0.9	-0.7	20	
Acetophenone	A	30.0	23.3	2.50319	1.941023	0.01	-22.5	20	*
Aniline	A	30.0	32.6	1.900065	2.063102		8.6	20	
Anthracene	A	30.0	30.7	1.020934	1.04401	0.7	2.3	20	
Atrazine	A	30.0	26.9	0.2488543	0.2232624	0.01	-10.3	20	
Benzaldehyde	A	30.0	23.4	1.355177	1.056695	0.01	-22.0	20	*
Benzidine	A	30.0	28.4	0.4489149	0.4257079		-5.2	20	
Benzo(a)anthracene	A	30.0	32.0	1.096841	1.170958	0.8	6.8	20	
Benzo(a)pyrene	A	30.0	35.3	1.095368	1.289718	0.7	17.7	20	
Benzo(b)fluoranthene	A	30.0	35.2	1.138285	1.335516	0.7	17.3	20	
Benzo(g,h,i)perylene	A	30.0	34.8	0.9237589	1.073078	0.5	16.2	20	
Benzo(k)fluoranthene	A	30.0	34.8	1.255821	1.454644	0.7	15.8	20	
Benzoic acid	A	30.0	32.4	0.2600903	0.2805125		7.9	20	
Benzyl alcohol	A	30.0	29.4	0.9479472	0.9289864		-2.0	20	
Benzyl butyl phthalate	A	30.0	32.8	0.4299242	0.4701204		9.3	20	
Bis(2-chloroethoxy)methane	A	30.0	27.7	0.4237648	0.3908441	0.3	-7.8	20	
Bis(2-chloroethyl)ether	A	30.0	30.0	1.400617	1.402951	0.7	0.2	20	
Bis(2-chloroisopropyl)ether	A	30.0	25.1	1.56942	1.314123	0.01	-16.3	20	
Bis(2-ethylhexyl)phthalate	A	30.0	36.7	0.6207621	0.7586667		22.2	20	*
Caprolactam	A	30.0	26.1	0.1372598	0.1194987	0.01	-12.9	20	
Carbazole	A	30.0	28.5	1.034981	0.9839293	0.01	-4.9	20	
Chrysene	A	30.0	31.6	1.082674	1.140742	0.7	5.4	20	
Dibenzo(a,h)anthracene	A	30.0	34.0	0.9289503	1.051541	0.4	13.2	20	
Dibenzofuran	A	30.0	30.3	1.625552	1.640453	0.8	0.9	20	
Diethyl phthalate	A	30.0	29.9	1.277576	1.274352	0.01	-0.3	20	
Dimethyl phthalate	A	30.0	31.8	1.261085	1.338173	0.01	6.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA#6	Calibration:	SD50011
Lab File ID:	SV66843.D	Calibration Date:	04/04/25 00:57
Sequence:	S5E1320	Injection Date:	05/13/25
Lab Sample ID:	S5E1320-CCV1	Injection Time:	10:33

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate	A	30.0	31.4	1.159308	1.214472	0.01	4.8	20	
Di-n-octyl phthalate	A	30.0	41.2	1.022858	1.40555	0.01	37.4	20	*
Fluoranthene	A	30.0	31.4	1.281497	1.342612	0.6	4.8	20	
Fluorene	A	30.0	30.5	1.331197	1.354526	0.9	1.8	20	
Hexachlorobenzene	A	30.0	27.6	7.648604E-02	7.032476E-02	0.1	-8.1	20	
Hexachlorobutadiene	A	30.0	32.8	0.1871175	0.2048156	0.01	9.5	20	
Hexachlorocyclopentadiene	A	30.0	29.1	0.3424472	0.3326385	0.05	-2.9	20	
Hexachloroethane	A	30.0	28.5	0.5806648	0.5512487	0.3	-5.1	20	
Indeno(1,2,3-cd)pyrene	A	30.0	32.6	0.8454989	0.9187462	0.5	8.7	20	
Isophorone	A	30.0	27.8	0.706587	0.6551019	0.4	-7.3	20	
Naphthalene	A	30.0	28.3	0.9416932	0.8894432	0.7	-5.5	20	
Nitrobenzene	A	30.0	27.3	0.3684062	0.3357958	0.2	-8.9	20	
N-Nitrosodimethylamine	A	30.0	32.5	0.756157	0.8195892		8.4	20	
N-nitroso-di-n-propylamine	A	30.0	27.6	1.064626	0.9811647	0.5	-7.8	20	
N-Nitrosodiphenylamine	A	30.0	30.8	0.1798978	0.1848128	0.01	2.7	20	
Pentachlorophenol	A	30.0	35.1	0.1506658	0.1607742	0.05	6.7	20	
Phenanthrene	A	30.0	30.0	1.006994	1.008693	0.7	0.2	20	
Phenol	A	30.0	32.5	1.819685	1.941064	0.8	6.7	20	
Pyrene	A	30.0	32.3	1.006097	1.083971	0.6	7.7	20	
Pyridine	A	30.0	32.5	1.436696	1.555067		8.2	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA#6	Calibration:	SD50011
Lab File ID:	SV66856.D	Calibration Date:	04/04/25 00:57
Sequence:	S5E1410	Injection Date:	05/13/25
Lab Sample ID:	S5E1410-CCV1	Injection Time:	17:18

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	28.8	0.5546756	0.5315847	0.01	-4.2	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	25.0	0.6978031	0.5818894	0.01	-16.6	20	
1,2,4-Trichlorobenzene	A	30.0	32.5	0.3060868	0.3319949		8.5	20	
1,2-Dichlorobenzene	A	30.0	29.2	1.397537	1.360137		-2.7	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	25.1	0.7218593	0.6042787		-16.3	20	
1,3-Dichlorobenzene	A	30.0	29.4	1.399407	1.369777		-2.1	20	
1,4-Dichlorobenzene	A	30.0	29.4	1.448207	1.420622		-1.9	20	
2,3,4,6-Tetrachlorophenol	A	30.0	33.2	0.1199563	0.1239376	0.01	3.3	20	
2,4,5-Trichlorophenol	A	30.0	29.8	0.4039986	0.3856119	0.2	-4.6	20	
2,4,6-Trichlorophenol	A	30.0	34.4	0.3516625	0.3855305	0.2	9.6	20	
2,4-Dichlorophenol	A	30.0	32.5	0.2690544	0.2867241	0.2	6.6	20	
2,4-Dimethylphenol	A	30.0	26.6	0.2791196	0.2600366	0.2	-6.8	20	
2,4-Dinitrophenol	A	30.0	4.94	0.1147017	1.641257E-02	0.01	-85.7	20	*
2,4-Dinitrotoluene	A	30.0	30.9	0.3743189	0.3854501	0.2	3.0	20	
2,6-Dinitrotoluene	A	30.0	31.7	0.2668477	0.2823155	0.2	5.8	20	
2-Chloronaphthalene	A	30.0	29.2	1.07191	1.044588	0.8	-2.5	20	
2-Chlorophenol	A	30.0	29.8	1.267672	1.244594	0.8	-1.8	20	
2-Methylnaphthalene	A	30.0	31.2	0.6366677	0.6611728	0.4	3.8	20	
2-Methylphenol	A	30.0	28.7	1.139372	1.075421	0.7	-5.6	20	
2-Nitroaniline	A	30.0	29.6	0.3549554	0.3507113	0.01	-1.2	20	
2-Nitrophenol	A	30.0	31.9	0.158723	0.1629079	0.1	2.6	20	
3- & 4-Methylphenols	A	30.0	27.9	1.771918	1.622575	0.6	-8.4	20	
3,3-Dichlorobenzidine	A	30.0	75.1	0.3986553	0.498743	0.01	25.1	20	*
3-Nitroaniline	A	30.0	29.6	0.3549554	0.3507113	0.01	-1.2	20	
4,6-Dinitro-2-methylphenol	A	30.0	6.52	9.167727E-02	1.741386E-02	0.01	-81.0	20	*
4-Bromophenyl phenyl ether	A	30.0	34.2	0.2199469	0.2509976	0.1	14.1	20	
4-Chloro-3-methylphenol	A	30.0	32.2	0.3089389	0.3240716	0.2	4.9	20	
4-Chloroaniline	A	30.0	30.0	0.3979206	0.3980018	0.01	0.02	20	
4-Chlorophenyl phenyl ether	A	30.0	31.9	0.6778506	0.7201291	0.4	6.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA#6	Calibration:	SD50011
Lab File ID:	SV66856.D	Calibration Date:	04/04/25 00:57
Sequence:	S5E1410	Injection Date:	05/13/25
Lab Sample ID:	S5E1410-CCV1	Injection Time:	17:18

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	25.1	0.360612	0.3013329	0.01	-16.4	20	
4-Nitrophenol	A	30.0	21.8	0.2708086	0.1860717	0.01	-31.3	20	*
Acenaphthene	A	30.0	28.0	1.098074	1.026735	0.9	-6.5	20	
Acenaphthylene	A	30.0	29.4	1.728398	1.696511	0.9	-1.8	20	
Acetophenone	A	30.0	21.7	2.50319	1.807951	0.01	-27.8	20	*
Aniline	A	30.0	29.4	1.900065	1.860626		-2.1	20	
Anthracene	A	30.0	30.9	1.020934	1.051761	0.7	3.0	20	
Atrazine	A	30.0	24.4	0.2488543	0.2024427	0.01	-18.7	20	
Benzaldehyde	A	30.0	22.0	1.355177	0.9959386	0.01	-26.5	20	*
Benzidine	A	30.0	28.6	0.4489149	0.427409		-4.8	20	
Benzo(a)anthracene	A	30.0	31.8	1.096841	1.162429	0.8	6.0	20	
Benzo(a)pyrene	A	30.0	34.3	1.095368	1.250903	0.7	14.2	20	
Benzo(b)fluoranthene	A	30.0	32.8	1.138285	1.245239	0.7	9.4	20	
Benzo(g,h,i)perylene	A	30.0	33.4	0.9237589	1.029941	0.5	11.5	20	
Benzo(k)fluoranthene	A	30.0	32.6	1.255821	1.362718	0.7	8.5	20	
Benzoic acid	A	30.0	36.2	0.2600903	0.313421		20.5	20	*
Benzyl alcohol	A	30.0	28.3	0.9479472	0.8955951		-5.5	20	
Benzyl butyl phthalate	A	30.0	31.3	0.4299242	0.4486311		4.4	20	
Bis(2-chloroethoxy)methane	A	30.0	27.7	0.4237648	0.3910577	0.3	-7.7	20	
Bis(2-chloroethyl)ether	A	30.0	27.4	1.400617	1.280338	0.7	-8.6	20	
Bis(2-chloroisopropyl)ether	A	30.0	23.4	1.56942	1.221571	0.01	-22.2	20	*
Bis(2-ethylhexyl)phthalate	A	30.0	34.1	0.6207621	0.7049565		13.6	20	
Caprolactam	A	30.0	26.1	0.1372598	0.1193279	0.01	-13.1	20	
Carbazole	A	30.0	27.5	1.034981	0.9471854	0.01	-8.5	20	
Chrysene	A	30.0	31.2	1.082674	1.126079	0.7	4.0	20	
Dibenzo(a,h)anthracene	A	30.0	32.4	0.9289503	1.002718	0.4	7.9	20	
Dibenzofuran	A	30.0	30.4	1.625552	1.645185	0.8	1.2	20	
Diethyl phthalate	A	30.0	28.2	1.277576	1.200715	0.01	-6.0	20	
Dimethyl phthalate	A	30.0	28.6	1.261085	1.202838	0.01	-4.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA#6	Calibration:	SD50011
Lab File ID:	SV66856.D	Calibration Date:	04/04/25 00:57
Sequence:	S5E1410	Injection Date:	05/13/25
Lab Sample ID:	S5E1410-CCV1	Injection Time:	17:18

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate	A	30.0	29.7	1.159308	1.147626	0.01	-1.0	20	
Di-n-octyl phthalate	A	30.0	37.7	1.022858	1.28669	0.01	25.8	20	*
Fluoranthene	A	30.0	29.8	1.281497	1.273693	0.6	-0.6	20	
Fluorene	A	30.0	30.8	1.331197	1.364931	0.9	2.5	20	
Hexachlorobenzene	A	30.0	27.9	7.648604E-02	7.121035E-02	0.1	-6.9	20	
Hexachlorobutadiene	A	30.0	34.6	0.1871175	0.2160996	0.01	15.5	20	
Hexachlorocyclopentadiene	A	30.0	9.16	0.3424472	0.1045549	0.05	-69.5	20	*
Hexachloroethane	A	30.0	27.9	0.5806648	0.5402828	0.3	-7.0	20	
Indeno(1,2,3-cd)pyrene	A	30.0	29.9	0.8454989	0.8425978	0.5	-0.3	20	
Isophorone	A	30.0	27.6	0.706587	0.6493511	0.4	-8.1	20	
Naphthalene	A	30.0	29.3	0.9416932	0.919497	0.7	-2.4	20	
Nitrobenzene	A	30.0	26.8	0.3684062	0.3285879	0.2	-10.8	20	
N-Nitrosodimethylamine	A	30.0	30.3	0.756157	0.7637357		1.0	20	
N-nitroso-di-n-propylamine	A	30.0	25.4	1.064626	0.8999798	0.5	-15.5	20	
N-Nitrosodiphenylamine	A	30.0	29.9	0.1798978	0.1793511	0.01	-0.3	20	
Pentachlorophenol	A	30.0	39.8	0.1506658	0.1822812	0.05	21.0	20	*
Phenanthrene	A	30.0	30.7	1.006994	1.030332	0.7	2.3	20	
Phenol	A	30.0	30.1	1.819685	1.797648	0.8	-1.2	20	
Pyrene	A	30.0	32.0	1.006097	1.072626	0.6	6.6	20	
Pyridine	A	30.0	29.9	1.436696	1.432454		-0.3	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #10	Calibration:	SD50040
Lab File ID:	SV1006508.D	Calibration Date:	04/23/25 00:51
Sequence:	S5E1430	Injection Date:	05/13/25
Lab Sample ID:	S5E1430-CCV1	Injection Time:	08:58

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	28.0	0.5602392	0.5236119	0.01	-6.5	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	32.4	0.5996894	0.6471219	0.01	7.9	20	
1,2,4-Trichlorobenzene	A	30.0	28.9	0.3433762	0.3304527		-3.8	20	
1,2-Dichlorobenzene	A	30.0	28.9	1.395056	1.345169		-3.6	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	17.1	0.8005219	0.4566451		-43.0	20	*
1,3-Dichlorobenzene	A	30.0	28.4	1.487162	1.405767		-5.5	20	
1,4-Dichlorobenzene	A	30.0	29.5	1.50019	1.476592		-1.6	20	
2,3,4,6-Tetrachlorophenol	A	30.0	24.4	0.1388091	0.1129449	0.01	-18.6	20	
2,4,5-Trichlorophenol	A	30.0	29.8	0.368033	0.3652143	0.2	-0.8	20	
2,4,6-Trichlorophenol	A	30.0	32.7	0.3349421	0.3652143	0.2	9.0	20	
2,4-Dichlorophenol	A	30.0	28.9	0.2723559	0.2627087	0.2	-3.5	20	
2,4-Dimethylphenol	A	30.0	25.0	0.2894971	0.2410494	0.2	-16.7	20	
2,4-Dinitrophenol	A	30.0	30.9	0.1378506	0.1419764	0.01	3.0	20	
2,4-Dinitrotoluene X	A	30.0	36.2	0.3755844	0.4538587	0.2	20.8	20	*
2,6-Dinitrotoluene	A	30.0	32.2	0.2800797	0.3005833	0.2	7.3	20	
2-Chloronaphthalene	A	30.0	28.8	0.9799604	0.9411163	0.8	-4.0	20	
2-Chlorophenol	A	30.0	28.7	1.246005	1.193113	0.8	-4.2	20	
2-Methylnaphthalene	A	30.0	27.0	0.7209728	0.6501881	0.4	-9.8	20	
2-Methylphenol	A	30.0	26.7	1.189706	1.059953	0.7	-10.9	20	
2-Nitroaniline	A	30.0	26.8	0.3170047	0.2832565	0.01	-10.6	20	
2-Nitrophenol	A	30.0	26.8	0.1733201	0.1549271	0.1	-10.6	20	
3- & 4-Methylphenols	A	30.0	28.3	1.705042	1.607056	0.6	-5.7	20	
3,3-Dichlorobenzidine	A	30.0	31.6	0.5122872	0.5395495	0.01	5.3	20	
3-Nitroaniline	A	30.0	28.2	0.2705393	0.2546061	0.01	-5.9	20	
4,6-Dinitro-2-methylphenol	A	30.0	28.5	0.1022856	9.705973E-02	0.01	-5.1	20	
4-Bromophenyl phenyl ether	A	30.0	32.1	0.2076672	0.2220843	0.1	6.9	20	
4-Chloro-3-methylphenol	A	30.0	24.9	0.3681469	0.3054207	0.2	-17.0	20	
4-Chloroaniline	A	30.0	27.6	0.3689368	0.3396876	0.01	-7.9	20	
4-Chlorophenyl phenyl ether	A	30.0	34.8	0.6974885	0.8085682	0.4	15.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #10	Calibration:	SD50040
Lab File ID:	SV1006508.D	Calibration Date:	04/23/25 00:51
Sequence:	S5E1430	Injection Date:	05/13/25
Lab Sample ID:	S5E1430-CCV1	Injection Time:	08:58

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Nitroaniline	A	30.0	28.1	0.2731229	0.2556616	0.01	-6.4	20
4-Nitrophenol	A	30.0	24.9	0.2520088	0.2095372	0.01	-16.9	20
Acenaphthene	A	30.0	26.2	1.134185	0.9902564	0.9	-12.7	20
Acenaphthylene	A	30.0	28.5	1.555556	1.479134	0.9	-4.9	20
Acetophenone	A	30.0	27.7	2.124414	1.961688	0.01	-7.7	20
Aniline	A	30.0	26.4	2.274675	2.001505		-12.0	20
Anthracene	A	30.0	31.3	0.9930349	1.035497	0.7	4.3	20
Atrazine	A	30.0	29.0	0.2230975	0.2156902	0.01	-3.3	20
Benzaldehyde X	A	30.0	22.2	1.177478	0.87312	0.01	-25.8	20 *
Benzidine	A	30.0	30.6	0.539883	0.5508425		2.0	20
Benzo(a)anthracene	A	30.0	31.5	1.182133	1.239862	0.8	4.9	20
Benzo(a)pyrene X	A	30.0	18.6	0.9870305	0.6107192	0.7 *	-38.1	20 *
Benzo(b)fluoranthene	A	30.0	26.2	1.032496	0.9011378	0.7	-12.7	20
Benzo(g,h,i)perylene	A	30.0	24.1	0.8907774	0.7154824	0.5	-19.7	20
Benzo(k)fluoranthene	A	30.0	25.6	1.055362	0.9011378	0.7	-14.6	20
Benzoic acid	A	30.0	27.6	0.2091588	0.1924597		-8.0	20
Benzyl alcohol	A	30.0	26.6	0.9253622	0.820636		-11.3	20
Benzyl butyl phthalate	A	30.0	26.3	0.4632252	0.4066606		-12.2	20
Bis(2-chloroethoxy)methane X	A	30.0	20.6	0.4497025	0.3080903	0.3	-31.5	20 *
Bis(2-chloroethyl)ether X	A	30.0	23.4	1.497132	1.165794	0.7	-22.1	20 *
Bis(2-chloroisopropyl)ether	A	30.0	27.3	0.4691608	0.4262734	0.01	-9.1	20
Bis(2-ethylhexyl)phthalate	A	30.0	25.8	0.6079131	0.5236827		-13.9	20
Caprolactam X	A	30.0	20.8	0.1188525	8.220976E-02	0.01	-30.8	20 *
Carbazole	A	30.0	31.8	0.8706964	0.9230629	0.01	6.0	20
Chrysene	A	30.0	30.3	1.084129	1.094653	0.7	1.0	20
Dibenzo(a,h)anthracene	A	30.0	27.5	0.9400838	0.8604107	0.4	-8.5	20
Dibenzofuran	A	30.0	31.8	1.533813	1.627891	0.8	6.1	20
Diethyl phthalate	A	30.0	30.8	1.215632	1.248329	0.01	2.7	20
Dimethyl phthalate	A	30.0	31.2	1.182675	1.229561	0.01	4.0	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #10	Calibration:	SD50040
Lab File ID:	SV1006508.D	Calibration Date:	04/23/25 00:51
Sequence:	S5E1430	Injection Date:	05/13/25
Lab Sample ID:	S5E1430-CCV1	Injection Time:	08:58

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate	A	30.0	31.5	1.005063	1.055748	0.01	5.0	20	
Di-n-octyl phthalate X	A	30.0	23.3	1.043691	0.8095347	0.01	-22.4	20	*
Fluoranthene	A	30.0	34.9	1.146258	1.334208	0.6	16.4	20	
Fluorene	A	30.0	31.5	1.288486	1.353231	0.9	5.0	20	
Hexachlorobenzene	A	30.0	24.0	8.707486E-02	6.974665E-02	0.1	-19.9	20	
Hexachlorobutadiene	A	30.0	33.1	0.2407234	0.2657781	0.01	10.4	20	
Hexachlorocyclopentadiene	A	30.0	27.6	0.4336419	0.3996668	0.05	-7.8	20	
Hexachloroethane	A	30.0	25.0	0.6187877	0.5157894	0.3	-16.6	20	
Indeno(1,2,3-cd)pyrene	A	30.0	27.1	0.9284724	0.8382667	0.5	-9.7	20	
Isophorone X	A	30.0	20.7	0.9428982	0.6515974	0.4	-30.9	20	*
Naphthalene	A	30.0	26.8	0.9884005	0.8833927	0.7	-10.6	20	
Nitrobenzene X	A	30.0	19.9	0.5691241	0.3780576	0.2	-33.6	20	*
N-Nitrosodimethylamine	A	30.0	17.0	1.045664	0.5934594		-43.2	20	*
N-nitroso-di-n-propylamine X	A	30.0	23.2	1.415008	1.095558	0.5	-22.6	20	*
N-Nitrosodiphenylamine	A	30.0	24.8	0.1578495	0.1303768	0.01	-17.4	20	
Pentachlorophenol X	A	30.0	22.6	9.766033E-02	7.344783E-02	0.05	-24.8	20	*
Phenanthrene	A	30.0	30.8	0.9833144	1.009885	0.7	2.7	20	
Phenol	A	30.0	26.1	2.043076	1.777139	0.8	-13.0	20	
Pyrene	A	30.0	26.1	1.263818	1.100985	0.6	-12.9	20	
Pyridine	A	30.0	17.3	1.777976	1.026886		-42.2	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #4	Calibration:	SE50008
Lab File ID:	SV4421568.D	Calibration Date:	05/06/25 00:00
Sequence:	S5E1435	Injection Date:	05/14/25
Lab Sample ID:	S5E1435-CCV1	Injection Time:	10:05

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	28.4	0.5830398	0.55188	0.01	-5.3	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	34.7	0.4237767	0.4900694	0.01	15.6	20	
1,2,4-Trichlorobenzene	A	30.0	33.0	0.2883674	0.3176972		10.2	20	
1,2-Dichlorobenzene	A	30.0	28.8	1.60993	1.546999		-3.9	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	20.0	1.213158	0.8104492		-33.2	20	*
1,3-Dichlorobenzene	A	30.0	28.8	1.62266	1.559518		-3.9	20	
1,4-Dichlorobenzene	A	30.0	29.5	1.641851	1.612331		-1.8	20	
2,3,4,6-Tetrachlorophenol	A	30.0	25.5	0.1594892	0.1356254	0.01	-15.0	20	
2,4,5-Trichlorophenol	A	30.0	31.3	0.3782406	0.3942956	0.2	4.2	20	
2,4,6-Trichlorophenol	A	30.0	32.1	0.3408025	0.36441	0.2	6.9	20	
2,4-Dichlorophenol	A	30.0	29.6	0.2991314	0.2954688	0.2	-1.2	20	
2,4-Dimethylphenol	A	30.0	26.5	0.3549089	0.3130262	0.2	-11.8	20	
2,4-Dinitrophenol X	A	30.0	86.1	3.932472E-02	0.1128955	0.01	187	20	*
2,4-Dinitrotoluene	A	30.0	33.4	0.3555226	0.3963287	0.2	11.5	20	
2,6-Dinitrotoluene	A	30.0	32.9	0.2613435	0.2869328	0.2	9.8	20	
2-Chloronaphthalene	A	30.0	29.4	1.112726	1.089022	0.8	-2.1	20	
2-Chlorophenol	A	30.0	26.2	1.622755	1.414526	0.8	-12.8	20	
2-Methylnaphthalene	A	30.0	28.9	0.7641278	0.7366519	0.4	-3.6	20	
2-Methylphenol X	A	30.0	24.0	1.529352	1.221647	0.7	-20.1	20	*
2-Nitroaniline	A	30.0	29.6	0.3933966	0.3883815	0.01	-1.3	20	
2-Nitrophenol	A	30.0	34.1	0.162644	0.1849599	0.1	13.7	20	
3- & 4-Methylphenols	A	30.0	24.0	2.328072	1.865534	0.6	-19.9	20	
3,3-Dichlorobenzidine	A	30.0	28.2	0.5596575	0.5264793	0.01	-5.9	20	
3-Nitroaniline	A	30.0	28.4	0.3575966	0.3391588	0.01	-5.2	20	
4,6-Dinitro-2-methylphenol X	A	30.0	72.2	4.664428E-02	0.1122178	0.01	141	20	*
4-Bromophenyl phenyl ether	A	30.0	35.6	0.1934443	0.2293965	0.1	18.6	20	
4-Chloro-3-methylphenol	A	30.0	25.7	0.4120141	0.3528567	0.2	-14.4	20	
4-Chloroaniline	A	30.0	27.3	0.4760959	0.4335481	0.01	-8.9	20	
4-Chlorophenyl phenyl ether	A	30.0	32.5	0.6448078	0.6982469	0.4	8.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #4	Calibration:	SE50008
Lab File ID:	SV4421568.D	Calibration Date:	05/06/25 00:00
Sequence:	S5E1435	Injection Date:	05/14/25
Lab Sample ID:	S5E1435-CCV1	Injection Time:	10:05

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	26.2	0.3745124	0.326997	0.01	-12.7	20	
4-Nitrophenol X	A	30.0	23.0	0.3651116	0.279673	0.01	-23.4	20	*
Acenaphthene	A	30.0	27.6	1.263256	1.163132	0.9	-7.9	20	
Acenaphthylene	A	30.0	28.0	1.97094	1.836373	0.9	-6.8	20	
Acetophenone	A	30.0	25.5	2.416501	2.052192	0.01	-15.1	20	
Aniline	A	30.0	22.9	2.815945	2.152999		-23.5	20	*
Anthracene	A	30.0	29.3	1.213641	1.18578	0.7	-2.3	20	
Atrazine	A	30.0	34.9	0.1949757	0.2270154	0.01	16.4	20	
Benzaldehyde	A	30.0	25.1	1.28414	1.076001	0.01	-16.2	20	
Benzidine	A	30.0	31.6	0.9467152	0.9983054		5.4	20	
Benzo(a)anthracene	A	30.0	29.0	1.370392	1.326751	0.8	-3.2	20	
Benzo(a)pyrene	A	30.0	30.4	1.223598	1.240362	0.7	1.4	20	
Benzo(b)fluoranthene	A	30.0	31.4	1.248106	1.308336	0.7	4.8	20	
Benzo(g,h,i)perylene	A	30.0	32.8	0.9620925	1.05103	0.5	9.2	20	
Benzo(k)fluoranthene	A	30.0	28.6	1.287805	1.227993	0.7	-4.6	20	
Benzoic acid	A	30.0	13.4	0.2568061	0.1151347		-55.2	20	*
Benzyl alcohol	A	30.0	24.9	1.32935	1.103203		-17.0	20	
Benzyl butyl phthalate	A	30.0	32.1	0.7254214	0.7769854		7.1	20	
Bis(2-chloroethoxy)methane	A	30.0	25.3	0.4999121	0.4212722	0.3	-15.7	20	
Bis(2-chloroethyl)ether	A	30.0	24.5	1.868294	1.528426	0.7	-18.2	20	
Bis(2-chloroisopropyl)ether X	A	30.0	16.6	2.992874	1.65988	0.01	-44.5	20	*
Bis(2-ethylhexyl)phthalate	A	30.0	31.7	1.001443	1.059215		5.8	20	
Caprolactam	A	30.0	28.5	0.1386522	0.1319253	0.01	-4.9	20	
Carbazole	A	30.0	27.1	1.264141	1.141166	0.01	-9.7	20	
Chrysene	A	30.0	29.0	1.313457	1.268519	0.7	-3.4	20	
Dibenzo(a,h)anthracene	A	30.0	32.1	1.064219	1.138885	0.4	7.0	20	
Dibenzofuran	A	30.0	29.3	1.792984	1.752489	0.8	-2.3	20	
Diethyl phthalate	A	30.0	28.6	1.412813	1.344876	0.01	-4.8	20	
Dimethyl phthalate	A	30.0	31.0	1.284471	1.325583	0.01	3.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #4	Calibration:	SE50008
Lab File ID:	SV4421568.D	Calibration Date:	05/06/25 00:00
Sequence:	S5E1435	Injection Date:	05/14/25
Lab Sample ID:	S5E1435-CCV1	Injection Time:	10:05

COMPOUND	#	TYPE	CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
			STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate		A	30.0	30.1	1.398724	1.40375	0.01	0.4	20	
Di-n-octyl phthalate		A	30.0	30.8	1.830502	1.878402	0.01	2.6	20	
Fluoranthene	X	A	30.0	38.2	1.423662	1.814239	0.6	27.4	20	*
Fluorene		A	30.0	27.5	1.508513	1.383256	0.9	-8.3	20	
Hexachlorobenzene		A	30.0	25.8	0.1034834	0.0890215	0.1 *	-14.0	20	
Hexachlorobutadiene	X	A	30.0	38.0	0.1448088	0.1831645	0.01	26.5	20	*
Hexachlorocyclopentadiene	X	A	30.0	67.2	0.1346798	0.3016443	0.05	124	20	*
Hexachloroethane		A	30.0	28.9	0.6467489	0.6229957	0.3	-3.7	20	
Indeno(1,2,3-cd)pyrene	X	A	30.0	38.0	1.043433	1.320487	0.5	26.6	20	*
Isophorone		A	30.0	24.3	0.9130069	0.740059	0.4	-18.9	20	
Naphthalene		A	30.0	27.6	1.118084	1.029841	0.7	-7.9	20	
Nitrobenzene		A	30.0	24.1	0.4601395	0.3701817	0.2	-19.6	20	
N-Nitrosodimethylamine		A	30.0	21.8	1.007311	0.7333451		-27.2	20	*
N-nitroso-di-n-propylamine	X	A	30.0	21.3	1.692007	1.200443	0.5	-29.1	20	*
N-Nitrosodiphenylamine		A	30.0	27.7	0.2392084	0.2210945	0.01	-7.6	20	
Pentachlorophenol		A	30.0	32.5	0.1225591	0.1326643	0.05	8.2	20	
Phenanthrene		A	30.0	28.6	1.184556	1.130119	0.7	-4.6	20	
Phenol		A	30.0	25.1	2.413401	2.022011	0.8	-16.2	20	
Pyrene		A	30.0	30.5	1.423416	1.447674	0.6	1.7	20	
Pyridine		A	30.0	25.5	1.467469	1.24832		-14.9	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #4	Calibration:	SE50008
Lab File ID:	SV4421588.D	Calibration Date:	05/06/25 00:00
Sequence:	S5E1539	Injection Date:	05/15/25
Lab Sample ID:	S5E1539-CCV1	Injection Time:	09:43

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	25.5	0.5830398	0.4962002	0.01	-14.9	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	30.0	0.4237767	0.4238881	0.01	0.03	20	
1,2,4-Trichlorobenzene	A	30.0	28.8	0.2883674	0.2770806		-3.9	20	
1,2-Dichlorobenzene	A	30.0	27.9	1.60993	1.496319		-7.1	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	27.0	1.213158	1.089978		-10.2	20	
1,3-Dichlorobenzene	A	30.0	28.4	1.62266	1.537454		-5.3	20	
1,4-Dichlorobenzene	A	30.0	28.3	1.641851	1.548955		-5.7	20	
2,3,4,6-Tetrachlorophenol	A	30.0	28.2	0.1594892	0.1496728	0.01	-6.2	20	
2,4,5-Trichlorophenol	A	30.0	28.3	0.3782406	0.356839	0.2	-5.7	20	
2,4,6-Trichlorophenol	A	30.0	29.7	0.3408025	0.3377958	0.2	-0.9	20	
2,4-Dichlorophenol	A	30.0	27.1	0.2991314	0.2705491	0.2	-9.6	20	
2,4-Dimethylphenol	A	30.0	26.6	0.3549089	0.3140821	0.2	-11.5	20	
2,4-Dinitrophenol	A	30.0	79.0	3.932472E-02	0.1035051	0.01	163	20	*
2,4-Dinitrotoluene	A	30.0	34.1	0.3555226	0.40364	0.2	13.5	20	
2,6-Dinitrotoluene	A	30.0	33.3	0.2613435	0.2901574	0.2	11.0	20	
2-Chloronaphthalene	A	30.0	28.3	1.112726	1.048367	0.8	-5.8	20	
2-Chlorophenol	A	30.0	25.6	1.622755	1.383271	0.8	-14.8	20	
2-Methylnaphthalene	A	30.0	27.2	0.7641278	0.6929917	0.4	-9.3	20	
2-Methylphenol	A	30.0	27.4	1.529352	1.395492	0.7	-8.8	20	
2-Nitroaniline	A	30.0	29.1	0.3933966	0.3814936	0.01	-3.0	20	
2-Nitrophenol	A	30.0	30.6	0.162644	0.1656068	0.1	1.8	20	
3- & 4-Methylphenols	A	30.0	27.9	2.328072	2.164745	0.6	-7.0	20	
3,3-Dichlorobenzidine	A	30.0	26.5	0.5596575	0.4945843	0.01	-11.6	20	
3-Nitroaniline	A	30.0	29.3	0.3575966	0.3489037	0.01	-2.4	20	
4,6-Dinitro-2-methylphenol	A	30.0	73.8	4.664428E-02	0.1147376	0.01	146	20	*
4-Bromophenyl phenyl ether	A	30.0	30.4	0.1934443	0.1961885	0.1	1.4	20	
4-Chloro-3-methylphenol	A	30.0	30.0	0.4120141	0.4115329	0.2	-0.1	20	
4-Chloroaniline	A	30.0	26.3	0.4760959	0.4175118	0.01	-12.3	20	
4-Chlorophenyl phenyl ether	A	30.0	29.8	0.6448078	0.6405958	0.4	-0.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #4	Calibration:	SE50008
Lab File ID:	SV4421588.D	Calibration Date:	05/06/25 00:00
Sequence:	S5E1539	Injection Date:	05/15/25
Lab Sample ID:	S5E1539-CCV1	Injection Time:	09:43

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	28.3	0.3745124	0.353389	0.01	-5.6	20	
4-Nitrophenol	A	30.0	29.8	0.3651116	0.3630203	0.01	-0.6	20	
Acenaphthene	A	30.0	25.5	1.263256	1.071895	0.9	-15.1	20	
Acenaphthylene	A	30.0	25.2	1.97094	1.65386	0.9	-16.1	20	
Acetophenone	A	30.0	33.5	2.416501	2.696857	0.01	11.6	20	
Aniline	A	30.0	28.7	2.815945	2.690475		-4.5	20	
Anthracene	A	30.0	28.9	1.213641	1.170406	0.7	-3.6	20	
Atrazine	A	30.0	35.9	0.1949757	0.2330642	0.01	19.5	20	
Benzaldehyde	A	30.0	28.6	1.28414	1.225351	0.01	-4.6	20	
Benzidine	A	30.0	21.1	0.9467152	0.6672115		-29.5	20	*
Benzo(a)anthracene	A	30.0	27.6	1.370392	1.260555	0.8	-8.0	20	
Benzo(a)pyrene	A	30.0	27.6	1.223598	1.126722	0.7	-7.9	20	
Benzo(b)fluoranthene	A	30.0	26.5	1.248106	1.101189	0.7	-11.8	20	
Benzo(g,h,i)perylene	A	30.0	32.0	0.9620925	1.024618	0.5	6.5	20	
Benzo(k)fluoranthene	A	30.0	26.4	1.287805	1.13541	0.7	-11.8	20	
Benzoic acid	A	30.0	15.7	0.2568061	0.1343379		-47.7	20	*
Benzyl alcohol	A	30.0	26.7	1.32935	1.183126		-11.0	20	
Benzyl butyl phthalate	A	30.0	27.2	0.7254214	0.6576764		-9.3	20	
Bis(2-chloroethoxy)methane	A	30.0	27.8	0.4999121	0.4625627	0.3	-7.5	20	
Bis(2-chloroethyl)ether	A	30.0	26.9	1.868294	1.674607	0.7	-10.4	20	
Bis(2-chloroisopropyl)ether	A	30.0	27.6	2.992874	2.749813	0.01	-8.1	20	
Bis(2-ethylhexyl)phthalate	A	30.0	27.2	1.001443	0.9097433		-9.2	20	
Caprolactam	A	30.0	33.4	0.1386522	0.1545375	0.01	11.5	20	
Carbazole	A	30.0	27.9	1.264141	1.176218	0.01	-7.0	20	
Chrysene	A	30.0	27.3	1.313457	1.196568	0.7	-8.9	20	
Dibenzo(a,h)anthracene	A	30.0	32.5	1.064219	1.151653	0.4	8.2	20	
Dibenzofuran	A	30.0	26.8	1.792984	1.604906	0.8	-10.5	20	
Diethyl phthalate	A	30.0	29.1	1.412813	1.371347	0.01	-2.9	20	
Dimethyl phthalate	A	30.0	31.5	1.284471	1.346788	0.01	4.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #4	Calibration:	SE50008
Lab File ID:	SV4421588.D	Calibration Date:	05/06/25 00:00
Sequence:	S5E1539	Injection Date:	05/15/25
Lab Sample ID:	S5E1539-CCV1	Injection Time:	09:43

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate	A	30.0	29.2	1.398724	1.363367	0.01	-2.5	20	
Di-n-octyl phthalate	A	30.0	27.1	1.830502	1.654504	0.01	-9.6	20	
Fluoranthene	A	30.0	27.6	1.423662	1.307892	0.6	-8.1	20	
Fluorene	A	30.0	27.4	1.508513	1.378496	0.9	-8.6	20	
Hexachlorobenzene	A	30.0	28.9	0.1034834	9.979586E-02	0.1	-3.6	20	
Hexachlorobutadiene	A	30.0	31.7	0.1448088	0.1529778	0.01	5.6	20	
Hexachlorocyclopentadiene	A	30.0	54.7	0.1346798	0.2455211	0.05	82.3	20	*
Hexachloroethane	A	30.0	33.5	0.6467489	0.7226243	0.3	11.7	20	
Indeno(1,2,3-cd)pyrene	A	30.0	32.8	1.043433	1.141716	0.5	9.4	20	
Isophorone	A	30.0	30.4	0.9130069	0.925873	0.4	1.4	20	
Naphthalene	A	30.0	26.1	1.118084	0.9718468	0.7	-13.1	20	
Nitrobenzene	A	30.0	30.5	0.4601395	0.4675698	0.2	1.6	20	
N-Nitrosodimethylamine	A	30.0	32.3	1.007311	1.083341		7.5	20	
N-nitroso-di-n-propylamine	A	30.0	30.8	1.692007	1.736854	0.5	2.7	20	
N-Nitrosodiphenylamine	A	30.0	28.4	0.2392084	0.2268376	0.01	-5.2	20	
Pentachlorophenol	A	30.0	24.7	0.1225591	0.1009951	0.05	-17.6	20	
Phenanthrene	A	30.0	28.6	1.184556	1.128769	0.7	-4.7	20	
Phenol	A	30.0	30.0	2.413401	2.416653	0.8	0.1	20	
Pyrene	A	30.0	27.2	1.423416	1.288477	0.6	-9.5	20	
Pyridine	A	30.0	34.2	1.467469	1.672765		14.0	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E1412
Instrument: MSBNA9
Calibration: SE50003

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5E1412-CCV1)			Lab File ID: E900326974.D		Analyzed: 05/13/25 08:56			
SURR: 2-Fluorophenol	30.0	91.0	0 - 200	4.668	4.371625	0.2964	+/-1.00	
SURR: Phenol-d6	30.0	89.2	0 - 200	5.412	5.1285	0.2835	+/-1.00	
SURR: Nitrobenzene-d5	30.0	102	0 - 200	6.173	5.90225	0.2708	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	106	0 - 200	7.858	7.53975	0.3183	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	112	0 - 200	9.794	9.4755	0.3185	+/-1.00	
SURR: Terphenyl-d14	30.0	108	0 - 200	13.298	12.874	0.4240	+/-1.00	
Blank (BE50791-BLK1)			Lab File ID: E900326975.D		Analyzed: 05/13/25 09:31			
SURR: 2-Fluorophenol	50.0	21.6	19.7 - 63.1	4.668	4.371625	0.2964	+/-1.00	
SURR: Phenol-d6	50.0	10.1	10.1 - 41.7	5.412	5.1285	0.2835	+/-1.00	
SURR: Nitrobenzene-d5	25.0	41.7	50.2 - 113	6.173	5.90225	0.2708	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	32.4	39.9 - 105	7.864	7.53975	0.3243	+/-1.00	*
SURR: 2,4,6-Tribromophenol	50.0	43.9	39.3 - 151	9.8	9.4755	0.3245	+/-1.00	
SURR: Terphenyl-d14	25.0	46.6	30.7 - 106	13.298	12.874	0.4240	+/-1.00	
LCS (BE50791-BS1)			Lab File ID: E900326976.D		Analyzed: 05/13/25 10:01			
SURR: 2-Fluorophenol	50.0	21.9	19.7 - 63.1	4.679	4.371625	0.3074	+/-1.00	
SURR: Phenol-d6	50.0	12.4	10.1 - 41.7	5.418	5.1285	0.2895	+/-1.00	
SURR: Nitrobenzene-d5	25.0	47.0	50.2 - 113	6.179	5.90225	0.2768	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	39.8	39.9 - 105	7.864	7.53975	0.3243	+/-1.00	*
SURR: 2,4,6-Tribromophenol	50.0	49.3	39.3 - 151	9.799	9.4755	0.3235	+/-1.00	
SURR: Terphenyl-d14	25.0	48.8	30.7 - 106	13.304	12.874	0.4300	+/-1.00	
FB-2 (25E0212-13)			Lab File ID: E900326980.D		Analyzed: 05/13/25 12:00			
SURR: 2-Fluorophenol	50.0	24.2	19.7 - 63.1	4.68	4.371625	0.3084	+/-1.00	
SURR: Phenol-d6	50.0	11.2	10.1 - 41.7	5.423	5.1285	0.2945	+/-1.00	
SURR: Nitrobenzene-d5	25.0	49.4	50.2 - 113	6.191	5.90225	0.2887	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	35.6	39.9 - 105	7.876	7.53975	0.3363	+/-1.00	*
SURR: 2,4,6-Tribromophenol	50.0	44.4	39.3 - 151	9.811	9.4755	0.3355	+/-1.00	
SURR: Terphenyl-d14	25.0	49.6	30.7 - 106	13.31	12.874	0.4360	+/-1.00	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50791	Laboratory ID:	BE50791-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	25.0	10.3	41.3	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	9.06	36.2	26 - 120
2,3,4,6-Tetrachlorophenol	25.0	12.6	50.6	30 - 130
2,4,5-Trichlorophenol	25.0	11.2	44.8	32 - 114
2,4,6-Trichlorophenol	25.0	11.8	47.3	35 - 118
2,4-Dichlorophenol	25.0	11.0	44.0	25 - 116
2,4-Dimethylphenol	25.0	11.1	44.5	15 - 116
2,4-Dinitrophenol	25.0	8.63	34.5	10 - 170
2,4-Dinitrotoluene	25.0	13.9	55.6	41 - 128
2,6-Dinitrotoluene	25.0	13.5	54.1	45 - 116
2-Chloronaphthalene	25.0	9.78	39.1	33 - 112
2-Chlorophenol	25.0	9.72	38.9	15 - 120
2-Methylnaphthalene	25.0	8.92	35.7	24 - 118
2-Methylphenol	25.0	8.93	35.7	10 - 110
2-Nitroaniline	25.0	12.8	51.4	34 - 129
2-Nitrophenol	25.0	12.1	48.4	28 - 118
3- & 4-Methylphenols	25.0	7.13	28.5	10 - 107
3,3-Dichlorobenzidine	25.0	6.70	26.8	15 - 187
3-Nitroaniline	25.0	9.14	36.6	24 - 134
4,6-Dinitro-2-methylphenol	25.0	15.0	60.1	10 - 153
4-Bromophenyl phenyl ether	25.0	10.7	42.8	34 - 120
4-Chloro-3-methylphenol	25.0	13.3	53.1	20 - 120
4-Chloroaniline	25.0	6.74	27.0	10 - 147
4-Chlorophenyl phenyl ether	25.0	11.4	45.7	27 - 121
4-Nitroaniline	25.0	11.6	46.2	13 - 134
4-Nitrophenol	25.0	ND	0 *	10 - 131
Acetophenone	25.0	11.5	45.8	25 - 110
Benzaldehyde	25.0	11.6	46.3	29 - 117
Benzyl butyl phthalate	25.0	12.0	47.9	29 - 133
Bis(2-chloroethoxy)methane	25.0	11.5	46.0	10 - 154

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50791	Laboratory ID:	BE50791-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bis(2-chloroethyl)ether	25.0	10.4	41.8	17 - 125
Bis(2-chloroisopropyl)ether	25.0	11.5	45.9	10 - 139
Caprolactam	25.0	2.55	10.2	10 - 137
Carbazole	25.0	9.87	39.5 *	42 - 126
Dibenzofuran	25.0	10.1	40.3	36 - 113
Diethyl phthalate	25.0	12.2	49.0	38 - 115
Dimethyl phthalate	25.0	12.1	48.4	38 - 129
Di-n-butyl phthalate	25.0	11.5	46.0	31 - 120
Di-n-octyl phthalate	25.0	12.6	50.2	21 - 149
Hexachlorocyclopentadiene	25.0	6.40	25.6	10 - 130
Isophorone	25.0	12.5	50.0	25 - 127
N-nitroso-di-n-propylamine	25.0	10.8	43.2	26 - 122
N-Nitrosodiphenylamine	25.0	12.8	51.3	23 - 149
Phenol	25.0	4.30	17.2	10 - 110
Pyridine	35.0	2.64	7.54 *	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50003
Instrument: MSBNA9
Calibration Date: 04/30/25 00:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5595889	7.759765	7.644667	2.677071E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4195871	8.788715	7.372	4.338161E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2492986	8.173658	6.46	4.421301E-02			20	
1,2-Dichlorobenzene	1.457906	7.922922	5.589	0.0589395			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.718042	10.20995	9.302125	4.651792E-02			20	
1,3-Dichlorobenzene	1.491962	7.326691	5.388833	1.503907E-02			20	
1,4-Dichlorobenzene	1.571514	7.875262	5.429	1.855162E-02			20	
1-Methylnaphthalene	0.5611563	6.207891	7.275333	3.222135E-02			20	
2,3,4,6-Tetrachlorophenol	0.1322765	11.56213	8.83125	3.550337E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3303443	11.69538	7.515125	3.008114E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3032753	11.19009	7.46975	2.172638E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2380838	8.887921	6.37875	0.0399503			SPCC (0.2)	
2,4-Dimethylphenol	0.2790796	7.085002	6.186375	3.699427E-02			SPCC (0.2)	
2,4-Dinitrophenol	9.174677E-02	25.58228	8.4525	4.707102E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3264986	12.9264	8.648	5.557219E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2398993	12.96253	8.134667	5.678131E-02			SPCC (0.2)	
2-Chloronaphthalene	1.07902	7.155958	7.679	3.115233E-02			SPCC (0.8)	
2-Chlorophenol	1.425633	9.378195	5.268125	4.441958E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6563344	6.324726	7.161	1.446444E-02			SPCC (0.4)	
2-Methylphenol	1.100148	8.096807	5.62925	5.654376E-02			SPCC (0.7)	
2-Nitroaniline	0.3620953	11.02573	7.827667	5.670732E-02			SPCC (0.01)	
2-Nitrophenol	0.1476093	12.54649	6.187625	4.329681E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.679292	8.306242	5.7445	4.531983E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5265872	22.29486	15.05117	3.812924E-02			SPCC (0.01)	*
3-Nitroaniline	0.3182817	9.952678	8.326167	6.046322E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	6.659178E-02	27.24761	9.235875	6.708631E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.199456	5.09361	9.708666	2.960111E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.2746071	8.071607	6.99475	4.148202E-02			SPCC (0.2)	
4-Chloroaniline	0.4213167	6.575656	6.582	4.659539E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.5474226	7.206317	9.067	3.956166E-02			SPCC (0.4)	
4-Nitroaniline	0.3319042	9.89231	9.195	0.1094852			SPCC (0.01)	
4-Nitrophenol	0.2213989	16.41403	8.483125	9.866178E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50003
Instrument: MSBNA9
Calibration Date: 04/30/25 00:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.156981	6.597927	8.410834	4.336979E-02			SPCC (0.9)	
Acenaphthylene	1.791103	7.259456	8.18	4.140218E-02			SPCC (0.9)	
Acetophenone	1.959731	7.659134	5.766	4.95947E-03			SPCC (0.01)	
Alpha Terpineol	0.1871536	6.480009	6.485	4.875775E-02			20	
Aniline	2.074763	7.056469	5.179	1.618054E-02			SPCC ()	
Anthracene	1.158237	6.066411	10.342	3.106273E-02			SPCC (0.7)	
Atrazine	0.2059226	8.334972	9.918833	6.097819E-02			SPCC (0.01)	
Benzaldehyde	0.9787886	13.26436	5.069	1.843853E-02			SPCC (0.01)	
Benzidine	0.6797686	34.08977	12.406	4.306748E-02			20	*
Benzo(a)anthracene	1.199277	5.96139	15.00883	4.043528E-02			SPCC (0.8)	
Benzo(a)pyrene	1.211807	7.611429	17.94667	4.769433E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.21867	7.322529	17.30333	6.602682E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	0.998463	6.973292	20.47367	8.487855E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.291704	7.193459	17.35367	6.784532E-02			SPCC (0.7)	
Benzoic acid	0.2340385	7.792335	6.280667	0.3700798			20	
Benzyl alcohol	1.002339	6.427985	5.536	5.368135E-02			20	
Benzyl butyl phthalate	0.6265626	7.407516	13.98	2.239314E-02			20	
Bis(2-chloroethoxy)methane	0.3758466	7.778638	6.272	8.473115E-03			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.387648	7.370875	5.214	1.119302E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	0.9102365	7.499131	5.655	4.231112E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.936518	6.442378	15.304	2.795555E-02			20	
Caprolactam	8.954573E-02	12.4156	6.898667	0.2163085			SPCC (0.01)	
Carbazole	1.181991	6.511182	10.559	4.574329E-02			SPCC (0.01)	
Chrysene	1.218182	5.414598	15.10467	5.488608E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.076756	8.065094	20.04667	5.418219E-02			SPCC (0.4)	
Dibenzofuran	1.561222	6.515908	8.611	4.388943E-02			SPCC (0.8)	
Diethyl phthalate	1.343797	6.645537	8.942333	5.305948E-02			SPCC (0.01)	
Dimethyl phthalate	1.295895	6.763076	8.023	4.347862E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.42797	8.879851	11.114	1.583287E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.595866	7.671191	16.629	1.953382E-02			SPCC (0.01)	
Diphenylamine	0.5407461	6.048393	9.256	5.306693E-02			20	
Fluoranthene	1.211712	5.878227	12.131	0.0353687			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50003
Instrument: MSBNA9
Calibration Date: 04/30/25 00:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.326749	7.091483	9.103	4.649949E-02			SPCC (0.9)	
Hexachlorobenzene	0.1034441	5.499572	9.894666	2.900451E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1352771	8.109135	6.661	1.925549E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.2633008	10.49616	7.379	4.592692E-02			SPCC (0.05)	
Hexachloroethane	0.5801717	7.571526	5.842	1.474902E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	1.043702	6.916603	20.01067	6.311275E-02			SPCC (0.5)	
Isophorone	0.6459292	6.858282	6.099667	4.299616E-02			SPCC (0.4)	
Naphthalene	0.9942663	8.597065	6.522833	3.662419E-02			SPCC (0.7)	
Nitrobenzene	0.3185705	7.893438	5.917333	0.0173679			SPCC (0.2)	
N-Nitrosodimethylamine	0.975147	9.092575	3.255	7.220609E-02			20	
N-nitroso-di-n-propylamine	1.128886	6.574531	5.774	5.718862E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.1813112	5.477018	9.256167	6.499275E-02			SPCC (0.01)	
Parathion	0.1284006	17.76559	11.43183	3.749622E-02			20	
Pentachloronitrobenzene	8.777346E-02	11.06804	10.19583	4.166327E-02			20	
Pentachlorophenol	0.1267346	16.78434	10.0975	2.069264E-02			SPCC (0.05)	
Phenanthrene	1.150059	6.57298	10.28883	4.356285E-02			SPCC (0.7)	
Phenol	1.730066	10.82716	5.139625	0.0373282			SPCC (0.8)	
Pyrene	1.16912	6.119006	12.54367	3.609837E-02			SPCC (0.6)	
Pyridine	1.313632	8.977477	3.265833	0.3839306			20	
SURR: 2,4,6-Tribromophenol	9.336921E-02	10.78488	9.4755	2.984067E-02			20	
SURR: 2-Fluorobiphenyl	1.195701	10.46921	7.53975	2.633956E-02			20	
SURR: 2-Fluorophenol	1.358156	9.785177	4.371625	1.279855E-02			20	
SURR: Nitrobenzene-d5	0.3060173	8.598318	5.90225	5.176135E-02			20	
SURR: Phenol-d6	1.748676	8.714208	5.1285	5.361634E-02			20	
SURR: Terphenyl-d14	0.8708193	9.624971	12.874	3.650401E-02			20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	MSBNA9	Calibration:	SE50003
Lab File ID:	E900326974.D	Calibration Date:	04/30/25 00:13
Sequence:	S5E1412	Injection Date:	05/13/25
Lab Sample ID:	S5E1412-CCV1	Injection Time:	08:56

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	30.7	0.5595889	0.5720268	0.01	2.2	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	30.7	0.4195871	0.4298464	0.01	2.4	20	
2,3,4,6-Tetrachlorophenol	A	30.0	29.5	0.1322765	0.1302259	0.01	-1.6	20	
2,4,5-Trichlorophenol	A	30.0	31.5	0.3303443	0.3469359	0.2	5.0	20	
2,4,6-Trichlorophenol	A	30.0	30.2	0.3032753	0.3049541	0.2	0.6	20	
2,4-Dichlorophenol	A	30.0	27.4	0.2380838	0.2176818	0.2	-8.6	20	
2,4-Dimethylphenol	A	30.0	28.7	0.2790796	0.2672005	0.2	-4.3	20	
2,4-Dinitrophenol	A	30.0	23.2	9.174677E-02	7.082402E-02	0.01	-22.8	20	*
2,4-Dinitrotoluene	A	30.0	35.1	0.3264986	0.3815923	0.2	16.9	20	
2,6-Dinitrotoluene	A	30.0	34.7	0.2398993	0.277605	0.2	15.7	20	
2-Chloronaphthalene	A	30.0	30.0	1.07902	1.078864	0.8	-0.01	20	
2-Chlorophenol	A	30.0	28.6	1.425633	1.357293	0.8	-4.8	20	
2-Methylnaphthalene	A	30.0	26.7	0.6563344	0.5834376	0.4	-11.1	20	
2-Methylphenol	A	30.0	29.3	1.100148	1.073584	0.7	-2.4	20	
2-Nitroaniline	A	30.0	32.0	0.3620953	0.3858939	0.01	6.6	20	
2-Nitrophenol	A	30.0	32.0	0.1476093	0.1574786	0.1	6.7	20	
3- & 4-Methylphenols	A	30.0	29.1	1.679292	1.626999	0.6	-3.1	20	
3,3-Dichlorobenzidine	A	30.0	27.0	0.5265872	0.4748249	0.01	-9.8	20	
3-Nitroaniline	A	30.0	31.2	0.3182817	0.3309705	0.01	4.0	20	
4,6-Dinitro-2-methylphenol	A	30.0	46.5	6.659178E-02	0.1032854	0.01	55.1	20	*
4-Bromophenyl phenyl ether	A	30.0	31.3	0.199456	0.2078255	0.1	4.2	20	
4-Chloro-3-methylphenol	A	30.0	28.7	0.2746071	0.2626705	0.2	-4.3	20	
4-Chloroaniline	A	30.0	25.8	0.4213167	0.3625863	0.01	-13.9	20	
4-Chlorophenyl phenyl ether	A	30.0	30.8	0.5474226	0.5621236	0.4	2.7	20	
4-Nitroaniline	A	30.0	31.9	0.3319042	0.3525469	0.01	6.2	20	
4-Nitrophenol	A	30.0	26.1	0.2213989	0.1926816	0.01	-13.0	20	
Acetophenone	A	30.0	30.0	1.959731	1.960774	0.01	0.05	20	
Benzaldehyde	A	30.0	27.8	0.9787886	0.908712	0.01	-7.2	20	
Benzyl butyl phthalate	A	30.0	30.0	0.6265626	0.6260031		-0.09	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	MSBNA9	Calibration:	SE50003
Lab File ID:	E900326974.D	Calibration Date:	04/30/25 00:13
Sequence:	S5E1412	Injection Date:	05/13/25
Lab Sample ID:	S5E1412-CCV1	Injection Time:	08:56

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Bis(2-chloroethoxy)methane	A	30.0	27.1	0.3758466	0.3392438	0.3	-9.7	20
Bis(2-chloroethyl)ether	A	30.0	29.1	1.387648	1.34436	0.7	-3.1	20
Bis(2-chloroisopropyl)ether	A	30.0	31.4	0.9102365	0.9513271	0.01	4.5	20
Caprolactam	A	30.0	35.1	8.954573E-02	0.1048211	0.01	17.1	20
Carbazole	A	30.0	27.7	1.181991	1.091761	0.01	-7.6	20
Dibenzofuran	A	30.0	28.4	1.561222	1.475723	0.8	-5.5	20
Diethyl phthalate	A	30.0	29.4	1.343797	1.315831	0.01	-2.1	20
Dimethyl phthalate	A	30.0	29.2	1.295895	1.260195	0.01	-2.8	20
Di-n-butyl phthalate	A	30.0	31.0	1.42797	1.473593	0.01	3.2	20
Di-n-octyl phthalate	A	30.0	31.5	1.595866	1.674493	0.01	4.9	20
Hexachlorocyclopentadiene	A	30.0	33.5	0.2633008	0.2942648	0.05	11.8	20
Isophorone	A	30.0	28.8	0.6459292	0.6209167	0.4	-3.9	20
N-nitroso-di-n-propylamine	A	30.0	28.8	1.128886	1.084632	0.5	-3.9	20
N-Nitrosodiphenylamine	A	30.0	32.8	0.1813112	0.1981114	0.01	9.3	20
Phenol	A	30.0	31.3	1.730066	1.803473	0.8	4.2	20
Pyridine	A	30.0	31.1	1.313632	1.359935		3.5	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC SIM Data Section

ALPHA GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles Data
for York Analytical Laboratories, Inc., SDG: 25E0212

1 Field Blank*
Collected May 5, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: The sample was extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for hexachlorobenzene, hexachlorobutadiene, hexachloroethane, nitrobenzene. and pentachlorophenol were above the allowable maximum (20%) on 05-12-25 (SV503302.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported samples.

Laboratory Control Sample: The percent recoveries (%Rs) for hexachloroethane and pentachlorophenol were above QC limits for aqueous sample BE50792-BS2. Positive results for these compounds should be considered estimated, biased high (J+) in the associated aqueous samples.

The %Rs for hexachlorobutadiene and n-nitrosodimethylamine were below QC limits and below 30% for aqueous sample BE50792-BS2. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in the associated aqueous samples.

Compound ID: Checked compound results were within GC quantitation limits.

* - This data is not applicable to the soil samples.

z:\projects\2025\25600 - 25620\25615-30-32 38th ave\task 1 dusr\temp-review\corrections made 2025\25e0212.sim.docx

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50792	Laboratory ID:	BE50792-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.540	54.0	25 - 116
Acenaphthylene	1.00	0.600	60.0	26 - 116
Anthracene	1.00	0.560	56.0	25 - 123
Benzo(a)anthracene	1.00	0.600	60.0	33 - 125
Benzo(a)pyrene	1.00	0.590	59.0	32 - 132
Benzo(b)fluoranthene	1.00	0.640	64.0	22 - 137
Benzo(g,h,i)perylene	1.00	0.710	71.0	10 - 138
Benzo(k)fluoranthene	1.00	0.610	61.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	0.650	65.0	10 - 189
Chrysene	1.00	0.590	59.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.670	67.0	16 - 133
Fluoranthene	1.00	0.640	64.0	32 - 121
Fluorene	1.00	0.600	60.0	28 - 118
Hexachlorobenzene	1.00	0.640	64.0	23 - 124
Hexachlorobutadiene	1.00	ND	0 *	15 - 123
Hexachloroethane	1.00	2.57	257 *	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.660	66.0	15 - 135
Naphthalene	1.00	0.540	54.0	18 - 120
Nitrobenzene	1.00	0.290	29.0	21 - 121
N-Nitrosodimethylamine	1.00	ND	0 *	10 - 124
Pentachlorophenol	1.00	2.76	276 *	10 - 156
Phenanthrene	1.00	0.600	60.0	24 - 127
Pyrene	1.00	0.610	61.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #5	Calibration:	SE50006
Lab File ID:	SV503302.D	Calibration Date:	05/06/25 13:21
Sequence:	S5E1313	Injection Date:	05/12/25
Lab Sample ID:	S5E1313-CCV1	Injection Time:	08:51

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acenaphthene	A	1.00	1.07	0.9153617	0.9783567		6.9	30	
Acenaphthylene	A	1.00	1.06	1.406591	1.494834		6.3	30	
Anthracene	A	1.00	1.08	0.9471937	1.02258		8.0	30	
Atrazine	A	2.50	2.69	0.1945444	0.2089804		7.4	30	
Benzo(a)anthracene	A	1.00	0.990	1.232657	1.214999		-1.4	30	
Benzo(a)pyrene	A	1.00	1.00	1.001643	1.005234		0.4	30	
Benzo(b)fluoranthene	A	1.00	1.07	1.045951	1.123016		7.4	30	
Benzo(g,h,i)perylene	A	1.00	1.07	1.024862	1.097597		7.1	30	
Benzo(k)fluoranthene	A	1.00	1.12	1.115427	1.251803		12.2	30	
Bis(2-ethylhexyl)phthalate	A	2.50	2.80	0.8891848	0.9966485		12.1	30	
Chrysene	A	1.00	1.06	1.128649	1.196962		6.1	30	
Dibenzo(a,h)anthracene	A	1.00	1.06	1.039111	1.100407		5.9	30	
Fluoranthene	A	1.00	1.07	1.034931	1.106877		7.0	30	
Fluorene	A	1.00	1.11	1.106709	1.226686		10.8	30	
Hexachlorobenzene	A	0.100	0.120	0.1807254	0.2181923		20.7	30	
Hexachlorobutadiene	A	2.50	3.12	0.1403814	0.1754262		25.0	30	
Hexachloroethane	A	2.50	3.16	5.257553E-02	6.650431E-02		26.5	30	
Indeno(1,2,3-cd)pyrene	A	1.00	1.06	1.242507	1.31501		5.8	30	
Naphthalene	A	1.00	1.12	0.8639774	0.9681173		12.1	30	
Nitrobenzene	A	2.50	1.52	0.7612535	0.9246337		21.5	30	
N-Nitrosodimethylamine	A	2.50	2.99	0.3891554	0.4661007		19.8	30	
Pentachlorophenol	A	1.50	4.53	1.916425E-02	0.0578988		202	30	*
Phenanthrene	A	1.00	1.04	0.9391124	0.977695		4.1	30	
Pyrene	A	1.00	1.06	1.288924	1.371605		6.4	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane Data
for York Analytical Laboratories, Inc., SDG: 25E0212

15 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 5, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analyses of the method and field blanks reported 1,4-dioxane as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: The surrogate recoveries for 25SB-5 (3-5) and 25SB-5 (11-13) were above QC limits. These samples reported 1,4-dioxane as "not detected"; therefore, no action is taken.

Laboratory Control Sample: The percent recoveries for 1,4-dioxane were within QC limits for soil samples BE50803-BS1 and BE50818-BS1 and aqueous sample BE50837-BS1.

Field Duplicates: The analyses of soil field duplicate pair 25SB-12 (11-13)/25-SB-DUP-2 (11-13) reported 1,4-dioxane as not detected; therefore, a valid relative percent difference could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogate results were within quantitation limits. The analyses of the soil samples reported 1,4-dioxane as not detected.

z:\projects\2025\25600 - 25620\25615-30-32 38th ave\task 1 dusr\temp-review\corrections made 2025\25e0212.dix.docx

Pesticide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8081B Pesticide Data for
York Analytical Laboratories, Inc., SDG: 25E0212

15 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 5, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target pesticides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both column for the soil samples and field blank.

Laboratory Control Sample: The percent recoveries (%Rs) for target pesticides were within QC limits on both columns for soil samples BE50846-BS1 and BE50871-BS1, and aqueous sample BE50692-BS1.

Field Duplicates: The analyses of soil field duplicate pair 25SB-12 (11-13)/25-SB-DUP-2 (11-13) reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The %RSDs for target pesticides were below the allowable maximum (20%) or the Quad CODs were above the allowable minimum (0.99) for both columns, as required.

Continuing Calibration: The %D for total chlordane was above the allowable maximum (20%) for the primary column on 05-09-25 (P7039326.D). The %D for alpha-BHC was above the allowable maximum (20%) for the primary column on 05-09-25 (P7039350.D). The %D for total chlordane was above the allowable maximum (20%) for the primary column on 05-12-25 (P7039356a.D). The %Ds for beta-BHC and delta-BHC were above the allowable maximum (20%) for the primary column on 05-12-25 (P7039373a.D). The %Ds for 6 pesticides (highlighted yellow on attached FORM VII)were above the allowable maximum (20%) for the primary column on 05-12-25 (P7039385.D). The %Ds for 6 pesticides (highlighted yellow on attached FORM VII)were above the allowable maximum (20%) for the primary column on 05-13-25 (P7039436.D). Positive results for these pesticides should be considered estimated (J) in associated samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (15%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: Checked surrogates were within GC quantitation limits. The analyses of the soil samples reported target single component pesticides as not detected.

Pesticide Identification Summary for Multicomponent Analytes: The analyses of the soil samples reported target multi-component pesticides as not detected.

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039326.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E0915	Injection Date:	05/09/25
Lab Sample ID:	S5E0915-CCV2	Injection Time:	09:05

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane, total	A	1000	1230	3040543	3439533		23.4	20 *
Chlordane, total [2C]	A	1000	1010	8469017	8537767		1.4	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039350.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E0915	Injection Date:	05/09/25
Lab Sample ID:	S5E0915-CCV6	Injection Time:	17:03

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4,4'-DDD	A	50.0	49.2	2.184794E+07	2.378E+07		-1.6	20	
4,4'-DDD [2C]	A	50.0	47.1	7.745723E+07	7.031E+07		-5.9		
4,4'-DDE	A	50.0	51.6	2.461848E+07	2.8916E+07		3.2	20	
4,4'-DDE [2C]	A	50.0	51.4	9.758929E+07	1.05734E+08		2.7		
4,4'-DDT	A	50.0	46.6	2.271917E+07	2.3998E+07		-6.8	20	
4,4'-DDT [2C]	A	50.0	47.2	7.615249E+07	7.8654E+07		-5.6		
Aldrin	A	50.0	59.7	2.775521E+07	3.5886E+07		19.3	20	
Aldrin [2C]	A	50.0	53.5	1.05626E+08	1.22134E+08		7.0		
alpha-BHC	A	50.0	61.1	2.810082E+07	3.8342E+07		22.2	20	*
alpha-BHC [2C]	A	50.0	49.9	1.258471E+08	1.47474E+08		-0.3		
alpha-Chlordane	A	50.0	53.6	2.746499E+07	3.0814E+07		7.3	20	
alpha-Chlordane [2C]	A	50.0	51.5	1.020132E+08	1.07788E+08		3.0		
beta-BHC	A	50.0	59.3	1.242262E+07	1.2846E+07		18.7	20	
beta-BHC [2C]	A	50.0	51.9	5.289692E+07	4.6852E+07		3.9		
delta-BHC	A	50.0	58.2	2.518083E+07	2.9096E+07		16.5	20	
delta-BHC [2C]	A	50.0	51.4	1.064157E+08	1.1006E+08		2.7		
Dieldrin	A	50.0	52.2	2.800974E+07	3.1354E+07		4.5	20	
Dieldrin [2C]	A	50.0	51.0	9.963262E+07	1.07844E+08		2.1	20	
Endosulfan I	A	50.0	55.0	2.528314E+07	2.846E+07		9.9	20	
Endosulfan I [2C]	A	50.0	51.6	9.325989E+07	9.3344E+07		3.3		
Endosulfan II	A	50.0	50.5	2.420524E+07	2.3652E+07		1.0	20	
Endosulfan II [2C]	A	50.0	51.2	9.103454E+07	8.4804E+07		2.4		
Endosulfan sulfate	A	50.0	50.4	2.488581E+07	2.319E+07		0.7	20	
Endosulfan sulfate [2C]	A	50.0	52.6	8.444262E+07	8.188E+07		5.3		
Endrin	A	50.0	48.3	2.517575E+07	2.6256E+07		-3.5	20	
Endrin [2C]	A	50.0	47.3	8.365401E+07	8.713E+07		-5.5		
Endrin aldehyde	A	50.0	55.0	2.05769E+07	1.7926E+07		9.9	20	
Endrin aldehyde [2C]	A	50.0	55.6	6.927807E+07	6.4438E+07		11.2		
Endrin ketone	A	50.0	48.7	2.850726E+07	2.6414E+07		-2.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039350.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E0915	Injection Date:	05/09/25
Lab Sample ID:	S5E0915-CCV6	Injection Time:	17:03

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin ketone [2C]	A	50.0	46.5	9.152917E+07	8.2624E+07		-7.0	
gamma-BHC (Lindane)	A	50.0	59.9	2.588258E+07	3.3892E+07		19.9	20
gamma-BHC (Lindane) [2C]	A	50.0	51.0	1.109909E+08	1.28482E+08		2.0	
gamma-Chlordane	A	50.0	54.1	2.737971E+07	3.167E+07		8.2	20
gamma-Chlordane [2C]	A	50.0	51.4	1.042658E+08	1.11442E+08		2.9	
Heptachlor	A	50.0	57.1	2.756628E+07	3.328E+07		14.2	20
Heptachlor [2C]	A	50.0	51.1	1.021474E+08	1.04786E+08		2.2	
Heptachlor epoxide	A	50.0	55.0	2.575345E+07	2.9262E+07		10.1	20
Heptachlor epoxide [2C]	A	50.0	50.9	9.114974E+07	9.6744E+07		1.9	
Methoxychlor	A	50.0	44.5	1.384338E+07	1.1846E+07		-11.1	20
Methoxychlor [2C]	A	50.0	47.4	4.179931E+07	3.8374E+07		-5.3	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039356a.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1339	Injection Date:	05/12/25
Lab Sample ID:	S5E1339-CCV2	Injection Time:	09:00

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane, total	A	1000	1240	3040543	3465200		24.0	20 *
Chlordane, total [2C]	A	1000	932	8469017	7859800		-6.8	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039373a.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1339	Injection Date:	05/12/25
Lab Sample ID:	S5E1339-CCV4	Injection Time:	14:46

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4,4'-DDD	A	50.0	48.9	2.184794E+07	2.363E+07		-2.2	20	
4,4'-DDD [2C]	A	50.0	43.4	7.745723E+07	6.4618E+07		-13.1	20	
4,4'-DDE	A	50.0	48.5	2.461848E+07	2.7146E+07		-3.0	20	
4,4'-DDE [2C]	A	50.0	44.7	9.758929E+07	9.1826E+07		-10.6	20	
4,4'-DDT	A	50.0	48.6	2.271917E+07	2.5046E+07		-2.8	20	
4,4'-DDT [2C]	A	50.0	43.4	7.615249E+07	7.2052E+07		-13.3	20	
Aldrin	A	50.0	55.1	2.775521E+07	3.3076E+07		10.2	20	
Aldrin [2C]	A	50.0	47.2	1.05626E+08	1.07654E+08		-5.6	20	
alpha-BHC	A	50.0	59.3	2.810082E+07	3.7176E+07		18.7	20	
alpha-BHC [2C]	A	50.0	45.7	1.258471E+08	1.35114E+08		-8.7	20	
alpha-Chlordane	A	50.0	50.6	2.746499E+07	2.9008E+07		1.2	20	
alpha-Chlordane [2C]	A	50.0	45.8	1.020132E+08	9.5414E+07		-8.5	20	
beta-BHC	A	50.0	61.1	1.242262E+07	1.3246E+07		22.2	20	*
beta-BHC [2C]	A	50.0	51.2	5.289692E+07	4.6134E+07		2.4	20	
delta-BHC	A	50.0	67.2	2.518083E+07	3.3922E+07		34.4	20	*
delta-BHC [2C]	A	50.0	54.9	1.064157E+08	1.18206E+08		9.8	20	
Dieldrin	A	50.0	50.4	2.800974E+07	3.0208E+07		0.7	20	
Dieldrin [2C]	A	50.0	47.2	9.963262E+07	9.962E+07		-5.7	20	
Endosulfan I	A	50.0	51.3	2.528314E+07	2.6562E+07		2.7	20	
Endosulfan I [2C]	A	50.0	46.6	9.325989E+07	8.4254E+07		-6.8	20	
Endosulfan II	A	50.0	49.4	2.420524E+07	2.3152E+07		-1.1	20	
Endosulfan II [2C]	A	50.0	46.2	9.103454E+07	7.6572E+07		-7.6	20	
Endosulfan sulfate	A	50.0	50.8	2.488581E+07	2.3412E+07		1.7	20	
Endosulfan sulfate [2C]	A	50.0	49.1	8.444262E+07	7.626E+07		-1.8	20	
Endrin	A	50.0	50.9	2.517575E+07	2.7732E+07		1.9	20	
Endrin [2C]	A	50.0	46.7	8.365401E+07	8.6178E+07		-6.5	20	
Endrin aldehyde	A	50.0	55.1	2.05769E+07	1.7978E+07		10.2	20	
Endrin aldehyde [2C]	A	50.0	51.7	6.927807E+07	5.974E+07		3.3	20	
Endrin ketone	A	50.0	48.6	2.850726E+07	2.6332E+07		-2.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039373a.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1339	Injection Date:	05/12/25
Lab Sample ID:	S5E1339-CCV4	Injection Time:	14:46

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin ketone [2C]	A	50.0	45.6	9.152917E+07	8.1018E+07		-8.8	20
gamma-BHC (Lindane)	A	50.0	58.8	2.588258E+07	3.3236E+07		17.6	20
gamma-BHC (Lindane) [2C]	A	50.0	46.7	1.109909E+08	1.17464E+08		-6.6	20
gamma-Chlordane	A	50.0	51.1	2.737971E+07	2.9856E+07		2.2	20
gamma-Chlordane [2C]	A	50.0	45.6	1.042658E+08	9.8424E+07		-8.8	20
Heptachlor	A	50.0	56.7	2.756628E+07	3.3008E+07		13.3	20
Heptachlor [2C]	A	50.0	47.3	1.021474E+08	9.699E+07		-5.3	20
Heptachlor epoxide	A	50.0	52.9	2.575345E+07	2.8106E+07		5.8	20
Heptachlor epoxide [2C]	A	50.0	47.6	9.114974E+07	9.037E+07		-4.8	20
Methoxychlor	A	50.0	48.3	1.384338E+07	1.2872E+07		-3.5	20
Methoxychlor [2C]	A	50.0	44.9	4.179931E+07	3.6394E+07		-10.2	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039385.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1339	Injection Date:	05/12/25
Lab Sample ID:	S5E1339-CCV5	Injection Time:	20:47

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4,4'-DDD	A	50.0	54.1	2.184794E+07	2.621E+07		8.2	20	
4,4'-DDD [2C]	A	50.0	47.9	7.745723E+07	7.1692E+07		-4.2	20	
4,4'-DDE	A	50.0	53.8	2.461848E+07	3.0198E+07		7.7	20	
4,4'-DDE [2C]	A	50.0	50.9	9.758929E+07	1.0479E+08		1.8	20	
4,4'-DDT	A	50.0	49.2	2.271917E+07	2.5358E+07		-1.6	20	
4,4'-DDT [2C]	A	50.0	43.6	7.615249E+07	7.2548E+07		-12.7	20	
Aldrin	A	50.0	60.6	2.775521E+07	3.6478E+07		21.2	20	*
Aldrin [2C]	A	50.0	52.3	1.05626E+08	1.19424E+08		4.6	20	
alpha-BHC	A	50.0	62.8	2.810082E+07	3.9468E+07		25.6	20	*
alpha-BHC [2C]	A	50.0	48.6	1.258471E+08	1.43868E+08		-2.7	20	
alpha-Chlordane	A	50.0	56.4	2.746499E+07	3.2444E+07		12.8	20	
alpha-Chlordane [2C]	A	50.0	51.4	1.020132E+08	1.07634E+08		2.9	20	
beta-BHC	A	50.0	65.8	1.242262E+07	1.4328E+07		31.6	20	*
beta-BHC [2C]	A	50.0	55.3	5.289692E+07	5.0054E+07		10.6	20	
delta-BHC	A	50.0	71.8	2.518083E+07	3.6404E+07		43.5	20	*
delta-BHC [2C]	A	50.0	58.4	1.064157E+08	1.26332E+08		16.8	20	
Dieldrin	A	50.0	55.9	2.800974E+07	3.361E+07		11.8	20	
Dieldrin [2C]	A	50.0	51.8	9.963262E+07	1.09568E+08		3.7	20	
Endosulfan I	A	50.0	58.3	2.528314E+07	3.0218E+07		16.6	20	
Endosulfan I [2C]	A	50.0	51.7	9.325989E+07	9.345E+07		3.4	20	
Endosulfan II	A	50.0	55.1	2.420524E+07	2.5858E+07		10.3	20	
Endosulfan II [2C]	A	50.0	52.5	9.103454E+07	8.7E+07		5.0	20	
Endosulfan sulfate	A	50.0	56.1	2.488581E+07	2.591E+07		12.2	20	
Endosulfan sulfate [2C]	A	50.0	53.9	8.444262E+07	8.3898E+07		7.8	20	
Endrin	A	50.0	53.2	2.517575E+07	2.9002E+07		6.4	20	
Endrin [2C]	A	50.0	49.4	8.365401E+07	9.1054E+07		-1.2	20	
Endrin aldehyde	A	50.0	60.2	2.05769E+07	1.9728E+07		20.4	20	*
Endrin aldehyde [2C]	A	50.0	57.0	6.927807E+07	6.6122E+07		14.0	20	
Endrin ketone	A	50.0	53.7	2.850726E+07	2.9196E+07		7.5	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039385.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1339	Injection Date:	05/12/25
Lab Sample ID:	S5E1339-CCV5	Injection Time:	20:47

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endrin ketone [2C]	A	50.0	50.2	9.152917E+07	8.9246E+07		0.4	20	
gamma-BHC (Lindane)	A	50.0	62.3	2.588258E+07	3.5304E+07		24.6	20	*
gamma-BHC (Lindane) [2C]	A	50.0	49.7	1.109909E+08	1.2518E+08		-0.6	20	
gamma-Chlordane	A	50.0	56.9	2.737971E+07	3.3368E+07		13.8	20	
gamma-Chlordane [2C]	A	50.0	51.4	1.042658E+08	1.11274E+08		2.7	20	
Heptachlor	A	50.0	59.8	2.756628E+07	3.4868E+07		19.6	20	
Heptachlor [2C]	A	50.0	50.9	1.021474E+08	1.04426E+08		1.8	20	
Heptachlor epoxide	A	50.0	57.9	2.575345E+07	3.0838E+07		15.9	20	
Heptachlor epoxide [2C]	A	50.0	52.1	9.114974E+07	9.9038E+07		4.3	20	
Methoxychlor	A	50.0	45.8	1.384338E+07	1.22E+07		-8.4	20	
Methoxychlor [2C]	A	50.0	43.7	4.179931E+07	3.5374E+07		-12.7	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039436.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1339	Injection Date:	05/13/25
Lab Sample ID:	S5E1339-CCV7	Injection Time:	12:12

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4,4'-DDD	A	50.0	51.2	2.184794E+07	2.4766E+07		2.4	20	
4,4'-DDD [2C]	A	50.0	47.1	7.745723E+07	7.0372E+07		-5.8	20	
4,4'-DDE	A	50.0	52.1	2.461848E+07	2.9208E+07		4.2	20	
4,4'-DDE [2C]	A	50.0	51.0	9.758929E+07	1.04996E+08		2.0	20	
4,4'-DDT	A	50.0	47.5	2.271917E+07	2.4438E+07		-5.1	20	
4,4'-DDT [2C]	A	50.0	48.3	7.615249E+07	8.0578E+07		-3.3	20	
Aldrin	A	50.0	60.5	2.775521E+07	3.6404E+07		21.0	20	*
Aldrin [2C]	A	50.0	53.3	1.05626E+08	1.21692E+08		6.6	20	
alpha-BHC	A	50.0	64.3	2.810082E+07	4.0464E+07		28.6	20	*
alpha-BHC [2C]	A	50.0	51.0	1.258471E+08	1.5077E+08		2.0	20	
alpha-Chlordane	A	50.0	55.3	2.746499E+07	3.1782E+07		10.6	20	
alpha-Chlordane [2C]	A	50.0	51.7	1.020132E+08	1.0812E+08		3.3	20	
beta-BHC	A	50.0	65.7	1.242262E+07	1.4312E+07		31.5	20	*
beta-BHC [2C]	A	50.0	56.1	5.289692E+07	5.0818E+07		12.2	20	
delta-BHC	A	50.0	68.5	2.518083E+07	3.4642E+07		37.1	20	*
delta-BHC [2C]	A	50.0	59.0	1.064157E+08	1.27674E+08		17.9	20	
Dieldrin	A	50.0	54.9	2.800974E+07	3.3E+07		9.8	20	
Dieldrin [2C]	A	50.0	53.0	9.963262E+07	1.11952E+08		5.9	20	
Endosulfan I	A	50.0	57.5	2.528314E+07	2.9804E+07		15.0	20	
Endosulfan I [2C]	A	50.0	52.2	9.325989E+07	9.4338E+07		4.4	20	
Endosulfan II	A	50.0	52.9	2.420524E+07	2.4784E+07		5.8	20	
Endosulfan II [2C]	A	50.0	52.4	9.103454E+07	8.6752E+07		4.7	20	
Endosulfan sulfate	A	50.0	53.5	2.488581E+07	2.4686E+07		7.0	20	
Endosulfan sulfate [2C]	A	50.0	53.8	8.444262E+07	8.3712E+07		7.6	20	
Endrin	A	50.0	55.0	2.517575E+07	2.9964E+07		9.9	20	
Endrin [2C]	A	50.0	51.6	8.365401E+07	9.503E+07		3.1	20	
Endrin aldehyde	A	50.0	53.5	2.05769E+07	1.7428E+07		7.0	20	
Endrin aldehyde [2C]	A	50.0	56.8	6.927807E+07	6.582E+07		13.5	20	
Endrin ketone	A	50.0	51.1	2.850726E+07	2.773E+07		2.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039436.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1339	Injection Date:	05/13/25
Lab Sample ID:	S5E1339-CCV7	Injection Time:	12:12

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endrin ketone [2C]	A	50.0	50.3	9.152917E+07	8.9526E+07		0.7	20	
gamma-BHC (Lindane)	A	50.0	63.7	2.588258E+07	3.6108E+07		27.4	20	*
gamma-BHC (Lindane) [2C]	A	50.0	52.3	1.109909E+08	1.3174E+08		4.5	20	
gamma-Chlordane	A	50.0	56.1	2.737971E+07	3.2852E+07		12.1	20	
gamma-Chlordane [2C]	A	50.0	51.9	1.042658E+08	1.1246E+08		3.8	20	
Heptachlor	A	50.0	61.6	2.756628E+07	3.5948E+07		23.2	20	*
Heptachlor [2C]	A	50.0	53.0	1.021474E+08	1.0873E+08		6.0	20	
Heptachlor epoxide	A	50.0	57.5	2.575345E+07	3.062E+07		15.1	20	
Heptachlor epoxide [2C]	A	50.0	52.0	9.114974E+07	9.883E+07		4.1	20	
Methoxychlor	A	50.0	47.7	1.384338E+07	1.2728E+07		-4.5	20	
Methoxychlor [2C]	A	50.0	47.4	4.179931E+07	3.8432E+07		-5.1	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8082A PCB Data for
York Analytical Laboratories, Inc., SDG: 25E0212

15 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 5, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both column for the soil samples and field blank.

Laboratory Control Sample: The percent recoveries for aroclor 1016 and aroclor 1260 were within QC limits on both columns for soil samples BE50844-BS2 and BE50870-BS2, and aqueous samples BE50688-BS2.

Field Duplicates: The analyses of soil field duplicate pair 25SB-12 (11-13)/25-SB-DUP-2 (11-13) reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The %RSDs for target aroclors were below the allowable maximum (20%) or the Quad CODs were above the allowable minimum (0.99) for both columns, as required.

Continuing Calibration: The average %Ds for target aroclors were below the allowable maximum (20%), as required.

PCB Identification Summary: Checked surrogate results were within GC quantitation limits. The analyses of the soil samples reported target compounds as not detected.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
York Analytical Laboratories, Inc., SDG: 25E0212

15 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 5, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The Quad COD for applicable PFAS were above the allowable minimum (0.995) and the %RSDs were below the allowable maximum (20%), as required.

Continuing Calibration: The %Ds for PFNS and PFDoS were above the allowable maximum (30%) on 05-08-25 (QQQ53157.d). Positive results for PFDoS should be considered estimated (J) in associated samples.

Blanks: Method blank BE50657-BLK1 contained PFDoS (0.196 ug/kg, PFTA (0.209 ug/kg), and PFTrDA (0.227 ug/kg). Positive results for these PFAS that are below the reporting limit (RL) should be reported as not detected (U) at the reporting limit in associated samples. Positive results for these PFAS that are above the RL and less than ten times the highest blank level should be considered estimated, biased high (J+) in associated samples.

Internal Standard Area Summary: The internal standard retention times were within control limits.

Surrogate Recovery: One of twenty-four surrogate recoveries for samples 25SB-12 (0-2), 25SB-12 (11-13), 25SB-9 (0-2), and FB-2 was above QC limits. Positive results associated with the surrogate above QC limits should be considered estimated (J) in the samples.

One of twenty-four surrogate recoveries for samples 25SB-12 (0-2), 25SB-12(11-13), 25SB-13 (0-2), 25SB-13 (13-15), and 25SB-9 (0-2) was below QC limits, but not below 10%. Positive and "not detected" results associated with the surrogate below QC limits should be considered estimated (J, UJ) in the sample.

One of twenty-four surrogate recoveries for samples 25SB-12 (3-5), 25SB-12 (11-13), 25SB-5 (0-2), 25SB-5 (3-5), 25SB-5 (11-13), 25-SB-DUP-2 (11-13), 25SB-13 (3-5), and FB-2 was below QC limits and below 10%. Positive results associated with the surrogate below QC limits should be considered estimated (J) and "not detected" results rejected, unusable (R) in the sample.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Laboratory Control Sample: The percent recoveries (%Rs) for 9CL-PF3ONS and PFDoS were below QC limits, but not below 10% for soil sample BE50397-BS2. The %Rs for 11CL-PF3OUdS, 9CL-PF3ONS, PFNS, and PFDoS were below QC limits, but not below 10% for soil sample BE50657-BS2. Positive results for these PFAS should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

The %Rs for PFMPA were below QC limits and below 10% for soil samples BE50397-BS2 and BE50657-BS2. Positive results for PFMPA should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated soil samples.

The %Rs for 9CL-PF3ONS, PFDS, and PFDoS were below QC limits, but not below 30% for aqueous sample BE50530-BS2. Positive results for these PFAS should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

The %R for PFMPA was below QC limits and below 30% for aqueous sample BE50530-BS2. Positive results for PFMPA should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

Field Duplicates: The analyses of soil field duplicate pair 25SB-12 (11-13)/25-SB-DUP-2 (11-13) reported target PFAS as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogate results were within LC quantitation limits. The analyses of the soil samples reported target PFAS as not detected.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0212

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E0835 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-12 (0-2) (25E0212-01)			Lab File ID: QQQ53138.d		Analyzed: 05/08/25 13:16			
M3PFBS	2.52	135	25 - 150	5.270233	5.288692	-0.0185	+/-1.00	
M5PFHxA	2.71	133	25 - 150	6.13005	6.127733	0.0023	+/-1.00	
M4PFHpA	2.71	107	25 - 150	6.975083	6.91665	0.0584	+/-1.00	
M3PFHxS	2.57	129	25 - 150	7.085117	7.015661	0.0695	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.71	137	25 - 150	7.66195	7.551858	0.1101	+/-1.00	
M6PFDA	1.35	120	25 - 150	8.76315	8.635862	0.1273	+/-1.00	
M7PFUdA	1.35	111	25 - 150	9.190033	9.086467	0.1036	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.35	86.5	25 - 150	9.568666	9.484887	0.0838	+/-1.00	
M2PFTeDA	1.35	93.5	10 - 150	10.17522	10.14503	0.0302	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.8	11.3	25 - 150	1.168083	1.191037	-0.0230	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.60	169	25 - 150	8.291367	8.156588	0.1348	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.42	101	25 - 150	4.375533	4.40081	-0.0253	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.71	122	10 - 150	9.324117	9.234681	0.0894	+/-1.00	
d3-N-MeFOSAA	5.42	102	25 - 150	8.96705	8.842819	0.1242	+/-1.00	
d5-N-EtFOSAA	5.42	117	25 - 150	9.179767	9.069258	0.1105	+/-1.00	
M2-6:2 FTS	5.15	114	25 - 200	7.60335	7.499358	0.1040	+/-1.00	
M2-8:2 FTS	5.20	105	25 - 200	8.734517	8.608047	0.1265	+/-1.00	
M9PFNA	1.35	115	25 - 150	8.24645	8.124177	0.1223	+/-1.00	
M2-4:2 FTS	5.08	123	25 - 150	6.064183	6.058031	0.0062	+/-1.00	
d-N-MeFOSA	2.71	73.6	25 - 150	10.1093	10.06877	0.0405	+/-1.00	
d-N-EtFOSA	2.71	82.4	25 - 150	10.35585	10.34068	0.0152	+/-1.00	
M3HFPO-DA	10.8	125	25 - 150	6.429667	6.405367	0.0243	+/-1.00	
d9-N-EtFOSE	27.1	91.5	25 - 150	10.32565	10.30358	0.0221	+/-1.00	
d7-N-MeFOSE	27.1	111	25 - 150	10.08648	10.04137	0.0451	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E0835
Instrument: LCQQQ
Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-12 (3-5) (25E0212-02)			Lab File ID: QQQ53139.d		Analyzed: 05/08/25 13:32			
M3PFBS	2.53	114	25 - 150	5.261	5.288692	-0.0277	+/-1.00	
M5PFHxA	2.72	129	25 - 150	6.130033	6.127733	0.0023	+/-1.00	
M4PFHpA	2.72	103	25 - 150	6.975083	6.91665	0.0584	+/-1.00	
M3PFHxS	2.58	116	25 - 150	7.085117	7.015661	0.0695	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.72	137	25 - 150	7.651217	7.551858	0.0994	+/-1.00	
M6PFDA	1.36	107	25 - 150	8.76315	8.635862	0.1273	+/-1.00	
M7PFUdA	1.36	99.4	25 - 150	9.190033	9.086467	0.1036	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.36	78.6	25 - 150	9.559417	9.484887	0.0745	+/-1.00	
M2PFTeDA	1.36	75.2	10 - 150	10.166	10.14503	0.0210	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.9	5.40	25 - 150	1.168083	1.191037	-0.0230	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.60	148	25 - 150	8.291367	8.156588	0.1348	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.44	34.8	25 - 150	4.375533	4.40081	-0.0253	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.72	132	10 - 150	9.324117	9.234681	0.0894	+/-1.00	
d3-N-MeFOSAA	5.44	96.0	25 - 150	8.957784	8.842819	0.1150	+/-1.00	
d5-N-EtFOSAA	5.44	107	25 - 150	9.179767	9.069258	0.1105	+/-1.00	
M2-6:2 FTS	5.17	101	25 - 200	7.60335	7.499358	0.1040	+/-1.00	
M2-8:2 FTS	5.22	83.1	25 - 200	8.72525	8.608047	0.1172	+/-1.00	
M9PFNA	1.36	122	25 - 150	8.24645	8.124177	0.1223	+/-1.00	
M2-4:2 FTS	5.10	113	25 - 150	6.05495	6.058031	-0.0031	+/-1.00	
d-N-MeFOSA	2.72	83.2	25 - 150	10.10007	10.06877	0.0313	+/-1.00	
d-N-EtFOSA	2.72	80.1	25 - 150	10.34663	10.34068	0.0059	+/-1.00	
M3HFPO-DA	10.9	126	25 - 150	6.420417	6.405367	0.0150	+/-1.00	
d9-N-EtFOSE	27.2	105	25 - 150	10.31643	10.30358	0.0129	+/-1.00	
d7-N-MeFOSE	27.2	119	25 - 150	10.07727	10.04137	0.0359	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0212

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E0835 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-12 (11-13) (25E0212-03)			Lab File ID: QQQ53140.d		Analyzed: 05/08/25 13:49			
M3PFBS	2.76	120	25 - 150	5.270267	5.288692	-0.0184	+/-1.00	
M5PFHxA	2.96	124	25 - 150	6.130067	6.127733	0.0023	+/-1.00	
M4PFHpA	2.96	96.7	25 - 150	6.975117	6.91665	0.0585	+/-1.00	
M3PFHxS	2.80	133	25 - 150	7.08515	7.015661	0.0695	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.96	141	25 - 150	7.661967	7.551858	0.1101	+/-1.00	
M6PFDA	1.48	133	25 - 150	8.763166	8.635862	0.1273	+/-1.00	
M7PFUdA	1.48	127	25 - 150	9.19005	9.086467	0.1036	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.48	100	25 - 150	9.5687	9.484887	0.0838	+/-1.00	
M2PFTeDA	1.48	94.1	10 - 150	10.17523	10.14503	0.0302	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.8	2.88	25 - 150	1.1589	1.191037	-0.0321	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.83	172	25 - 150	8.291384	8.156588	0.1348	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.92	24.0	25 - 150	4.375533	4.40081	-0.0253	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.96	143	10 - 150	9.32415	9.234681	0.0895	+/-1.00	
d3-N-MeFOSAA	5.92	113	25 - 150	8.957817	8.842819	0.1150	+/-1.00	
d5-N-EtFOSAA	5.92	123	25 - 150	9.1798	9.069258	0.1105	+/-1.00	
M2-6:2 FTS	5.63	117	25 - 200	7.603384	7.499358	0.1040	+/-1.00	
M2-8:2 FTS	5.68	96.9	25 - 200	8.725266	8.608047	0.1172	+/-1.00	
M9PFNA	1.48	122	25 - 150	8.25575	8.124177	0.1316	+/-1.00	
M2-4:2 FTS	5.55	125	25 - 150	6.054966	6.058031	-0.0031	+/-1.00	
d-N-MeFOSA	2.96	83.0	25 - 150	10.1001	10.06877	0.0313	+/-1.00	
d-N-EtFOSA	2.96	94.1	25 - 150	10.35587	10.34068	0.0152	+/-1.00	
M3HFPO-DA	11.8	113	25 - 150	6.4297	6.405367	0.0243	+/-1.00	
d9-N-EtFOSE	29.6	115	25 - 150	10.31647	10.30358	0.0129	+/-1.00	
d7-N-MeFOSE	29.6	138	25 - 150	10.08652	10.04137	0.0451	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0212

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E0835 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-13 (0-2) (25E0212-04)			Lab File ID: QQQ53141.d		Analyzed: 05/08/25 14:05			
M3PFBS	2.37	141	25 - 150	5.261017	5.288692	-0.0277	+/-1.00	
M5PFHxA	2.54	127	25 - 150	6.120817	6.127733	-0.0069	+/-1.00	
M4PFHpA	2.54	96.7	25 - 150	6.975083	6.91665	0.0584	+/-1.00	
M3PFHxS	2.41	136	25 - 150	7.085134	7.015661	0.0695	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.54	127	25 - 150	7.651233	7.551858	0.0994	+/-1.00	
M6PFDA	1.27	123	25 - 150	8.753883	8.635862	0.1180	+/-1.00	
M7PFUdA	1.27	95.2	25 - 150	9.190033	9.086467	0.1036	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.27	89.5	25 - 150	9.559433	9.484887	0.0745	+/-1.00	
M2PFTeDA	1.27	91.6	10 - 150	10.17523	10.14503	0.0302	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.2	10.5	25 - 150	1.1589	1.191037	-0.0321	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.43	150	25 - 150	8.291384	8.156588	0.1348	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.08	41.7	25 - 150	4.36635	4.40081	-0.0345	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.54	129	10 - 150	9.324133	9.234681	0.0895	+/-1.00	
d3-N-MeFOSAA	5.08	90.8	25 - 150	8.9578	8.842819	0.1150	+/-1.00	
d5-N-EtFOSAA	5.08	97.9	25 - 150	9.179783	9.069258	0.1105	+/-1.00	
M2-6:2 FTS	4.83	120	25 - 200	7.594083	7.499358	0.0947	+/-1.00	
M2-8:2 FTS	4.87	91.3	25 - 200	8.72525	8.608047	0.1172	+/-1.00	
M9PFNA	1.27	114	25 - 150	8.255733	8.124177	0.1316	+/-1.00	
M2-4:2 FTS	4.76	136	25 - 150	6.05495	6.058031	-0.0031	+/-1.00	
d-N-MeFOSA	2.54	74.1	25 - 150	10.10932	10.06877	0.0405	+/-1.00	
d-N-EtFOSA	2.54	78.3	25 - 150	10.35587	10.34068	0.0152	+/-1.00	
M3HFPO-DA	10.2	125	25 - 150	6.420417	6.405367	0.0150	+/-1.00	
d9-N-EtFOSE	25.4	95.3	25 - 150	10.32567	10.30358	0.0221	+/-1.00	
d7-N-MeFOSE	25.4	120	25 - 150	10.0865	10.04137	0.0451	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E0835
Instrument: LCQQQ
Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-13 (13-15) (25E0212-06)			Lab File ID: QQQ53143.d		Analyzed: 05/08/25 14:37			
M3PFBS	2.48	118	25 - 150	5.261017	5.288692	-0.0277	+/-1.00	
M5PFHxA	2.66	114	25 - 150	6.1208	6.127733	-0.0069	+/-1.00	
M4PFHpA	2.66	89.2	25 - 150	6.965833	6.91665	0.0492	+/-1.00	
M3PFHxS	2.52	112	25 - 150	7.075867	7.015661	0.0602	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.66	117	25 - 150	7.651233	7.551858	0.0994	+/-1.00	
M6PFDA	1.33	111	25 - 150	8.763166	8.635862	0.1273	+/-1.00	
M7PFUdA	1.33	98.0	25 - 150	9.19005	9.086467	0.1036	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.33	83.4	25 - 150	9.559433	9.484887	0.0745	+/-1.00	
M2PFTeDA	1.33	75.7	10 - 150	10.16602	10.14503	0.0210	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.6	12.0	25 - 150	1.168083	1.191037	-0.0230	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.55	139	25 - 150	8.282117	8.156588	0.1255	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.32	78.4	25 - 150	4.375533	4.40081	-0.0253	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.66	112	10 - 150	9.314883	9.234681	0.0802	+/-1.00	
d3-N-MeFOSAA	5.32	85.6	25 - 150	8.9578	8.842819	0.1150	+/-1.00	
d5-N-EtFOSAA	5.32	88.0	25 - 150	9.170517	9.069258	0.1013	+/-1.00	
M2-6:2 FTS	5.06	98.3	25 - 200	7.594067	7.499358	0.0947	+/-1.00	
M2-8:2 FTS	5.11	76.6	25 - 200	8.725266	8.608047	0.1172	+/-1.00	
M9PFNA	1.33	106	25 - 150	8.246467	8.124177	0.1223	+/-1.00	
M2-4:2 FTS	4.99	110	25 - 150	6.05495	6.058031	-0.0031	+/-1.00	
d-N-MeFOSA	2.66	69.2	25 - 150	10.10008	10.06877	0.0313	+/-1.00	
d-N-EtFOSA	2.66	75.0	25 - 150	10.34665	10.34068	0.0060	+/-1.00	
M3HFPO-DA	10.6	114	25 - 150	6.420417	6.405367	0.0150	+/-1.00	
d9-N-EtFOSE	26.6	87.4	25 - 150	10.31645	10.30358	0.0129	+/-1.00	
d7-N-MeFOSE	26.6	92.3	25 - 150	10.07728	10.04137	0.0359	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0212

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E0835 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-9 (0-2) (25E0212-07)			Lab File ID: QQQ53146.d		Analyzed: 05/08/25 15:25			
M3PFBS	2.61	125	25 - 150	5.261017	5.288692	-0.0277	+/-1.00	
M5PFHxA	2.80	127	25 - 150	6.111583	6.127733	-0.0161	+/-1.00	
M4PFHpA	2.80	95.7	25 - 150	6.965833	6.91665	0.0492	+/-1.00	
M3PFHxS	2.65	119	25 - 150	7.075883	7.015661	0.0602	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.80	129	25 - 150	7.641967	7.551858	0.0901	+/-1.00	
M6PFDA	1.40	133	25 - 150	8.7539	8.635862	0.1180	+/-1.00	
M7PFUdA	1.40	112	25 - 150	9.180783	9.086467	0.0943	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.40	86.5	25 - 150	9.559433	9.484887	0.0745	+/-1.00	
M2PFTeDA	1.40	98.3	10 - 150	10.16603	10.14503	0.0210	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.2	10.9	25 - 150	1.1681	1.191037	-0.0229	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.68	157	25 - 150	8.27285	8.156588	0.1163	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.60	102	25 - 150	4.384733	4.40081	-0.0161	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.80	123	10 - 150	9.314883	9.234681	0.0802	+/-1.00	
d3-N-MeFOSAA	5.60	80.8	25 - 150	8.94775	8.842819	0.1049	+/-1.00	
d5-N-EtFOSAA	5.60	93.4	25 - 150	9.170517	9.069258	0.1013	+/-1.00	
M2-6:2 FTS	5.32	107	25 - 200	7.594083	7.499358	0.0947	+/-1.00	
M2-8:2 FTS	5.37	77.3	25 - 200	8.716	8.608047	0.1080	+/-1.00	
M9PFNA	1.40	121	25 - 150	8.2372	8.124177	0.1130	+/-1.00	
M2-4:2 FTS	5.25	117	25 - 150	6.045733	6.058031	-0.0123	+/-1.00	
d-N-MeFOSA	2.80	70.5	25 - 150	10.1001	10.06877	0.0313	+/-1.00	
d-N-EtFOSA	2.80	73.0	25 - 150	10.35587	10.34068	0.0152	+/-1.00	
M3HFPO-DA	11.2	124	25 - 150	6.411167	6.405367	0.0058	+/-1.00	
d9-N-EtFOSE	28.0	105	25 - 150	10.31647	10.30358	0.0129	+/-1.00	
d7-N-MeFOSE	28.0	114	25 - 150	10.07728	10.04137	0.0359	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E0835
Instrument: LCQQQ
Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-5 (0-2) (25E0212-15)			Lab File ID: QQQ53153.d		Analyzed: 05/08/25 17:18			
M3PFBS	2.42	118	25 - 150	5.242567	5.288692	-0.0461	+/-1.00	
M5PFHxA	2.60	123	25 - 150	6.102334	6.127733	-0.0254	+/-1.00	
M4PFHpA	2.60	92.8	25 - 150	6.9473	6.91665	0.0307	+/-1.00	
M3PFHxS	2.46	117	25 - 150	7.066617	7.015661	0.0510	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.60	130	25 - 150	7.632667	7.551858	0.0808	+/-1.00	
M6PFDA	1.30	111	25 - 150	8.735333	8.635862	0.0995	+/-1.00	
M7PFUdA	1.30	90.3	25 - 150	9.162233	9.086467	0.0758	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.30	78.7	25 - 150	9.540916	9.484887	0.0560	+/-1.00	
M2PFTeDA	1.30	72.9	10 - 150	10.15678	10.14503	0.0117	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.4	7.23	25 - 150	1.149733	1.191037	-0.0413	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.49	148	25 - 150	8.2632	8.156588	0.1066	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.19	78.9	25 - 150	4.35715	4.40081	-0.0437	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.60	122	10 - 150	9.305533	9.234681	0.0709	+/-1.00	
d3-N-MeFOSAA	5.19	85.4	25 - 150	8.93845	8.842819	0.0956	+/-1.00	
d5-N-EtFOSAA	5.19	93.1	25 - 150	9.151783	9.069258	0.0825	+/-1.00	
M2-6:2 FTS	4.94	103	25 - 200	7.5755	7.499358	0.0761	+/-1.00	
M2-8:2 FTS	4.98	79.4	25 - 200	8.7067	8.608047	0.0987	+/-1.00	
M9PFNA	1.30	104	25 - 150	8.218634	8.124177	0.0945	+/-1.00	
M2-4:2 FTS	4.87	107	25 - 150	6.036483	6.058031	-0.0215	+/-1.00	
d-N-MeFOSA	2.60	65.4	25 - 150	10.09085	10.06877	0.0221	+/-1.00	
d-N-EtFOSA	2.60	66.6	25 - 150	10.33742	10.34068	-0.0033	+/-1.00	
M3HFPO-DA	10.4	112	25 - 150	6.401883	6.405367	-0.0035	+/-1.00	
d9-N-EtFOSE	26.0	81.8	25 - 150	10.30723	10.30358	0.0037	+/-1.00	
d7-N-MeFOSE	26.0	96.6	25 - 150	10.06803	10.04137	0.0267	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E0835
Instrument: LCQQQ
Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-5 (3-5) (25E0212-16)			Lab File ID: QQQ53154.d		Analyzed: 05/08/25 17:34			
M3PFBS	2.46	109	25 - 150	5.24255	5.288692	-0.0461	+/-1.00	
M5PFHxA	2.64	117	25 - 150	6.102334	6.127733	-0.0254	+/-1.00	
M4PFHpA	2.64	89.9	25 - 150	6.947317	6.91665	0.0307	+/-1.00	
M3PFHxS	2.50	100	25 - 150	7.057384	7.015661	0.0417	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.64	125	25 - 150	7.632683	7.551858	0.0808	+/-1.00	
M6PFDA	1.32	108	25 - 150	8.73535	8.635862	0.0995	+/-1.00	
M7PFUdA	1.32	93.9	25 - 150	9.1715	9.086467	0.0850	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.32	71.4	25 - 150	9.540934	9.484887	0.0560	+/-1.00	
M2PFTeDA	1.32	69.5	10 - 150	10.1475	10.14503	0.0025	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.5	5.89	25 - 150	1.149733	1.191037	-0.0413	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.52	139	25 - 150	8.2632	8.156588	0.1066	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.27	64.5	25 - 150	4.34795	4.40081	-0.0529	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.64	107	10 - 150	9.30555	9.234681	0.0709	+/-1.00	
d3-N-MeFOSAA	5.27	78.6	25 - 150	8.929183	8.842819	0.0864	+/-1.00	
d5-N-EtFOSAA	5.27	82.8	25 - 150	9.151783	9.069258	0.0825	+/-1.00	
M2-6:2 FTS	5.01	98.9	25 - 200	7.575517	7.499358	0.0762	+/-1.00	
M2-8:2 FTS	5.06	72.0	25 - 200	8.706717	8.608047	0.0987	+/-1.00	
M9PFNA	1.32	108	25 - 150	8.227917	8.124177	0.1037	+/-1.00	
M2-4:2 FTS	4.94	96.8	25 - 150	6.036483	6.058031	-0.0215	+/-1.00	
d-N-MeFOSA	2.64	56.4	25 - 150	10.09087	10.06877	0.0221	+/-1.00	
d-N-EtFOSA	2.64	52.1	25 - 150	10.33743	10.34068	-0.0033	+/-1.00	
M3HFPO-DA	10.5	108	25 - 150	6.4019	6.405367	-0.0035	+/-1.00	
d9-N-EtFOSE	26.4	74.9	25 - 150	10.30723	10.30358	0.0037	+/-1.00	
d7-N-MeFOSE	26.4	84.2	25 - 150	10.06805	10.04137	0.0267	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0212

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E0835 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-5 (11-13) (25E0212-17)			Lab File ID: QQQ53155.d		Analyzed: 05/08/25 17:50			
M3PFBS	2.76	103	25 - 150	5.24255	5.288692	-0.0461	+/-1.00	
M5PFHxA	2.96	110	25 - 150	6.102334	6.127733	-0.0254	+/-1.00	
M4PFHpA	2.96	84.1	25 - 150	6.947317	6.91665	0.0307	+/-1.00	
M3PFHxS	2.81	99.6	25 - 150	7.057384	7.015661	0.0417	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.96	115	25 - 150	7.632683	7.551858	0.0808	+/-1.00	
M6PFDA	1.48	112	25 - 150	8.735367	8.635862	0.0995	+/-1.00	
M7PFUdA	1.48	98.6	25 - 150	9.171516	9.086467	0.0850	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.48	76.7	25 - 150	9.54095	9.484887	0.0561	+/-1.00	
M2PFTeDA	1.48	74.0	10 - 150	10.15682	10.14503	0.0118	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.8	6.13	25 - 150	1.149733	1.191037	-0.0413	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.84	135	25 - 150	8.263217	8.156588	0.1066	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.92	67.0	25 - 150	4.34795	4.40081	-0.0529	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.96	122	10 - 150	9.305567	9.234681	0.0709	+/-1.00	
d3-N-MeFOSAA	5.92	80.9	25 - 150	8.9292	8.842819	0.0864	+/-1.00	
d5-N-EtFOSAA	5.92	81.3	25 - 150	9.1518	9.069258	0.0825	+/-1.00	
M2-6:2 FTS	5.63	88.6	25 - 200	7.566233	7.499358	0.0669	+/-1.00	
M2-8:2 FTS	5.68	70.2	25 - 200	8.706734	8.608047	0.0987	+/-1.00	
M9PFNA	1.48	105	25 - 150	8.21865	8.124177	0.0945	+/-1.00	
M2-4:2 FTS	5.55	95.4	25 - 150	6.02725	6.058031	-0.0308	+/-1.00	
d-N-MeFOSA	2.96	58.7	25 - 150	10.09088	10.06877	0.0221	+/-1.00	
d-N-EtFOSA	2.96	60.6	25 - 150	10.34667	10.34068	0.0060	+/-1.00	
M3HFPO-DA	11.8	101	25 - 150	6.392633	6.405367	-0.0127	+/-1.00	
d9-N-EtFOSE	29.6	74.8	25 - 150	10.30725	10.30358	0.0037	+/-1.00	
d7-N-MeFOSE	29.6	87.4	25 - 150	10.06807	10.04137	0.0267	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0212

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E0835 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-DUP-2 (11-13) (25E0212-18)			Lab File ID: QQQ53156.d		Analyzed: 05/08/25 18:07			
M3PFBS	2.71	115	25 - 150	5.242567	5.288692	-0.0461	+/-1.00	
M5PFHxA	2.90	109	25 - 150	6.0931	6.127733	-0.0346	+/-1.00	
M4PFHpA	2.90	79.0	25 - 150	6.947317	6.91665	0.0307	+/-1.00	
M3PFHxS	2.75	113	25 - 150	7.057384	7.015661	0.0417	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.90	112	25 - 150	7.622633	7.551858	0.0708	+/-1.00	
M6PFDA	1.45	107	25 - 150	8.73535	8.635862	0.0995	+/-1.00	
M7PFUdA	1.45	83.2	25 - 150	9.16225	9.086467	0.0758	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.45	66.9	25 - 150	9.54095	9.484887	0.0561	+/-1.00	
M2PFTeDA	1.45	64.5	10 - 150	10.15682	10.14503	0.0118	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.6	7.04	25 - 150	1.149733	1.191037	-0.0413	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.78	129	25 - 150	8.253933	8.156588	0.0973	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.81	68.6	25 - 150	4.35715	4.40081	-0.0437	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.90	105	10 - 150	9.30555	9.234681	0.0709	+/-1.00	
d3-N-MeFOSAA	5.81	71.4	25 - 150	8.929183	8.842819	0.0864	+/-1.00	
d5-N-EtFOSAA	5.81	75.0	25 - 150	9.1518	9.069258	0.0825	+/-1.00	
M2-6:2 FTS	5.52	93.8	25 - 200	7.566216	7.499358	0.0669	+/-1.00	
M2-8:2 FTS	5.58	71.8	25 - 200	8.69745	8.608047	0.0894	+/-1.00	
M9PFNA	1.45	90.5	25 - 150	8.21865	8.124177	0.0945	+/-1.00	
M2-4:2 FTS	5.45	104	25 - 150	6.02725	6.058031	-0.0308	+/-1.00	
d-N-MeFOSA	2.90	68.0	25 - 150	10.09088	10.06877	0.0221	+/-1.00	
d-N-EtFOSA	2.90	53.2	25 - 150	10.34667	10.34068	0.0060	+/-1.00	
M3HFPO-DA	11.6	104	25 - 150	6.392633	6.405367	-0.0127	+/-1.00	
d9-N-EtFOSE	29.0	70.2	25 - 150	10.30725	10.30358	0.0037	+/-1.00	
d7-N-MeFOSE	29.0	84.4	25 - 150	10.06807	10.04137	0.0267	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E0835
Instrument: LCQQQ
Calibration: SD50025

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
FB-2 (25E0212-13)			Lab File ID: QQQ53168.d		Analyzed: 05/08/25 21:20			
M3PFBS	22.3	121	25 - 150	5.251783	5.288692	-0.0369	+/-1.00	
M5PFHxA	23.9	131	25 - 150	6.102334	6.127733	-0.0254	+/-1.00	
M4PFHpA	23.9	103	25 - 150	6.956583	6.91665	0.0399	+/-1.00	
M3PFHxS	22.6	127	25 - 150	7.06665	7.015661	0.0510	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.9	143	25 - 150	7.632683	7.551858	0.0808	+/-1.00	
M6PFDA	11.9	141	25 - 150	8.744617	8.635862	0.1088	+/-1.00	
M7PFUdA	11.9	106	25 - 150	9.171516	9.086467	0.0850	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.9	96.0	25 - 150	9.5502	9.484887	0.0653	+/-1.00	
M2PFTeDA	11.9	86.2	10 - 150	10.16603	10.14503	0.0210	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.5	4.19	25 - 150	1.177267	1.191037	-0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.9	161	25 - 150	8.27285	8.156588	0.1163	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.8	75.7	25 - 150	4.384717	4.40081	-0.0161	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.9	136	10 - 150	9.314883	9.234681	0.0802	+/-1.00	
d3-N-MeFOSAA	47.8	88.0	25 - 150	8.938467	8.842819	0.0956	+/-1.00	
d5-N-EtFOSAA	47.8	95.3	25 - 150	9.161266	9.069258	0.0920	+/-1.00	
M2-6:2 FTS	45.4	104	25 - 200	7.575517	7.499358	0.0762	+/-1.00	
M2-8:2 FTS	45.8	82.1	25 - 200	8.706717	8.608047	0.0987	+/-1.00	
M9PFNA	11.9	128	25 - 150	8.237184	8.124177	0.1130	+/-1.00	
M2-4:2 FTS	44.8	111	25 - 150	6.036483	6.058031	-0.0215	+/-1.00	
d-N-MeFOSA	23.9	93.3	25 - 150	10.1001	10.06877	0.0313	+/-1.00	
d-N-EtFOSA	23.9	94.6	25 - 150	10.34667	10.34068	0.0060	+/-1.00	
M3HFPO-DA	95.5	124	25 - 150	6.411167	6.405367	0.0058	+/-1.00	
d9-N-EtFOSE	239	96.3	25 - 150	10.31647	10.30358	0.0129	+/-1.00	
d7-N-MeFOSE	239	108	25 - 150	10.06807	10.04137	0.0267	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0212

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-13 (3-5) (25E0212-05RE1)			Lab File ID: QQQ53294.d		Analyzed: 05/12/25 22:31			
M3PFBS	2.78	128	25 - 150	5.251783	5.288692	-0.0369	+/-1.00	
M5PFHxA	2.98	127	25 - 150	6.1208	6.127733	-0.0069	+/-1.00	
M4PFHpA	2.98	99.0	25 - 150	6.98435	6.91665	0.0677	+/-1.00	
M3PFHxS	2.83	122	25 - 150	7.103617	7.015661	0.0880	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.98	130	25 - 150	7.6712	7.551858	0.1193	+/-1.00	
M6PFDA	1.49	111	25 - 150	8.791284	8.635862	0.1554	+/-1.00	
M7PFUdA	1.49	92.1	25 - 150	9.21785	9.086467	0.1314	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.49	87.3	25 - 150	9.587183	9.484887	0.1023	+/-1.00	
M2PFTeDA	1.49	83.0	10 - 150	10.19365	10.14503	0.0486	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.9	7.90	25 - 150	1.18645	1.191037	-0.0046	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.86	128	25 - 150	8.309883	8.156588	0.1533	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.96	86.1	25 - 150	4.384717	4.40081	-0.0161	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.98	102	10 - 150	9.388967	9.234681	0.1543	+/-1.00	
d3-N-MeFOSAA	5.96	85.4	25 - 150	8.99485	8.842819	0.1520	+/-1.00	
d5-N-EtFOSAA	5.96	95.8	25 - 150	9.207583	9.069258	0.1383	+/-1.00	
M2-6:2 FTS	5.67	103	25 - 200	7.621917	7.499358	0.1226	+/-1.00	
M2-8:2 FTS	5.72	81.9	25 - 200	8.75305	8.608047	0.1450	+/-1.00	
M9PFNA	1.49	115	25 - 150	8.2747	8.124177	0.1505	+/-1.00	
M2-4:2 FTS	5.59	116	25 - 150	6.05495	6.058031	-0.0031	+/-1.00	
d-N-MeFOSA	2.98	57.2	25 - 150	10.1001	10.06877	0.0313	+/-1.00	
d-N-EtFOSA	2.98	47.8	25 - 150	10.35587	10.34068	0.0152	+/-1.00	
M3HFPO-DA	11.9	123	25 - 150	6.429667	6.405367	0.0243	+/-1.00	
d9-N-EtFOSE	29.8	57.0	25 - 150	10.31647	10.30358	0.0129	+/-1.00	
d7-N-MeFOSE	29.8	63.9	25 - 150	10.07728	10.04137	0.0359	+/-1.00	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50397	Laboratory ID:	BE50397-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	0.753	0.394	52.3	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.53	1.33	86.6	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.49	1.07	71.9	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.51	1.01	66.7	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	7.97	7.03	88.2	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	7.97	7.32	91.9	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.59	0.933	58.6	50 - 150
9CL-PF3ONS	0.745	0.332	44.6 *	50 - 150
ADONA	0.753	0.512	68.0	50 - 150
HFPO-DA (Gen-X)	0.797	0.475	59.6	50 - 150
N-EtFOSA	0.398	0.379	95.2	50 - 150
N-EtFOSAA	0.398	0.289	72.5	50 - 150
N-EtFOSE	3.98	3.43	86.1	50 - 150
N-MeFOSA	0.398	0.370	93.0	50 - 150
N-MeFOSAA	0.398	0.308	77.3	50 - 150
N-MeFOSE	3.98	2.64	66.3	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.709	0.478	67.4	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.384	0.221	57.4	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.380	0.269	70.7	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.382	0.247	64.5	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.398	0.252	63.3	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.375	0.279	74.5	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.797	0.790	99.2	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.797	0.0775	9.72 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.797	1.06	132	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.353	0.276	78.4	50 - 150
Perfluorodecanoic acid (PFDA)	0.398	0.283	70.9	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.386	0.103	26.6 *	50 - 150
Perfluorododecanoic acid (PFDoA)	0.398	0.319	80.2	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50397	Laboratory ID:	BE50397-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	0.398	0.402	101	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.365	0.272	74.5	50 - 150
Perfluorohexanoic acid (PFHxA)	0.398	0.292	73.2	50 - 150
Perfluoro-n-butanoic acid (PFBA)	1.59	1.04	65.5	50 - 150
Perfluorononanoic acid (PFNA)	0.398	0.376	94.4	50 - 150
Perfluorooctanesulfonic acid (PFOS)	0.371	0.219	59.2	50 - 150
Perfluorooctanoic acid (PFOA)	0.398	0.266	66.8	50 - 150
Perfluoropentanoic acid (PFPeA)	0.797	0.631	79.1	50 - 150
Perfluorotetradecanoic acid (PFTA)	0.398	0.344	86.2	50 - 150
Perfluorotridecanoic acid (PFTrDA)	0.398	0.333	83.7	50 - 150
Perfluoroundecanoic acid (PFUnA)	0.398	0.399	100	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50530	Laboratory ID:	BE50530-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.56	3.93	52.0	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	12.1	78.6	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	10.3	68.7	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	9.02	59.3	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	80.0	73.4	91.7	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	80.0	73.6	92.0	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.0	10.4	65.1	50 - 150
9CL-PF3ONS	7.48	3.66	49.0 *	50 - 150
ADONA	7.56	5.25	69.5	50 - 150
HFPO-DA (Gen-X)	8.00	6.63	82.8	50 - 150
N-EtFOSA	4.00	2.93	73.1	50 - 150
N-EtFOSAA	4.00	2.82	70.4	50 - 150
N-EtFOSE	40.0	32.9	82.3	50 - 150
N-MeFOSA	4.00	3.58	89.5	50 - 150
N-MeFOSAA	4.00	3.03	75.9	50 - 150
N-MeFOSE	40.0	29.2	72.9	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	5.03	70.7	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.86	1.81	47.0 *	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	2.89	75.5	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	2.42	62.9	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.00	2.33	58.3	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	3.00	79.8	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	10.1	126	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	0.997	12.5 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	8.72	109	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.54	2.64	74.6	50 - 150
Perfluorodecanoic acid (PFDA)	4.00	2.86	71.4	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.88	1.20	30.8 *	50 - 150
Perfluorododecanoic acid (PFDoA)	4.00	3.37	84.2	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50530	Laboratory ID:	BE50530-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	4.00	4.13	103	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.66	2.56	69.9	50 - 150
Perfluorohexanoic acid (PFHxA)	4.00	3.12	77.9	50 - 150
Perfluoro-n-butanoic acid (PFBA)	16.0	9.31	58.2	50 - 150
Perfluorononanoic acid (PFNA)	4.00	3.33	83.3	50 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	2.35	63.2	50 - 150
Perfluorooctanoic acid (PFOA)	4.00	2.81	70.4	50 - 150
Perfluoropentanoic acid (PFPeA)	8.00	6.20	77.4	50 - 150
Perfluorotetradecanoic acid (PFTA)	4.00	2.95	73.8	50 - 150
Perfluorotridecanoic acid (PFTrDA)	4.00	2.95	73.7	50 - 150
Perfluoroundecanoic acid (PFUnA)	4.00	3.58	89.4	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50657	Laboratory ID:	BE50657-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	0.751	0.198	26.3 *	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.53	1.21	79.3	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.49	1.05	70.3	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.51	0.964	63.8	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	7.95	5.36	67.4	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	7.95	5.24	65.9	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.59	0.818	51.5	50 - 150
9CL-PF3ONS	0.744	0.137	18.4 *	50 - 150
ADONA	0.751	0.480	63.9	50 - 150
HFPO-DA (Gen-X)	0.795	0.511	64.3	50 - 150
N-EtFOSA	0.398	0.258	64.9	50 - 150
N-EtFOSAA	0.398	0.246	62.0	50 - 150
N-EtFOSE	3.98	2.95	74.2	50 - 150
N-MeFOSA	0.398	0.360	90.6	50 - 150
N-MeFOSAA	0.398	0.362	91.0	50 - 150
N-MeFOSE	3.98	2.61	65.6	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.708	0.466	65.9	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.384	0.228	59.4	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.380	0.292	77.0	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.382	0.156	40.8 *	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.398	0.211	53.1	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.374	0.362	96.8	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.795	0.722	90.8	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.795	0.0430	5.41 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.795	0.860	108	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.352	0.273	77.6	50 - 150
Perfluorodecanoic acid (PFDA)	0.398	0.259	65.0	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.386	0.0852	22.1 *	50 - 150
Perfluorododecanoic acid (PFDoA)	0.398	0.349	87.8	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50657	Laboratory ID:	BE50657-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	0.398	0.419	105	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.364	0.295	81.2	50 - 150
Perfluorohexanoic acid (PFHxA)	0.398	0.297	74.7	50 - 150
Perfluoro-n-butanoic acid (PFBA)	1.59	0.934	58.7	50 - 150
Perfluorononanoic acid (PFNA)	0.398	0.272	68.3	50 - 150
Perfluorooctanesulfonic acid (PFOS)	0.370	0.205	55.3	50 - 150
Perfluorooctanoic acid (PFOA)	0.398	0.279	70.2	50 - 150
Perfluoropentanoic acid (PFPeA)	0.795	0.624	78.5	50 - 150
Perfluorotetradecanoic acid (PFTA)	0.398	0.324	81.5	50 - 150
Perfluorotridecanoic acid (PFTrDA)	0.398	0.302	76.1	50 - 150
Perfluoroundecanoic acid (PFUnA)	0.398	0.337	84.7	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0212
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50657-BLK1	File ID:	QQQ53290.d
Prepared:	05/08/25 15:48	Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL
Analyzed:	05/12/25 21:26	Instrument:	LCQQQ		
Batch:	BE50657	Sequence:	S5E1331	Calibration:	SD50025

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
763051-92-9	11CL-PF3OUdS	0.753	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.765	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.747	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.757	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	4.98	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	4.98	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	0.996	U
756426-58-1	9CL-PF3ONS	0.745	U
919005-14-4	ADONA	0.753	U
13252-13-6	HFPO-DA (Gen-X)	0.797	U
4151-50-2	N-EtFOSA	0.199	U
2991-50-6	N-EtFOSAA	0.199	U
1691-99-2	N-EtFOSE	1.99	U
31506-32-8	N-MeFOSA	0.199	U
2355-31-9	N-MeFOSAA	0.199	U
24448-09-7	N-MeFOSE	1.99	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.355	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	0.192	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	0.199	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	0.191	U
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	0.199	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	0.187	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.398	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	0.398	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	0.398	U
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.176	U
335-76-2	Perfluorodecanoic acid (PFDA)	0.199	U
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	0.196	
307-55-1	Perfluorododecanoic acid (PFDoA)	0.199	U
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.199	U

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0212
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50657-BLK1	File ID:	QQQ53290.d
Prepared:	05/08/25 15:48	Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL
Analyzed:	05/12/25 21:26	Instrument:	LCQQQ		
Batch:	BE50657	Sequence:	S5E1331	Calibration:	SD50025

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.182	U
307-24-4	Perfluorohexanoic acid (PFHxA)	0.199	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	0.797	U
375-95-1	Perfluorononanoic acid (PFNA)	0.199	U
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.185	U
335-67-1	Perfluorooctanoic acid (PFOA)	0.199	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.398	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	0.209	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	0.227	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.199	U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)		U
1180-95-6	Taurodeoxycholic Acid (TDCA)		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)		U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg wet)	CONC (ug/kg wet)	% REC	QC LIMITS	Q
d3-N-MeFOSAA	4.98	2.93	58.8	25 - 150	
d5-N-EtFOSAA	4.98	3.12	62.6	25 - 150	
d7-N-MeFOSE	24.9	12.8	51.4	25 - 150	
d9-N-EtFOSE	24.9	11.1	44.4	25 - 150	
d-N-EtFOSA	2.49	0.879	35.3	25 - 150	
d-N-MeFOSA	2.49	1.15	46.1	25 - 150	
M2-4:2 FTS	4.67	5.51	118	25 - 150	
M2-6:2 FTS	4.74	4.14	87.5	25 - 200	
M2-8:2 FTS	4.78	2.77	58.0	25 - 200	
M2PFTeDA	1.25	0.946	76.0	10 - 150	
M3HFPO-DA	9.96	13.6	137	25 - 150	
M3PFBS	2.32	3.01	130	25 - 150	
M3PFHxS	2.36	2.46	104	25 - 150	
M4PFHpA	2.49	2.41	96.8	25 - 150	
M5PFHxA	2.49	3.46	139	25 - 150	
M6PFDA	1.25	1.04	83.4	25 - 150	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	LCQQQ	Calibration:	SD50025
Lab File ID:	QQQ53157.d	Calibration Date:	04/18/25 08:00
Sequence:	S5E0835	Injection Date:	05/08/25
Lab Sample ID:	S5E0835-CCV3	Injection Time:	18:23

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	7.80	1.236176	0.9899059		-17.5	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.71	0.2375612	0.2270421		1.1	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	7.95	1.166132	0.9831057		-15.3	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	7.75	1.478145	1.177984		-18.4	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	67.2	0.1835834	0.2012524		7.4	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	66.6	0.1512891	0.1646542		6.4	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	14.6	2.287886E-02	2.649688E-02		16.7	30	
9CL-PF3ONS	A	9.35	7.82	1.942539	1.591521		-16.3	30	
ADONA	A	9.45	8.73	0.6835662	0.616318		-7.6	30	
HFPO-DA (Gen-X)	A	10.0	9.53	2.627831E-02	2.376524E-02		-4.7	30	
N-EtFOSA	A	2.50	2.22	1.292542	1.125646		-11.2	30	
N-EtFOSAA	A	2.50	2.35	1.013545	0.933414		-5.9	30	
N-EtFOSE	A	25.0	28.0	2.068117	2.192952		11.9	30	
N-MeFOSA	A	2.50	2.54	0.8235693	0.8445002		1.6	30	
N-MeFOSAA	A	2.50	2.47	0.9591199	0.9524213		-1.1	30	
N-MeFOSE	A	25.0	22.4	0.9845775	0.8605757		-10.5	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.10	1.186955	1.075032		-7.9	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	1.82	0.94736	0.6837572		-24.5	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	1.88	3.175636	2.482001		-20.9	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	1.61	2.455469	1.644234		-33.0	30	*
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	1.87	1.931445	1.455596		-25.2	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.28	1.598996	1.475376		-2.9	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.53	1.064465E-02	1.037209E-02		-9.4	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	LCQQQ	Calibration:	SD50025
Lab File ID:	QQQ53157.d	Calibration Date:	04/18/25 08:00
Sequence:	S5E0835	Injection Date:	05/08/25
Lab Sample ID:	S5E0835-CCV3	Injection Time:	18:23

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	4.80	0.3270519	0.3137136		-4.1	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.55	0.4177027	0.3722907		-8.9	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.13	1.273813	1.21466		-4.0	30	
Perfluorodecanoic acid (PFDA)	A	2.50	2.42	1.020614	0.9584961		-3.3	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	1.59	0.5483041	0.3487602		-34.2	30	*
Perfluorododecanoic acid (PFDoA)	A	2.50	2.31	0.7837655	0.7376454		-7.7	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	2.71	3.363213	3.625262		8.3	30	
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.18	1.340507	1.229344		-4.6	30	
Perfluorohexanoic acid (PFHxA)	A	2.50	2.34	1.208463	1.11621		-6.4	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	9.30	0.911232	0.8448594		-7.0	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.07	3.164306	2.6755		-17.2	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	1.85	3.008452	2.264846		-20.3	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.06	1.169704	0.96857		-17.7	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	4.57	1.108705	1.015494		-8.6	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.25	1.033237	0.9618326		-10.0	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.18	1.235056	1.106245		-12.8	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.97	0.7504082	0.8935877		18.7	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 7196A Hexavalent Chromium (Cr6+)
Data for York Analytical Laboratories, Inc., SDG: 25E0212

15 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 5, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported Cr6+ as not detected.

Spike Sample Recovery: The percent recoveries for Cr6+ were within QC limits (75-125%) for soil MS/MSD sample 25SB-9 (2-4).

Laboratory Duplicate: The relative percent differences for Cr6+ were below the allowable maximum (35%) for soil MS/MSD sample 25SB-9 (2-4) and soil duplicate sample 25SB-9 (2-4), as required.

Field Duplicates: The relative percent difference for trivalent chromium was below the allowable maximum (35%) for soil field duplicate pair 25SB-12 (11-13)/25-SB-DUP-2 (11-13) (attached table), as required.

Laboratory Control Sample: The percent recoveries for Cr6+ were within QC limits for soil samples BE50479-SRM1 and BE50600-SRM1, and aqueous sample BE50335-BS1.

z:\projects\2025\25600 - 25620\25615-30-32 38th ave\task 1 dusr\temp-review\corrections made 2025\25e0212.cr6.docx

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data for
York Analytical Laboratories, Inc., SDG: 25E0212

15 Soil Samples, 1 Field Duplicate,
1 TCLP Sample, and 1 Field Blank
Collected May 5, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were analyzed within the USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries (%Rs) for beryllium and selenium were above control limits (90-110%), but not above 150% for S5E0903-CCV6. Positive results for these metals should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated samples.

The %R for antimony was below control limits (90-110%), but not below 50% for S5E0903-CCV6. Positive results for these metals should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated samples.

CRDL Standard: The percent recoveries for applicable metals were within laboratory QC limits for the CRDL samples.

Blanks: Method blank BE50534-BLK1 contained potassium (15.4 mg/kg) above the MRL. Field blank FB-2 contained calcium (1.09 mg/L), magnesium (0.0899 mg/L), potassium (0.337 mg/L), sodium (0.947 mg/L), and zinc (0.0348 mg/L) above the MRLs. Positive results for these metals that are less than 5 times the highest blank level should be reported as not detected in associated samples.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%) for the interference check samples.

Spike Sample Recovery: The percent recovery (%R) for lead was within control limits (75-125%) for TCLP spike sample 25SB-12 (0-2).

The %R for antimony was below control limits (75-125%), but not below 10% for soil spike sample 25SB-13 (0-2). Positive results for antimony should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Laboratory Duplicate: The relative percent differences for applicable metals were below the allowable maximum (35%) for soil duplicate sample 25SB-13 (0-2), as required.

Field Duplicates: The relative percent differences for applicable metals were below the allowable maximum (35%) for soil field duplicate pair 25SB-12 (11-13)/25-SB-DUP-2 (11-13), as required.

Laboratory Control Sample: The percent recoveries for target metals were within QC limits for soil samples BE50533-SRM1, BE50534-SRM1, and BE50611-SRM1, and TCLP sample BE51691-BS1

The %R for calcium was above control limits for aqueous sample BE50465-BS1. Positive results for calcium should be considered estimated, biased high (J+) in associated aqueous samples.

Serial Dilution: The %Ds for 14 metals (highlighted yellow on attached form) were above the allowable maximum (15%) for soil serial dilution sample 25SB-13 (0-2). Positive results for these metals that are above the RLs should be considered estimated (J) in associated soil samples.

Detection Limits: The LODs were at or below POQs, as required.

Percent Solids: The percent solids for soil samples were above 50%.

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Instrument ID: Nexion2000C
Calibration: 05/08/25
Control Limt: +/- 10.00%
Sequence: S5E0903

Lab Sample ID	Analyte	True	Found	%R		Units	Method
S5E0903-ICV1	Antimony	50.0	55.0	110		ug/L	EPA 6020B
	Arsenic	50.0	49.0	98.0		ug/L	EPA 6020B
	Beryllium	50.0	50.3	101		ug/L	EPA 6020B
	Cadmium	50.0	56.9	114	*	ug/L	EPA 6020B
	Selenium	50.0	49.6	99.1		ug/L	EPA 6020B
	Thallium	50.0	50.2	100		ug/L	EPA 6020B
S5E0903-CCV1	Antimony	50.0	55.5	111	*	ug/L	EPA 6020B
	Arsenic	50.0	50.7	101		ug/L	EPA 6020B
	Beryllium	50.0	52.0	104		ug/L	EPA 6020B
	Cadmium	50.0	55.9	112	*	ug/L	EPA 6020B
	Selenium	50.0	52.5	105		ug/L	EPA 6020B
	Thallium	50.0	51.0	102		ug/L	EPA 6020B
S5E0903-CCV2	Antimony	50.0	50.9	102		ug/L	EPA 6020B
	Arsenic	50.0	51.9	104		ug/L	EPA 6020B
	Beryllium	50.0	52.6	105		ug/L	EPA 6020B
	Cadmium	50.0	52.6	105		ug/L	EPA 6020B
	Selenium	50.0	54.7	109		ug/L	EPA 6020B
	Thallium	50.0	48.0	96.1		ug/L	EPA 6020B
S5E0903-CCV6	Antimony	50.0	44.1	88.3	*	ug/L	EPA 6020B
	Arsenic	50.0	52.7	105		ug/L	EPA 6020B
	Beryllium	50.0	56.0	112	*	ug/L	EPA 6020B
	Cadmium	50.0	47.2	94.4		ug/L	EPA 6020B
	Selenium	50.0	55.8	112	*	ug/L	EPA 6020B
	Thallium	50.0	46.8	93.7		ug/L	EPA 6020B
S5E0903-CCV7	Antimony	50.0	73.1	146	*	ug/L	EPA 6020B
	Arsenic	50.0	49.5	98.9		ug/L	EPA 6020B
	Beryllium	50.0	58.3	117	*	ug/L	EPA 6020B
	Cadmium	50.0	78.9	158	*	ug/L	EPA 6020B
	Selenium	50.0	51.9	104		ug/L	EPA 6020B
	Thallium	50.0	59.7	119	*	ug/L	EPA 6020B

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010D

25SB-13 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50533	Laboratory ID:	BE50533-MS1
Preparation:	EPA 3050B	Initial/Final:	0.6 g / 50 mL

Source Sample Name: 25SB-13 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Aluminum	170	5320	5110	NA	75 - 125
Antimony	21.2	ND	5.38	25.3 *	75 - 125
Arsenic	170	1.73	140	81.3	75 - 125
Barium	170	30.9	182	88.7	75 - 125
Beryllium	4.25	0.052	3.71	86.1	75 - 125
Cadmium	4.25	ND	3.51	82.6	75 - 125
Calcium	84.9	1160	1340	NA	75 - 125
Chromium	17.0	12.6	27.0	84.9	75 - 125
Cobalt	42.5	4.47	41.2	86.6	75 - 125
Copper	21.2	17.0	35.2	85.5	75 - 125
Iron	84.9	9320	8690	NA	75 - 125
Lead	42.5	11.9	44.4	76.7	75 - 125
Magnesium	84.9	2170	2290	NA	75 - 125
Manganese	42.5	203	225	NA	75 - 125
Nickel	42.5	8.90	45.2	85.5	75 - 125
Potassium	84.9	767	784	NA	75 - 125
Selenium	170	ND	136	80.0	75 - 125
Silver	4.25	ND	3.64	85.8	75 - 125
Sodium	84.9	84.1	181	114	75 - 125
Thallium	170	ND	144	84.7	75 - 125
Vanadium	42.5	15.0	51.2	85.4	75 - 125
Zinc	42.5	39.2	76.5	87.8	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NA - The sample concentration is greater than 4X the spiking level; therefore, the %REC is not applicable.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 6010D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0212
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50465	Laboratory ID:	BE50465-BS1
Preparation:	EPA 3015A	Initial/Final:	45 mL / 50 mL

COMPOUND	SPIKE ADDED (ug/mL)	LCS CONCENTRATION (ug/mL)	LCS % REC. #	QC LIMITS REC.
Aluminum	2.00	2.05	103	80 - 120
Barium	2.00	2.07	104	80 - 120
Calcium	1.00	1.31	131 *	80 - 120
Chromium	0.200	0.207	104	80 - 120
Cobalt	0.500	0.511	102	80 - 120
Copper	0.250	0.265	106	80 - 120
Iron	1.00	0.974	97.4	80 - 120
Lead	0.500	0.484	96.7	80 - 120
Magnesium	1.00	1.06	106	80 - 120
Manganese	0.500	0.520	104	80 - 120
Nickel	0.500	0.518	104	80 - 120
Potassium	1.00	1.09	109	80 - 120
Silver	0.0500	0.0497	99.4	80 - 120
Sodium	1.00	1.09	109	80 - 120
Vanadium	0.500	0.501	100	80 - 120
Zinc	0.500	0.510	102	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

25SB-13 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0212
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Laboratory ID: S5E0814-SRD1
Sequence: S5E0814
Lab Source ID: 25E0212-04
Preparation: BE50534
Initial/Final: 0.6 / 50
Source Sample Name: 25SB-13 (0-2)
% Solids: 98.11

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	5320		7800		46.6 *		EPA 6010D	10
Antimony	ND		ND				EPA 6010D	10
Arsenic	1.73		ND				EPA 6010D	10
Barium	30.9		44.3		43.5 *		EPA 6010D	10
Beryllium	0.052		ND				EPA 6010D	10
Cadmium	ND		ND				EPA 6010D	10
Calcium	1160		1730		49.2 *		EPA 6010D	10
Chromium	12.6		18.3		45.9 *		EPA 6010D	10
Cobalt	4.47		6.41		43.5 *		EPA 6010D	10
Copper	17.0		33.7		97.9 *		EPA 6010D	10
Iron	9320		13300		43.3 *		EPA 6010D	10
Lead	11.9		16.0		34.8 *		EPA 6010D	10
Magnesium	2170		3180		46.7 *		EPA 6010D	10
Manganese	203		298		47.0 *		EPA 6010D	10
Nickel	8.90		17.8		99.4 *		EPA 6010D	10
Potassium	767		1170		53.1 *		EPA 6010D	10
Selenium	ND		ND				EPA 6010D	10
Silver	ND		ND				EPA 6010D	10
Sodium	84.1		ND				EPA 6010D	10
Thallium	ND		ND				EPA 6010D	10
Vanadium	15.0		21.2		41.4 *		EPA 6010D	10
Zinc	39.2		59.2		51.3 *		EPA 6010D	10

* Values outside of QC limits

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.

SDG: 25E0212

Client: Vektor Consultants

Instrument ID: ICP5900-01

Project: 32-20 38th Avenue, Queens New York

Sequence: S5E0814

Calibration: 05/08/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5E0814-CCB3	Lead	0.0008	0.005	ug/mL		EPA 6010D
	Magnesium	-0.006	0.050	ug/mL		EPA 6010D
	Manganese	0.0001	0.005	ug/mL		EPA 6010D
	Nickel	0.0004	0.010	ug/mL		EPA 6010D
	Potassium	0.020	0.050	ug/mL		EPA 6010D
	Selenium	0.00	0.025	ug/mL		EPA 6010D
	Silver	0.0001	0.005	ug/mL		EPA 6010D
	Sodium	0.015	0.500	ug/mL		EPA 6010D
	Thallium	-0.0001	0.020	ug/mL		EPA 6010D
	Vanadium	0.0003	0.010	ug/mL		EPA 6010D
	Zinc	0.00	0.025	ug/mL		EPA 6010D
BE50534-BLK1	Aluminum	0.017	4.17	mg/kg wet		EPA 6010D
	Antimony	-0.225	2.08	mg/kg wet		EPA 6010D
	Arsenic	-0.042	1.25	mg/kg wet		EPA 6010D
	Barium	0.017	2.08	mg/kg wet		EPA 6010D
	Beryllium	-0.003	0.042	mg/kg wet		EPA 6010D
	Cadmium	0.008	0.250	mg/kg wet		EPA 6010D
	Calcium	-0.075	4.17	mg/kg wet		EPA 6010D
	Chromium	0.008	0.417	mg/kg wet		EPA 6010D
	Cobalt	0.008	0.333	mg/kg wet		EPA 6010D
	Copper	0.050	1.67	mg/kg wet		EPA 6010D
	Iron	0.158	20.8	mg/kg wet		EPA 6010D
	Lead	-0.317	0.417	mg/kg wet		EPA 6010D
	Magnesium	1.82	4.17	mg/kg wet		EPA 6010D
	Manganese	0.00	0.417	mg/kg wet		EPA 6010D
	Nickel	0.092	0.830	mg/kg wet		EPA 6010D
	Potassium	15.4	4.17	mg/kg wet	*	EPA 6010D
	Selenium	0.017	2.08	mg/kg wet		EPA 6010D
	Silver	-0.050	0.420	mg/kg wet		EPA 6010D
	Sodium	0.317	41.7	mg/kg wet		EPA 6010D
	Thallium	0.375	1.67	mg/kg wet		EPA 6010D
	Vanadium	-0.008	0.830	mg/kg wet		EPA 6010D
	Zinc	-0.008	2.08	mg/kg wet		EPA 6010D

Field Duplicate Calculation Section

General Chemistries

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 25E0212

S1= 25SB-12 (11-13) **S2=** 25SB-DUP-2 (11-13)

Analyte	S1	S2	RPD (%)
Chromium, Hexavalent	ND	ND	NC
Chromium, Trivalent	17.2	19.5	13%

* RPD is above the allowable maximum 35%.

Results are in units of mg/kg.

Bold numbers were values that are below the RL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

TAL Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 25E0212

S1= 25SB-12 (11-13) **S2=** 25SB-DUP-2 (11-13)

Analyte	S1	S2	RPD (%)
aluminum	7760	7950	2%
antimony	ND	ND	NC
arsenic	ND	ND	NC
barium	41.9	55.1	27%
beryllium	ND	ND	NC
cadmium	ND	ND	NC
calcium	3110	2990	4%
chromium	17.2	19.5	13%
cobalt	7.11	7.6	7%
copper	16.3	17.1	5%
iron	13200	16000	19%
lead	3	2.88	4%
magnesium	4970	5000	1%
manganese	259	316	20%
mercury	ND	ND	NC
nickel	14.9	15.8	6%
potassium	1590	1800	12%
selenium	ND	ND	NC
silver	ND	ND	NC
sodium	286	262	9%
thallium	ND	ND	NC
vanadium	23.4	24.8	6%
zinc	37.7	39.6	5%

* RPD is above the allowable maximum 35%.

Results are in units of mg/kg.

Bold numbers were values that are below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

25E0288

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
York Analytical Laboratories, Inc., SDG: 25E0288

19 Soil Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected May 6, 2025

Prepared by: Donald Anné
October 31, 2025

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 19 soil samples, 1 field duplicate, 1 field blank, and 1 trip blank analyzed for volatiles; 19 soil samples, 1 field duplicate, and 1 field blank analyzed for semi-volatiles, 1,4-dioxane by SIM, PFAS pesticides, PCBs, TAL metals, and hexavalent chromium; and 1 field blank analyzed for SIM semi-volatiles.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the analytical methods except for ICP metals and semi-volatiles.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- Positive volatile results for methylene chloride were qualified as "not detected" (U) for samples 25SB-11 (0-1.5) and 25SB-7 (6-8) because the level reported in the sample was not significantly greater than (more than 5 times) the highest associated blank level.

- The positive volatile results for tetrachloroethylene were qualified as "estimated, biased low" (J-) for samples 25SB-14 (0-2) and 25SB-14 (10-12) because the percent recovery for tetrachloroethylene was below QC limits, but not below 10% in the associated soil LCSs.

- The "not detected" volatile results for 15 compounds were qualified as "estimated" (UJ) for samples 25SB-8 (3-5) and 25SB-8 (12.5-14.5) because 1 or 2 percent recoveries for these 15 compounds were below QC limits, but not below 10% in the associated soil LCS/LCSD.

- The "not detected" volatile results for tetrachloroethylene were qualified as "estimated" (UJ) for the following samples because the percent recovery for tetrachloroethylene was below QC limits, but not below 10% in the associated soil LCS.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

25SB-15 (10-12)	25SB-1 (2-4)	25SB-1 (11-13)	25SB-14 (4-6)
25SB-7 (0-2)	25SB-7 (3-5)	25SB-7 (6-8)	25SB-3 (0-2)
25SB-3 (4-6)	25SB-8 (0-2)		

- The "not detected" volatile results for ethyl benzene, p-isopropyltoluene, and styrene were qualified as "estimated" (UJ) for samples 25SB-15 (0-2), 25SB-15 (4-6), 25SB-1 (0-2), and 25SB-DUP-3 (0-2) because 1 or 2 percent recoveries for these compounds were below QC limits, but not below 10% in the associated soil LCS/LCSD.

- The "not detected" volatile results for cyclohexane and methylcyclohexane were qualified as "estimated" (UJ) for samples 25SB-8 (0-2) and 25SB-1 (0-2) because 1 of 2 percent recoveries for cyclohexane and methylcyclohexane were below QC limits, but not below 10% in the soil MS/MSD samples.

- The "not detected" volatile results for all target compounds were qualified as "estimated" (UJ) for sample 25SB-3 (11-13) because 3 of 3 internal standard areas used to quantitate these compounds were below control limits, but not below 25% in the sample.

- The positive volatile result for acetone was qualified as "estimated, biased high" (J+) for sample 25SB-11 (0-1.5) because 3 of 3 internal standard areas used to quantitate acetone was below control limits and below 25% in the sample.

- The "not detected" volatile results for target compounds were qualified as "rejected, unusable" (R) for sample 25SB-11 (0-1.5) because 3 of 3 internal standard areas used to quantitate these compounds were below control limits and below 25% in the sample.

- The "not detected" volatile results for 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, cyclohexane, and naphthalene were qualified as "estimated" (UJ) for samples TB-3 and FB-3 because 1 or 2 percent recoveries for these compounds were below QC limits, but not below 30% in the associated aqueous LCS/LCSD.

- The positive semi-volatile results for 10 base/neutral compounds were qualified as "estimated, biased low" (J-) for sample 25SB-3 (0-2) because 1 of 3 base/neutral surrogate recoveries was below QC limits and below 10% in the reanalyzed sample.

- The positive semi-volatile result for dibenzo(a,h)anthracene was qualified as “estimated” (J) for sample 25SB-3 (0-2) because the %D for dibenzo(a,h)anthracene was above the allowable maximum in the associated continuing calibration verification sample.

- The positive semi-volatile results for 14 base/neutral compounds were qualified as “estimated, biased low” (J-) for sample 25SB-14 (0-2) because 3 of 3 base/neutral and 3 of 3 acid extractable surrogate recoveries were below QC limits, but not below 10% in the sample.

- The positive semi-volatile results for 12 base/neutral compounds were qualified as “estimated, biased low” (J-) for sample 25SB-3 (4-6) because 3 of 3 base/neutral and 3 of 3 acid extractable surrogate recoveries were below QC limits, but not below 10% in the sample.

- The “not detected” semi-volatile results for 64 target compounds were qualified as “estimated” (UJ) for sample 25SB-14 (0-2) because 3 of 3 base/neutral and 3 of 3 acid extractable surrogate recoveries were below QC limits, but not below 10% in the sample.

- The “not detected” semi-volatile results for 66 target compounds were qualified as “estimated” (UJ) for sample 25SB-3 (4-6) because 3 of 3 base/neutral and 3 of 3 acid extractable surrogate recoveries were below QC limits, but not below 10% in the sample.

- The “not detected” semi-volatile results for 15 acid extractable compounds were qualified as “rejected, unusable” (R) for sample 25SB-11 (0-1.5) because 1 of 3 acid extractable surrogate recoveries was below QC limits and below 10% in the sample.

- The “not detected” semi-volatile results for 4-nitroaniline were qualified as “rejected, unusable” (R) for samples 25SB-15 (0-2), 25SB-15 (4-6), 25SB-15 (10-12), 25SB-1 (0-2), and 25SB-1 (2-4) because the percent recovery for 4-nitroaniline was below QC limits and below 10% in the associated soil LCS.

- The “not detected” semi-volatile result for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocylopentadiene were qualified as “rejected, unusable” (R) for sample 25SB-1 (0-2) because 2 of 2 percent recoveries for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocylopentadiene were below QC limits and below 10% in the soil MS/MSD sample.

- The positive semi-volatile result for bis(2-ethylhexyl)phthalate and fluoranthene were qualified as “estimated” (J) for sample 25SB-8 (0-2) because the relative percent differences for these compounds were the allowable maximum in the soil MS/MSD sample.

- The “not detected” semi-volatile result for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, benzoic acid, hexachlorocylopentadiene, n-nitrosodimethylamine, and pyridine were qualified as “rejected, unusable” (R) for sample 25SB-8 (0-2) because 1 or 2 percent recoveries for these 6 compounds were below QC limits and below 10% in the soil MS/MSD sample.

- The positive semi-volatile results for anthracene, benzo(a)anthracene, chrysene, and phenanthrene were qualified as estimated (J) for samples 25SB-7 (0-2) and 25SB-DUP-3 (0-2) because the relative percent differences for these compounds were above the allowable maximum for the soil field duplicate pair 25SB-7 (0-2)/25SB-DUP-3 (0-2).

- The “not detected” semi-volatile results for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, phenol, and hexachlorocyclopentadiene, and pyridine were qualified as “rejected, unusable” (R) for sample FB-3 because 1 or 2 percent recoveries for these compounds were below QC limits and below 30% in the associated aqueous LCS/LCSD.

- The “not detected” semi-volatile results for 41 compounds were qualified as “estimated” (UJ) for sample FB-3 because the sample was extracted beyond the USEPA SW-846 holding time.

- The “not detected” PFAS results for PFBA were qualified as “estimated” (UJ) for samples 25SB-3 (0-2) and 25SB-DUP-3 (0-2) because the percent recovery for the surrogate used to quantitate PFBA were below QC limits, but not below 10% in the samples.

- The “not detected” PFAS results for PFPeA were qualified as “estimated” (UJ) for the following samples because the percent recovery for the surrogate used to quantitate PFPeA were below QC limits, but not below 10% in the samples.

25SB-15 (0-2)	25SB-1 (11-13)	25SB-14 (4-6)	25SB-11 (0-1.5)
25SB-7 (0-2)	25SB-7 (6-8)	25SB-8 (0-2)	

- The “not detected” PFAS result for N-EtFOSA was qualified as “estimated” (UJ) for sample 25SB-3 (4-6) because the percent recovery for the surrogate used to quantitate N-EtFOSA were below QC limits, but not below 10% in the samples.

- The “not detected” PFAS results for PFBA were qualified as “rejected, unusable” (R) for the following samples because the percent recovery for the surrogate used to quantitate PFBA were below QC limits and below 10% in the samples.

25SB-15 (0-2)	25SB-15 (10-12)	25SB-1 (0-2)	25SB-1 (2-4)
25SB-1 (11-13)	25SB-14 (0-2)	25SB-14 (4-6)	25SB-14 (10-12)
25SB-11 (0-1.5)	25SB-7 (0-2)	25SB-7 (3-5)	25SB-7 (6-8)
25SB-3 (4-6)	25SB-3 (11-13)	25SB-8 (0-2)	25SB-15 (4-6)
FB-3			

- The “not detected” PFAS results for PFPeA were qualified as “rejected, unusable” (R) for samples 25SB-15 (4-6), 25SB-14 (10-12), and 25SB-3 (11-13) because the percent recovery for the surrogate used to quantitate PFPeA were below QC limits and below 10% in the samples.

- The “not detected” PFAS results for FPrPA were qualified as “estimated” (UJ) for the following samples because the percent recovery for these FPrPA was below QC limits, but not below 10% in the associated soil LCS.

25SB-15 (0-2)	25SB-15 (4-6)	25SB-15 (10-12)	25SB-1 (0-2)
25SB-1 (2-4)	25SB-1 (11-13)	25SB-14 (0-2)	25SB-14 (4-6)
25SB-14 (10-12)	25SB-11 (0-1.5)	25SB-7 (0-2)	25SB-7 (3-5)
25SB-7 (6-8)	25SB-3 (0-2)	25SB-3 (4-6)	25SB-3 (11-13)
25SB-8 (0-2)			

- The “not detected” PFAS results for 11CL-PF3OUdS9, 9CL-PF3ONS, PFDoS, and PFNS were qualified as “estimated” (UJ) for samples 25SB-8 (3-5), 25SB-8 (12.5-14.5), and 25SB-DUP-3 (0-2) because the percent recoveries for these PFAS were below QC limits, but not below 10% in the associated soil LCS.

- The “not detected” PFAS result for 9CL-PF3ONS, PFDS, and PFDoS were qualified as “estimated” (UJ) for sample FB-3 because the percent recoveries for these PFAS were below QC limits, but not below 30% in the associated aqueous LCS.

- The “not detected” PFAS results for PFMPA were qualified as “rejected, unusable” (R) for all 19 soil samples and the field duplicate because the percent recoveries for PFMPA were below QC limits and below 10% in the associated soil LCSs.

- The “not detected” PFAS result for PFMPA was qualified as “rejected, unusable” (R) for sample FB-3 because the percent recovery for PFMPA was below QC limits and below 30% in the associated aqueous LCS.

- The “not detected” PCB result for aroclor 1016 was qualified as “estimated” (UJ) for sample 25SB-1 (0-2) because percent recoveries for aroclor 1016 were below QC limits, but not below 10% for both columns in the soil MS/MSD sample.

- The positive metal results for the following metals were qualified as estimated (J) for all 19 soil samples and field duplicate because the %Ds for these 7 metals were above the allowable maximum for associated soil serial dilution samples and the results were above the RLs.

aluminum	copper	iron	magnesium
manganese	nickel	vanadium	

- The positive metal results for calcium, lead, and zinc were qualified as estimated (J) for the following samples because the %Ds for calcium, lead, and zinc were above the allowable maximum for associated soil serial dilution sample and the results were above the RLs.

25SB-15 (0-2)	25SB-15 (4-6)	25SB-15 (10-12)	25SB-1 (0-2)
25SB-1 (2-4)	25SB-1 (11-13)	25SB-14 (0-2)	25SB-14 (4-6)
25SB-14 (10-12)	25SB-11 (0-1.5)	25SB-7 (0-2)	

- The positive metal results for barium and cobalt were qualified as estimated (J) for the following samples because the %Ds for barium and cobalt were above the allowable maximum for associated soil serial dilution samples and the results were above the RLs.

25SB-15 (0-2)	25SB-15 (4-6)	25SB-15 (10-12)	25SB-1 (0-2)
25SB-1 (2-4)	25SB-1 (11-13)	25SB-14 (0-2)	25SB-14 (4-6)
25SB-14 (10-12)	25SB-11 (0-1.5)	25SB-7 (0-2)	25SB-3 (0-2)
25SB-3 (4-6)	25SB-13 (11-13)	25SB-8 (0-2)	25SB-8 (3-5)
25SB-8 (12.5-14.5)	25SB-DUP-3 (0-2)		

- The positive metal results for potassium were qualified as estimated (J) for the following samples because the %Ds for potassium were above the allowable maximum for associated soil serial dilution samples and the results were above the RLs.

25SB-1 (2-4)	25SB-1 (11-13)	25SB-14 (0-2)	25SB-14 (4-6)
25SB-14 (10-12)	25SB-11 (0-1.5)	25SB-7 (0-2)	25SB-7 (3-5)
25SB-7 (6-8)	25SB-3 (0-2)	25SB-3 (4-6)	25SB-13 (11-13)
25SB-8 (0-2)	25SB-8 (3-5)	25SB-8 (12.5-14.5)	25SB-DUP-3 (0-2)

- The positive metal results for lead, sodium, and zinc were qualified as estimated, biased low (J-) for the following samples because the percent recoveries for lead, sodium, and zinc were below control limits, but not below 10% in the associated soil spike sample.

25SB-7 (3-5)	25SB-7 (6-8)	25SB-3 (0-2)	25SB-3 (4-6)
25SB-3 (11-13)	25SB-8 (0-2)	25SB-8 (3-5)	25SB-8 (12.5-14.5)
25SB-DUP-3 (0-2)			

- The positive metal results for chromium were qualified as estimated (J) for the following samples because the %D for chromium was above the allowable maximum for associated soil serial dilution sample and the results were above the RLs.

25SB-3 (0-2)	25SB-3 (4-6)	25SB-3 (11-13)	25SB-8 (0-2)
25SB-8 (3-5)	25SB-8 (12.5-14.5)	25SB-DUP-3 (0-2)	

- The positive metal results for calcium were qualified as estimated (J) for the following samples because the relative percent difference for calcium was above the allowable maximum in the associated soil duplicate sample.

25SB-3 (0-2)	25SB-3 (4-6)	25SB-13 (11-13)	25SB-8 (0-2)
25SB-8 (3-5)	25SB-8 (12.5-14.5)	25SB-DUP-3 (0-2)	

- The positive metal results for barium, calcium, chromium, and cobalt were qualified as estimated, biased low (J-) for samples 25SB-7 (3-5) and 25SB-7 (6-8) because the percent recoveries for barium, calcium, chromium, and cobalt were below control limits, but not below 10% in the associated soil LCS.

- The “not detected” metal results for silver were qualified as estimated (UJ) for samples 25SB-7 (3-5) and 25SB-7 (6-8) because the percent recovery for silver was below control limits, but not below 10% in the associated soil LCS.

- The positive metal result for cadmium was qualified as estimated, biased low (J-) for sample 25SB-14 (0-2) because the percent recovery for cadmium was below control limits, but not below 10% in the associated soil LCS.

- The positive metal results for mercury were qualified as estimated, biased low (J-) for samples 25SB-14 (0-2) and SB-7 (0-2) because the percent recovery for mercury was below control limits, but not below 10% in the associated soil spike.

- The "not detected" metal results for antimony were qualified as estimated (UJ) for all 19 soil samples and the field duplicate because the percent recoveries for antimony were below control limits, but not below 10% in the associated soil spike samples.

- The "not detected" metal results for cadmium were qualified as estimated (UJ) for the following samples because the percent recoveries for cadmium were below control limits, but not below 10% in the associated soil LCS.

25SB-15 (0-2)	25SB-15 (4-6)	25SB-15 (10-12)	25SB-1 (0-2)
25SB-1 (2-4)	25SB-1 (11-13)	25SB-14 (4-6)	25SB-14 (10-12)
25SB-11 (0-1.5)	25SB-7 (0-2)	25SB-7 (3-5)	25SB-7 (6-8)

- The "not detected" metal results for mercury were qualified as estimated (UJ) for the following samples because the percent recovery for mercury was below control limits, but not below 10% in the associated soil spike sample.

25SB-15 (0-2)	25SB-15 (4-6)	25SB-15 (10-12)	25SB-1 (0-2)
25SB-1 (2-4)	25SB-1 (11-13)	25SB-14 (4-6)	25SB-14 (10-12)
25SB-11 (0-1.5)			

- The positive metal results for chromium were qualified as estimated, biased low (J-) for the following samples because the percent recovery for chromium was below control limits, but not below 10% in the associated soil spike.

25SB-15 (0-2)	25SB-15 (4-6)	25SB-15 (10-12)	25SB-1 (0-2)
25SB-1 (2-4)	25SB-1 (11-13)	25SB-14 (0-2)	25SB-14 (4-6)
25SB-14 (10-12)	25SB-11 (0-1.5)	25SB-7 (0-2)	

- The positive metal results for potassium were qualified as estimated, biased high (J+) for samples 25SB-15 (0-2), 25SB-15 (4-6), 25SB-15 (10-12), and 25SB-1 (0-2) because the percent recovery for potassium was above control limits, but not above 150% in the associated continuing calibration verification sample.

- The “not detected” metal results for silver were qualified as estimated (UJ) for samples 25SB-15 (0-2), 25SB-15 (4-6), 25SB-15 (10-12), and 25SB-1 (0-2) because the percent recovery for silver was below control limits, but not below 50% in the associated continuing calibration verification sample.

- The positive metal result for calcium was qualified as estimated, biased high (J+) for sample FB-3 because the percent recovery for calcium was above control limits in associated aqueous LCS.

- The positive general chemistry result for hexavalent chromium (Cr6+) was qualified as estimated, biased low (J-) for sample 25SB-7 (3-5) because 1 of 2 percent recovery for Cr6+ was above control limits in associated soil MS/MSD sample.

- The “not detected” general chemistry results for hexavalent chromium (Cr6+) were qualified as estimated, biased low (J-) for all soil samples and the field duplicate except sample 25SB-7 (3-5) because 1 or 2 percent recover for Cr6+ were above control limits in associated soil MS/MSD samples.

All data that are not qualified rejected (R) are considered usable with estimated (J-, J, J+, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Sample Information

Client Sample ID: 25SB-15 (0-2)

York Sample ID: 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-15 (0-2)

York Sample ID: 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (0-2)

York Sample ID: 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND			mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND			mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		CAL-E, CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND			mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND			mg/kg dry	0.0077	0.015	1	EPA 8260D	05/11/2025 14:28	05/11/2025 15:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Sample Information

Client Sample ID: 25SB-15 (0-2)

York Sample ID: 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (0-2)

York Sample ID: 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	R	mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (0-2)

York Sample ID: 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (0-2)

York Sample ID: 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:21	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**18.9**		ug/kg	18.9	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 18:07	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.180	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0539	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.182	0.186	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.175	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.189	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-15 (0-2)

York Sample ID: 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.192	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.194	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.166	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.150	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.197	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	UJ	ug/kg dry	0.111	0.407	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.158	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.194	0.196	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.762	0.772	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.767	0.780	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.111	0.813	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.362	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.196	0.407	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ug/kg dry	0.0630	0.407	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0976	0.407	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.160	0.191	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.605	0.762	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.618	0.813	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-15 (0-2)

York Sample ID: 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.316	0.768	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.250	0.760	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.768	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.172	0.197	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.195	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ PF-LCS-L	ug/kg dry	0.644	1.02	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.13	5.08	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.52	5.08	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.621	2.03	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.708	2.03	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:03	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*96.9 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*82.9 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*89.3 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*82.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*76.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.58 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*118 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*22.6 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*74.0 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*74.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*81.9 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*92.2 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*74.0 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*93.2 %*		*25-150*

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*94.7 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*40.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*34.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*95.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*38.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.9 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0333	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:37	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:41	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7140**	J	mg/kg dry	4.23	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.12	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.76**		mg/kg dry	1.27	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (0-2)

York Sample ID: 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**25.7**	J	mg/kg dry	2.11	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.061**		mg/kg dry	0.043	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.254	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1510**	J	mg/kg dry	4.23	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**12.0**	J-	mg/kg dry	0.424	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**4.87**	J	mg/kg dry	0.338	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**13.3**	J	mg/kg dry	1.69	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**9170**	J	mg/kg dry	21.2	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**3.51**	J	mg/kg dry	0.424	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3160**	J	mg/kg dry	4.24	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**219**	J	mg/kg dry	0.424	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**11.5**	J	mg/kg dry	0.843	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1150**	J+ M-CCV 1	mg/kg dry	4.24	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.12	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ M-CCV 1	mg/kg dry	0.427	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**107**		mg/kg dry	42.3	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.70	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**16.5**	J	mg/kg dry	0.843	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**22.2**	J	mg/kg dry	2.11	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:06	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0305	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (0-2) **York Sample ID:** 25E0288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:15 am	05/06/2025

Chromium, Hexavalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.508	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.0**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**98.4**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: 25SB-15 (4-6)

York Sample ID: 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND			mg/kg dry	0.0059	0.012	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND			mg/kg dry	0.0059	0.012	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND			mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260D	05/11/2025 14:28	05/11/2025 16:07	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (4-6)

York Sample ID: 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	R	mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (4-6)

York Sample ID: 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.172	0.345	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.345	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (4-6)

York Sample ID: 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.172	0.345	2	EPA 8270E	05/13/2025 10:13	05/15/2025 01:52	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.6 %*	*21-113*

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.7 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 18:23	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.115	0.184	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0551	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.190	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.174	0.193	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.196	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.199	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.169	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.202	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	R	ug/kg dry	0.113	0.416	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-15 (4-6)

York Sample ID: 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.152	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.199	0.201	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.780	0.790	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.785	0.798	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.113	0.832	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.370	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.201	0.416	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	PF-LCS-L ug/kg dry	0.0644	0.416	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0998	0.416	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.163	0.195	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.618	0.780	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.632	0.832	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.323	0.786	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.256	0.778	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.786	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.176	0.202	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.129	0.200	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ	PF-LCS-L ug/kg dry	0.659	1.04	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.18	5.20	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.56	5.20	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.635	2.08	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:19	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-15 (4-6)

York Sample ID: 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.724	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:19	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*99.2 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*111 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.5 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*116 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*77.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*1.31 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*123 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*8.64 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*102 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*91.5 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*93.0 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*76.6 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*120 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*97.1 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*51.8 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*50.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*99.8 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*43.5 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.0 %*		*25-150*

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0341	5	EPA 8081B	05/13/2025 10:07	05/14/2025 21:52	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.8 %*	*30-150*

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 04:55	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6750**	J	mg/kg dry	4.33	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.17	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.42**		mg/kg dry	1.30	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**32.1**	J	mg/kg dry	2.16	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.095**		mg/kg dry	0.044	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.260	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**3340**	J	mg/kg dry	4.33	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**12.7**	J-	mg/kg dry	0.433	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.29**	J	mg/kg dry	0.346	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**14.6**	J	mg/kg dry	1.73	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**12000**	J	mg/kg dry	21.7	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.43**	J	mg/kg dry	0.433	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2700**	J	mg/kg dry	4.33	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**251**	J	mg/kg dry	0.433	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**11.5**	J	mg/kg dry	0.863	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1200**	J+ M-CCV 1	mg/kg dry	4.33	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.17	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ M-CCV 1	mg/kg dry	0.437	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**170**		mg/kg dry	43.3	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.74	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**19.0**	J	mg/kg dry	0.863	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**23.8**	J	mg/kg dry	2.16	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0312	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.520	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.7**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-15 (4-6) **York Sample ID:** 25E0288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:27 am	05/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.2		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		CAL-E, CCVE mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	ICVE, QL-02 mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D	05/08/2025 17:53	05/09/2025 22:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	R	mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.202	0.404	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.202	0.404	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.201	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0505	0.101	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.202	0.404	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:24	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*47.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 18:38	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*98.0 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.135	0.215	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0645	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.128	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.218	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.209	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.230	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.232	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.241	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.198	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.152	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.125	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.180	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.236	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.133	0.487	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.178	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.189	0.243	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.232	0.235	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.913	0.925	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.919	0.935	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.133	0.974	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.169	0.433	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.235	0.487	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:35	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS -L	ug/kg dry	0.0755	0.487	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.117	0.487	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.191	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.724	0.913	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.740	0.974	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.379	0.920	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.299	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.212	0.920	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.206	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.151	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 06:35	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ PF-LCS -L	ug/kg dry	0.772	1.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.55	6.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.83	6.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.744	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.219	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.848	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.241	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:35	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*119 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*95.6 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*127 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*68.2 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.1 %*	*10-150*

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*6.80 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*141 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*76.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*131 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*82.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*84.4 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*73.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*113 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.7 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*89.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*118 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*67.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.0 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.200	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0399	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:39	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:08	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.5 %*	*30-120*

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10100**	J	mg/kg dry	5.07	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.54	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.52	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**68.5**	J	mg/kg dry	2.53	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.051	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.304	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2020**	J	mg/kg dry	5.07	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**19.4**	J-	mg/kg dry	0.508	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**8.35**	J	mg/kg dry	0.405	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**17.6**	J	mg/kg dry	2.03	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**16500**	J	mg/kg dry	25.4	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**3.55**	J	mg/kg dry	0.508	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**5250**	J	mg/kg dry	5.08	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**389**	J	mg/kg dry	0.508	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**15.3**	J	mg/kg dry	1.01	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1920**	J+ M-CCV 1	mg/kg dry	5.08	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.54	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ M-CCV 1	mg/kg dry	0.511	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**256**		mg/kg dry	50.7	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.03	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**29.3**	J	mg/kg dry	1.01	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**38.6**	J	mg/kg dry	2.53	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-15 (10-12) **York Sample ID:** 25E0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 8:29 am	05/06/2025

Mercury by 7473

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0365	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.609	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.4**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**82.2**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND	UJ	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND UJ	QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND UJ	QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:26	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	R	mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	R	mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.0948**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.0996**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.129**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.0639**	J	mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.0515**	J	mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.0996**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.217**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	R	mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0818**	J	mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.180**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.255**		mg/kg dry	0.0431	0.0860	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	05/13/2025 10:13	05/15/2025 02:56	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.1 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.0 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.8 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.7 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.7 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.8 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 18:53	SS
						Certifications:	NELAC-NY10854			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*		*39-127.5*						

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.115	0.183	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0548	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.185	0.189	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.178	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.173	0.192	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.413	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.775	0.785	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.780	0.794	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.113	0.827	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.368	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.413	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	PF-LCS-L ug/kg dry	0.0641	0.413	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0992	0.413	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.615	0.775	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.628	0.827	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.321	0.781	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.254	0.773	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.180	0.781	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.200	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ	PF-LCS-L ug/kg dry	0.655	1.03	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 06:51	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.17	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.55	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.631	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.720	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 06:51	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*113 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.6 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*123 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*99.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*82.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*62.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.51 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*116 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*54.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*75.0 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*67.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.7 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*77.2 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*60.0 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*99.3 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*90.6 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*37.8 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*25.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*30.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*37.9 %*		*25-150*

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0340	5	EPA 8081B	05/13/2025 10:07	05/14/2025 22:54	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.9 %*	*30-150*

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND	UJ	mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:22	NF
						Certifications:				

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6510**	J	mg/kg dry	4.32	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.16	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.30**		mg/kg dry	1.30	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**33.7**	J	mg/kg dry	2.16	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.073**		mg/kg dry	0.044	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.259	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1100**	J	mg/kg dry	4.32	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**13.0**	J-	mg/kg dry	0.433	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**4.82**	J	mg/kg dry	0.345	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**13.3**	J	mg/kg dry	1.73	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**9910**	J	mg/kg dry	21.6	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.22**	J	mg/kg dry	0.433	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2680**	J	mg/kg dry	4.33	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**241**	J	mg/kg dry	0.433	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**10.4**	J	mg/kg dry	0.861	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1140**	J+ M-CCV 1	mg/kg dry	4.33	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.16	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ M-CCV 1	mg/kg dry	0.436	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**101**		mg/kg dry	43.2	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.73	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**17.2**	J	mg/kg dry	0.861	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**22.7**	J	mg/kg dry	2.15	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:10	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0311	1	EPA 7473	05/10/2025 09:53	05/13/2025 21:26	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.519	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.5**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-1 (0-2) **York Sample ID:** 25E0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:10 am	05/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.4**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
67-64-1	Acetone	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
107-02-8	Acrolein	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, CAL-E	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:22	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	R	mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.169	0.338	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.338	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0844	0.169	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.169	0.338	2	EPA 8270E	05/13/2025 10:13	05/15/2025 03:27	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*86.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 19:24	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*98.0 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.180	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0539	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.182	0.186	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.175	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.189	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.192	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.194	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.166	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.150	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.197	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.407	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.158	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.194	0.196	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.762	0.773	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.767	0.781	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.111	0.813	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.362	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.196	0.407	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:39	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ug/kg dry	0.0630	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0976	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.160	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.605	0.762	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.618	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.316	0.768	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.250	0.760	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.768	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.172	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 07:39	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ PF-LCS-L	ug/kg dry	0.644	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.13	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.52	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.621	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.708	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 07:39	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*123 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*126 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*99.6 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*120 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.5 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*79.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*63.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*68.4 %*	*10-150*

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.61 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*112 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*35.5 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*92.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*61.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*68.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*93.7 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*62.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*108 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*104 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*48.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*122 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*46.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*54.2 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.167	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0334	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:09	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:36	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-120*

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5090**	J	mg/kg dry	4.24	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.12	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.27	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**22.6**	J	mg/kg dry	2.12	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.108**		mg/kg dry	0.043	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.255	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**581**	J	mg/kg dry	4.24	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**8.88**	J-	mg/kg dry	0.425	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**3.45**	J	mg/kg dry	0.339	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**7.36**	J	mg/kg dry	1.70	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**7030**	J	mg/kg dry	21.2	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**1.88**	J	mg/kg dry	0.425	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2060**	J	mg/kg dry	4.25	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**232**	J	mg/kg dry	0.425	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**7.20**	J	mg/kg dry	0.845	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**635**	J	mg/kg dry	4.25	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.12	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.428	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**70.3**		mg/kg dry	42.4	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.70	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**11.9**	J	mg/kg dry	0.845	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**14.2**	J	mg/kg dry	2.11	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:21	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (2-4) **York Sample ID:** 25E0288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:15 am	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0306	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.509	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**8.88**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**98.2**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D	05/08/2025 17:53	05/10/2025 00:49	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (11-13)

York Sample ID: 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.168	0.336	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.168	0.336	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0840	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0430**	J	mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0421	0.0840	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.168	0.336	2	EPA 8270E	05/13/2025 13:36	05/14/2025 17:32	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.8 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*23.7 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*32.6 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*31.5 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*39.4 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*32.3 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 19:39	SS
						Certifications:	NELAC-NY10854			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*		*39-127.5*						

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.182	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0546	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.188	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.177	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.172	0.192	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.152	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	UJ	ug/kg dry	0.112	0.412	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.772	0.783	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.778	0.791	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.112	0.824	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.367	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.412	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	PF-LCS-L ug/kg dry	0.0639	0.412	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0989	0.412	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.613	0.772	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.626	0.824	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.320	0.779	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.253	0.770	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.179	0.779	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.174	0.200	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ	PF-LCS-L ug/kg dry	0.653	1.03	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.16	5.15	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.54	5.15	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.629	2.06	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.718	2.06	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 07:55	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.5 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*82.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*77.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.07 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*107 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*10.3 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*94.1 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*68.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*71.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*87.0 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*64.1 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*106 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*90.2 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*67.1 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*65.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*49.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*58.3 %*		*25-150*

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0339	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:25	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.2 %*	*30-150*

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	05/13/2025 10:02	05/15/2025 05:49	NF
						Certifications:				

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10300**	J	mg/kg dry	4.31	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.15	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.70**		mg/kg dry	1.29	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**67.7**	J	mg/kg dry	2.15	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.043	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.259	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1440**	J	mg/kg dry	4.31	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**19.1**	J-	mg/kg dry	0.431	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.57**	J	mg/kg dry	0.344	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**16.8**	J	mg/kg dry	1.72	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**16400**	J	mg/kg dry	21.5	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.86**	J	mg/kg dry	0.431	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**4330**	J	mg/kg dry	4.31	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**320**	J	mg/kg dry	0.431	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**15.6**	J	mg/kg dry	0.858	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**2360**	J	mg/kg dry	4.31	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.15	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.434	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**507**		mg/kg dry	43.1	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.73	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**26.5**	J	mg/kg dry	0.858	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**38.2**	J	mg/kg dry	2.15	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:22	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0310	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.517	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.1**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-1 (11-13) **York Sample ID:** 25E0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 9:20 am	05/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.7		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (0-2)

York Sample ID: 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	**Tetrachloroethylene**	**0.034**	J- ICVE, QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	**Trichloroethylene**	**0.014**		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:17	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	UJ	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND	UJ	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	UJ	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (0-2)

York Sample ID: 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND	UJ	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	UJ	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	UJ	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.0888**	J-	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND	UJ	mg/kg dry	0.171	0.342	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.239**	J-	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	UJ	mg/kg dry	0.171	0.342	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.359**	J-	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.270**	J-	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.350**	J-	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.157**	J-	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.134**	J-	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	UJ	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.391**	J-	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.0526**	J- J	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.776**	J-	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.0765**	J- J	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.172**	J-	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.979**	J-	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	UJ	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.869**	J-	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	UJ	mg/kg dry	0.171	0.342	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:04	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*13.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*10.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*15.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*14.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*13.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*19.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 19:55	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*106 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-14 (0-2)

York Sample ID: 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.115	0.184	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0551	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.190	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.174	0.193	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.196	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.199	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.169	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.202	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.416	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.152	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.199	0.201	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.780	0.790	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.785	0.798	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.113	0.832	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.370	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.201	0.416	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:11	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-14 (0-2)

York Sample ID: 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ug/kg dry	0.0644	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0998	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.163	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.619	0.780	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.632	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.323	0.786	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.256	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.786	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.176	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.129	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 08:11	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ PF-LCS-L	ug/kg dry	0.659	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.18	5.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.56	5.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.635	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.725	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 08:11	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*113 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*105 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.0 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*122 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*124 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.3 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*77.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*92.7 %*	*10-150*

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.71 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*165 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*36.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*83.6 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*117 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*121 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*201 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*171 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*104 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*128 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*37.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*33.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*92.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*42.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*45.5 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0341	5	EPA 8081B	05/13/2025 10:07	05/14/2025 23:40	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
37324-23-5	**Aroclor 1262**	**0.0198**		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
						Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1336-36-3	*** Total PCBs**	**0.0198**		mg/kg dry	0.0172	1	EPA 8082A	05/13/2025 10:02	05/15/2025 06:03	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.0 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*		*30-120*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6410**	J	mg/kg dry	4.34	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.17	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.96**		mg/kg dry	1.30	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**42.9**	J	mg/kg dry	2.17	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.128**		mg/kg dry	0.044	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**0.278**	J-	mg/kg dry	0.260	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**3560**	J	mg/kg dry	4.34	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**14.9**	J-	mg/kg dry	0.434	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.17**	J	mg/kg dry	0.347	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**23.8**	J	mg/kg dry	1.74	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**15600**	J	mg/kg dry	21.7	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**45.4**	J	mg/kg dry	0.434	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2370**	J	mg/kg dry	4.34	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**381**	J	mg/kg dry	0.434	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**10.9**	J	mg/kg dry	0.865	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**786**	J	mg/kg dry	4.34	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.17	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.437	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**137**		mg/kg dry	43.4	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.74	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (0-2) **York Sample ID:** 25E0288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:00 am	05/06/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	**Vanadium**	**16.5**	J	mg/kg dry	0.865	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**54.6**	J	mg/kg dry	2.16	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0558**	J-	mg/kg dry	0.0312	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.521	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.9**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**96.0**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-14 (4-6)

York Sample ID: 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260D	05/08/2025 17:53	05/10/2025 01:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (4-6)

York Sample ID: 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (4-6)

York Sample ID: 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.372	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (4-6)

York Sample ID: 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.372	2	EPA 8270E	05/13/2025 13:36	05/14/2025 18:35	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*33.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*52.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*45.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 20:10	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*102 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.126	0.200	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0600	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.203	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.195	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.214	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.117	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	UJ	ug/kg dry	0.123	0.453	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.849	0.860	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.854	0.869	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.123	0.905	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.403	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.218	0.453	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	PF-LCS-L ug/kg dry	0.0701	0.453	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.109	0.453	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.178	0.213	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.673	0.849	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.688	0.905	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.352	0.855	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-14 (4-6)

York Sample ID: 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.846	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.197	0.855	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ	PF-LCS-L ug/kg dry	0.717	1.13	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.66	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.70	5.66	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.691	2.26	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.204	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.789	2.26	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 08:27	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*99.9 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*119 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*122 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*82.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*82.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.75 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*150 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*11.0 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*81.3 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*93.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*105 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*100 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*93.0 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*117 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.7 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*36.2 %*		*25-150*

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
936109-40-9	*Surrogate: d-N-EtFOSA*	*41.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*35.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*40.3 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0372	5	EPA 8081B	05/14/2025 09:22	05/15/2025 05:41	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*99.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:36	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6930**	J	mg/kg dry	4.71	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.36	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.41	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**46.7**	J	mg/kg dry	2.35	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (4-6)

York Sample ID: 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.283	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2900**	J	mg/kg dry	4.71	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**18.0**	J-	mg/kg dry	0.472	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.44**	J	mg/kg dry	0.377	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**17.9**	J	mg/kg dry	1.89	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**14000**	J	mg/kg dry	23.6	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**2.73**	J	mg/kg dry	0.472	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3730**	J	mg/kg dry	4.72	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**331**	J	mg/kg dry	0.472	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**15.2**	J	mg/kg dry	0.939	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1230**	J	mg/kg dry	4.72	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.36	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.475	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**340**		mg/kg dry	47.1	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.89	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**23.8**	J	mg/kg dry	0.939	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**41.8**	J	mg/kg dry	2.35	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0339	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-14 (4-6) **York Sample ID:** 25E0288-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:02 am	05/06/2025

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.566	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**18.0**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**88.4**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	**Tetrachloroethylene**	**0.0039**	J- J, ICVE, QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260D	05/08/2025 17:53	05/10/2025 02:11	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0968	0.193	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0485	0.0968	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:06	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*33.4 %*	*23-114*

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.9 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*55.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*41.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 20:26	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0626	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.211	0.216	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.203	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.197	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CCV-L	ug/kg dry	0.223	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.193	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.229	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	R	ug/kg dry	0.129	0.473	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ug/kg dry	0.172	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.236	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.886	0.898	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.892	0.907	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.129	0.945	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.164	0.421	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.228	0.473	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0732	0.473	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.473	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.185	0.222	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.703	0.886	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.718	0.945	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.367	0.893	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.291	0.884	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.206	0.893	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.200	0.229	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.146	0.227	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.749	1.18	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	UJ	ug/kg dry	2.48	5.91	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.77	5.91	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:16	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.722	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.823	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:16	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*85.7 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*104 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.2 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*85.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*70.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*2.23 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*114 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*4.96 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*108 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*69.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*70.2 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.5 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*64.9 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*92.4 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.7 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*63.8 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*47.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*45.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.9 %*		*25-150*

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.195	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0389	5	EPA 8081B	05/14/2025 09:22	05/16/2025 12:07	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*114 %*	*30-150*

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	05/14/2025 09:20	05/15/2025 10:09	NF
						Certifications:				

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8900**	J	mg/kg dry	4.93	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.47	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.48	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**60.5**	J	mg/kg dry	2.46	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.296	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2450**	J	mg/kg dry	4.93	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**22.0**	J-	mg/kg dry	0.494	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**8.71**	J	mg/kg dry	0.394	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**23.4**	J	mg/kg dry	1.97	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**15800**	J	mg/kg dry	24.7	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.39**	J	mg/kg dry	0.494	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**4310**	J	mg/kg dry	4.94	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**315**	J	mg/kg dry	0.494	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**13.9**	J	mg/kg dry	0.982	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1880**	J	mg/kg dry	4.94	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.47	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.497	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**270**		mg/kg dry	49.3	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.98	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**25.6**	J	mg/kg dry	0.982	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**33.6**	J	mg/kg dry	2.46	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0355	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.592	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**22.0**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-14 (10-12) **York Sample ID:** 25E0288-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:04 am	05/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.5		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	R	IS-LO	mg/kg dry	0.048	0.095	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**0.037**	J+	CCVE, IS-LO	mg/kg dry	0.0048	0.0095	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	R	IS-LO	mg/kg dry	0.0048	0.0095	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**0.019**	UR	CCVE, IS-LO, QL-02, B	mg/kg dry	0.0048	0.0095	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND	R	IS-LO	mg/kg dry	0.0048	0.0095	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	R	CAL-E, CCVE, IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	R	ICVE, IS-LO, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND	R	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND	R IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND	R IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	R IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	R IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND	R IS-LO	mg/kg dry	0.0072	0.014	1	EPA 8260D	05/08/2025 14:41	05/10/2025 02:39	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*174 %*	IS-LO, S-03, S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*86.7 %*	IS-LO	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*76.4 %*	IS-LO	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: S-Alk

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND	R	mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND	R	mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND	R	mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND	R	mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	R	mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: S-Alk

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND	R	mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND	R	mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	R	mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	R	mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	R	mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	R	mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	R	mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.188	0.375	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:** S-Alk

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.375	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0937	0.187	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: S-Alk

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	R	mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	R	mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.375	2	EPA 8270E	05/13/2025 13:36	05/14/2025 19:37	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*17.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*27.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*25.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*1.68 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*31.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 20:41	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*102 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.126	0.201	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0603	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.204	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.196	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.190	0.212	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CCV-L	ug/kg dry	0.215	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.217	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.186	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.142	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.117	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.168	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.221	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	UJ	ug/kg dry	0.124	0.455	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ug/kg dry	0.166	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.176	0.228	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.217	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.854	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.859	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.124	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.158	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.220	0.455	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0706	0.455	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.109	0.455	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.179	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.677	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.692	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.354	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.280	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.198	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.192	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.141	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 09:32	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ	ug/kg dry	0.722	1.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.39	5.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.71	5.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.695	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.205	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.793	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 09:32	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*102 %*			*25-150*						
338-30-1	*Surrogate: M5PFHxA*	*94.8 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*82.9 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*102 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*103 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*81.2 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*69.1 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.4 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.12 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*111 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*20.1 %*	PFSu-L		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*104 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*54.4 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*60.9 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*80.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*67.7 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*92.5 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*80.6 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*70.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*95.7 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*58.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.2 %*			*25-150*						

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.187	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0374	5	EPA 8081B	05/14/2025 09:22	05/15/2025 06:16	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*103 %*	*30-150*

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:04	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8240**	J	mg/kg dry	4.74	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.37	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.25**		mg/kg dry	1.42	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**59.8**	J	mg/kg dry	2.37	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.285	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**12500**	J	mg/kg dry	4.74	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**17.9**	J-	mg/kg dry	0.475	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**8.82**	J	mg/kg dry	0.379	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**19.4**	J	mg/kg dry	1.90	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**18700**	J	mg/kg dry	23.7	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**6.25**	J	mg/kg dry	0.475	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**5250**	J	mg/kg dry	4.75	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**353**	J	mg/kg dry	0.475	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**15.3**	J	mg/kg dry	0.945	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**2600**	J	mg/kg dry	4.75	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**305**		mg/kg dry	47.4	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.90	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**25.2**	J	mg/kg dry	0.945	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**37.0**	J	mg/kg dry	2.36	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND	UJ	mg/kg dry	0.0341	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.569	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**17.3**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-11 (0-1.5) **York Sample ID:** 25E0288-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 10:20 am	05/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.9**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: TB-3 **York Sample ID:** 25E0288-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 3:00 pm	05/06/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
87-61-6	1,2,3-Trichlorobenzene	ND	UJ CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:				
120-82-1	1,2,4-Trichlorobenzene	ND	UJ CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: TB-3 **York Sample ID:** 25E0288-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 3:00 pm	05/06/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	ICVE	ug/L	0.119	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: TB-3 **York Sample ID:** 25E0288-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 3:00 pm	05/06/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND	ICVE	ug/L	0.448	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	ICVE	ug/L	0.372	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	ICVE, CCVE	ug/L	0.451	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-88-4	* Iodomethane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:				
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND	UJ QL-02	ug/L	0.212	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: TB-3 **York Sample ID:** 25E0288-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 3:00 pm	05/06/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:				
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	ICVE	ug/L	0.337	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-01-4	Vinyl Chloride	ND	ICVE	ug/L	0.469	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:02	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*79-122*

Sample Information

Client Sample ID: 25SB-7 (0-2)

York Sample ID: 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.097	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.178	0.355	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.352**	J	mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.355	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.174**	J	mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.180**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.210**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.125**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.0886**	J	mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.177**	J	mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.392**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.107**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.357**	J	mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.417**		mg/kg dry	0.0445	0.0887	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.355	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:09	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*36.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.5 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 20:57	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*104 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.189	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0567	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.196	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-7 (0-2)

York Sample ID: 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CCV-L	ug/kg dry	0.202	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	UJ	ug/kg dry	0.117	0.428	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ug/kg dry	0.156	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.803	0.814	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.808	0.822	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.117	0.856	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.381	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.207	0.428	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0664	0.428	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.428	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.637	0.803	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.651	0.856	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.809	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.801	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.809	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ	ug/kg dry	0.679	1.07	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.35	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.35	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.654	2.14	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.746	2.14	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 09:48	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*111 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.8 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*103 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*101 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*84.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*72.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.32 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*124 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*21.1 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*111 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*78.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.2 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*84.1 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*69.8 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*95.5 %*		*25-150*

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*87.9 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*72.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*41.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.8 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:25	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:45	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7640**	J	mg/kg dry	4.46	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.23	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.66**		mg/kg dry	1.34	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (0-2)

York Sample ID: 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**77.3**	J	mg/kg dry	2.23	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.078**		mg/kg dry	0.045	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.268	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2760**	J	mg/kg dry	4.46	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**16.5**	J-	mg/kg dry	0.446	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.29**	J	mg/kg dry	0.357	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**27.7**	J	mg/kg dry	1.78	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**14300**	J	mg/kg dry	22.3	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**96.3**	J	mg/kg dry	0.446	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3730**	J	mg/kg dry	4.46	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**299**	J	mg/kg dry	0.446	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**12.0**	J	mg/kg dry	0.889	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1110**	J	mg/kg dry	4.46	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.23	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.450	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**263**		mg/kg dry	44.6	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.79	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**20.1**	J	mg/kg dry	0.889	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**106**	J	mg/kg dry	2.22	1	EPA 6010D	05/08/2025 08:29	05/09/2025 16:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.169**	J-	mg/kg dry	0.0321	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (0-2) **York Sample ID:** 25E0288-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:00 pm	05/06/2025

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.535	1	EPA 7196A	05/08/2025 14:37	05/08/2025 20:30	SML
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.5**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**93.4**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.064	0.13	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0095	0.019	1	EPA 8260D	05/08/2025 17:53	05/10/2025 03:34	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (3-5)

York Sample ID: 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0893	0.178	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270E	05/13/2025 13:36	05/14/2025 20:40	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*36.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*43.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.2 %*	*21-113*

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.7 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 21:12	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*108 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.195	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0583	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.201	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.189	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CCV-L	ug/kg dry	0.208	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.210	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.220	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.440	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:04	AM
						Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ug/kg dry	0.161	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.825	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.830	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.120	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.391	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.212	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0682	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.654	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.668	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.342	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.270	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.186	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:04	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ	ug/kg dry	0.697	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.31	5.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.672	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.766	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:04	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*113 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*90.5 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*96.4 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*110 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.9 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*83.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*70.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*77.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*4.90 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*110 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*27.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*90.8 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*74.9 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*79.9 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*60.3 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*107 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*86.6 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.7 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*45.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*51.6 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*62.1 %*		*25-150*

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:42	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.1 %*	*30-150*

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	05/14/2025 09:20	05/15/2025 11:58	NF
						Certifications:				

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8380**	J	mg/kg dry	4.58	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.29	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.57**		mg/kg dry	1.37	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**37.4**	J-	mg/kg dry	2.29	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.275	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1850**	J-	mg/kg dry	4.58	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**18.4**	J-	mg/kg dry	0.458	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.04**	J-	mg/kg dry	0.366	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**17.6**	J	mg/kg dry	1.83	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**13900**	J	mg/kg dry	22.9	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**4.55**	J-	mg/kg dry	0.458	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3920**	J	mg/kg dry	4.58	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**309**	J	mg/kg dry	0.458	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**13.0**	J	mg/kg dry	0.913	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1620**	J	mg/kg dry	4.58	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ	mg/kg dry	0.462	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**307**	J-	mg/kg dry	45.8	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.84	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**25.8**	J	mg/kg dry	0.913	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**32.0**	J-	mg/kg dry	2.28	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:52	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0330	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.692**	J-	mg/kg dry	0.550	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**17.7**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-7 (3-5) **York Sample ID:** 25E0288-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:05 pm	05/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.0		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.062	0.12	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**0.010**	U J, B	mg/kg dry	0.0062	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, CAL-E	mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0093	0.019	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:01	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*120 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.0 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0529**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0919	0.184	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:11	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 21:27	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-7 (6-8)

York Sample ID: 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.197	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0590	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.204	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CCV-L	ug/kg dry	0.210	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	UJ	ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ug/kg dry	0.162	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.223	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.834	0.846	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.840	0.854	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.121	0.890	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.215	0.445	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:21	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-7 (6-8)

York Sample ID: 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0690	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.662	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.676	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.346	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.274	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.138	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:21	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ	ug/kg dry	0.705	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.680	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.775	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:21	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*115 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*87.2 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*115 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.0 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.1 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*80.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*90.0 %*	*10-150*

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.25 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*128 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*23.1 %*	PFSu-L		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*106 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*77.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*82.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*92.0 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*69.7 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*93.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.3 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*46.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*70.3 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B	05/14/2025 09:22	05/15/2025 10:59	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:12	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-120*

Sample Information

Client Sample ID: 25SB-7 (6-8)

York Sample ID: 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9660**	J	mg/kg dry	4.63	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.32	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.82**		mg/kg dry	1.39	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**54.4**	J-	mg/kg dry	2.31	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	mg/kg dry	0.278	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**3370**	J-	mg/kg dry	4.64	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**21.5**	J-	mg/kg dry	0.464	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**8.69**	J-	mg/kg dry	0.370	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**21.5**	J	mg/kg dry	1.85	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**16800**	J	mg/kg dry	23.2	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**4.35**	J-	mg/kg dry	0.464	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**5690**	J	mg/kg dry	4.64	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**344**	J	mg/kg dry	0.464	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**16.7**	J	mg/kg dry	0.923	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**2220**	J	mg/kg dry	4.64	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND	UJ	mg/kg dry	0.467	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**273**	J-	mg/kg dry	46.4	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.86	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**30.4**	J	mg/kg dry	0.923	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**43.3**	J-	mg/kg dry	2.31	1	EPA 6010D	05/08/2025 14:36	05/09/2025 13:54	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-7 (6-8) **York Sample ID:** 25E0288-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:10 pm	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0334	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.556	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**21.5**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.9**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-3 (0-2)

York Sample ID: 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**1.18**		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.173	0.347	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.903**		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.347	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**7.20**	J-	mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**6.82**	J-	mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**5.97**	J-	mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**4.77**	J-	mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**5.29**	J-	mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0866	0.173	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.149**		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**7.45**	J-	mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (0-2)

York Sample ID: 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	**Dibenzo(a,h)anthracene**	**1.23**	J	mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**14.2**	J-	mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.0699**	J	mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**4.12**	J-	mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.122**		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**3.20**	J-	mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**13.2**	J-	mg/kg dry	0.434	0.866	20	EPA 8270E	05/13/2025 13:36	05/15/2025 18:46	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.173	0.347	2	EPA 8270E	05/13/2025 13:36	05/14/2025 21:42	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (0-2)

York Sample ID: 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.4 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*36.8 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*44.3 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.2 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.1 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.9 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/13/2025 09:16	05/14/2025 21:43	SS
						Certifications:	NELAC-NY10854			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*		*39-127.5*						

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.186	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0558	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.193	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CCV-L	ug/kg dry	0.199	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.421	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ug/kg dry	0.154	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.789	0.800	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.795	0.808	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	UJ	ug/kg dry	0.115	0.842	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.375	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.203	0.421	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0652	0.421	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.421	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.198	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.626	0.789	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.640	0.842	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.327	0.796	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.787	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.796	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.178	0.204	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.130	0.202	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ	ug/kg dry	0.667	1.05	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:37	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-3 (0-2)

York Sample ID: 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.643	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.734	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:37	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*98.0 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*79.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*98.2 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*101 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*91.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*75.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*67.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*16.2 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*137 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*72.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*79.1 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*95.8 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*147 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*129 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*102 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*98.8 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*32.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*30.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*40.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*48.3 %*		*25-150*

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0348	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:16	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.9 %*	*30-150*

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	05/14/2025 09:20	05/15/2025 12:27	NF
						Certifications:				

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7470**	J	mg/kg dry	4.41	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.21	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**3.76**		mg/kg dry	1.32	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**123**	J	mg/kg dry	2.20	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**0.856**		mg/kg dry	0.265	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**4640**	J	mg/kg dry	4.41	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**18.3**	J	mg/kg dry	0.441	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.48**	J	mg/kg dry	0.353	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**46.6**	J	mg/kg dry	1.76	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**14100**	J	mg/kg dry	22.1	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**165**	J-		mg/kg dry	0.441	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3910**	J		mg/kg dry	4.41	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**300**	J		mg/kg dry	0.441	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**13.7**	J		mg/kg dry	0.879	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1540**	J	B	mg/kg dry	4.41	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.21	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.445	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**215**	J-		mg/kg dry	44.1	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.77	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**22.9**	J		mg/kg dry	0.879	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**220**	J-		mg/kg dry	2.20	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.146**		mg/kg dry	0.0318	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.529	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**18.3**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-3 (0-2) **York Sample ID:** 25E0288-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:20 pm	05/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.5**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (4-6)

York Sample ID: 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D	05/08/2025 17:53	05/10/2025 04:56	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	UJ	mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND	UJ	mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	UJ CAL-E	mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (4-6)

York Sample ID: 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND	UJ CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND	UJ	mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	UJ	mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	UJ CAL-E, CCVE	mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND	UJ	mg/kg dry	0.177	0.355	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.119**	J-	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	UJ	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	UJ CAL-E	mg/kg dry	0.177	0.355	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.268**	J-	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.239**	J-		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.324**	J-		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.201**	J-	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.108**	J-		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	UJ	CAL-E	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	UJ	ICVE	mg/kg dry	0.0886	0.177	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.292**	J-		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.0510**	J-	J	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.603**	J-		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND	UJ	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	UJ	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.181**	J-	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	UJ	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	UJ	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	UJ	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	UJ	CAL-E, CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.569**	J-		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	UJ		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.535**	J-		mg/kg dry	0.0444	0.0886	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	UJ		mg/kg dry	0.177	0.355	2	EPA 8270E	05/13/2025 13:36	05/15/2025 15:54	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*14.4 %*	S-08	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.8 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*10.6 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*15.8 %*	S-08	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*17.9 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*15.3 %*	S-08	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	05/14/2025 09:42	05/15/2025 00:47	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.192	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0576	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.199	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CCV-L	ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.435	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ug/kg dry	0.159	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.815	0.826	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.820	0.834	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.118	0.869	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.387	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.210	0.435	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 10:53	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-3 (4-6)

York Sample ID: 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0674	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.646	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.660	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.338	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.267	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.135	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 10:53	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ	ug/kg dry	0.689	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.28	5.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.664	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.757	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM
4151-50-2	* N-EtFOSA	ND	UJ	ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 10:53	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*95.9 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*74.4 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*95.4 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.5 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*78.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*85.7 %*	*10-150*

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.39 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*125 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*36.0 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*66.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.2 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*85.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*94.3 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*91.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*85.0 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*90.5 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*28.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*21.1 %*	PFSu-L		*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*85.6 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*30.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*38.8 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:33	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	05/14/2025 09:20	05/16/2025 10:55	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-120*

Sample Information

Client Sample ID: 25SB-3 (4-6)

York Sample ID: 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8070**	J	mg/kg dry	4.54	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.27	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.09**		mg/kg dry	1.36	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**51.7**	J	mg/kg dry	2.27	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.273	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2650**	J	mg/kg dry	4.54	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**19.7**	J	mg/kg dry	0.455	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.06**	J	mg/kg dry	0.363	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**18.7**	J	mg/kg dry	1.82	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**16500**	J	mg/kg dry	22.7	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**9.19**	J-	mg/kg dry	0.455	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3460**	J	mg/kg dry	4.55	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**386**	J	mg/kg dry	0.455	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**13.6**	J	mg/kg dry	0.905	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1750**	J B	mg/kg dry	4.55	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.458	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**136**	J-	mg/kg dry	45.4	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.82	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**24.6**	J	mg/kg dry	0.905	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**36.9**	J-	mg/kg dry	2.26	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (4-6) **York Sample ID:** 25E0288-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:22 pm	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0327	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.545	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.7**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.7**		%	0.100	1	SM 2540G	05/08/2025 08:52	05/08/2025 10:46	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	UJ IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND	UJ IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND	UJ IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	UJ IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND	UJ IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND	UJ IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	UJ	IS-LO	mg/kg dry	0.051	0.10	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND	UJ	IS-LO	mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	UJ	IS-LO	mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	UJ	CCVE, IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	UJ	CCVE, IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND	UJ	IS-LO	mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND	UJ	IS-LO	mg/kg dry	0.0051	0.010	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ	IS-LO, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	UJ	CAL-E, CCVE, IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	UJ	IS-LO	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	UJ	IS-LO, CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND	UJ	IS-LO	mg/kg dry	0.0077	0.015	1	EPA 8260D	05/11/2025 14:28	05/11/2025 17:00	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*141 %*	IS-LO, S-03, S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	IS-LO	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.4 %*	IS-LO	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (11-13)

York Sample ID: 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.186	0.373	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.373	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0931	0.186	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.373	2	EPA 8270E	05/13/2025 13:36	05/14/2025 22:44	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*24.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*22.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*30.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*24.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 15:47	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*122 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0599	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.207	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CCV-L	ug/kg dry	0.214	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	R	ug/kg dry	0.123	0.452	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.847	0.859	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.853	0.868	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.123	0.904	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.218	0.452	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0701	0.452	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.452	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.672	0.847	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.687	0.904	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.854	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.845	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.197	0.854	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CC V-L	ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ	ug/kg dry	0.716	1.13	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.65	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.65	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.690	2.26	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.788	2.26	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:09	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*84.5 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*84.2 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*70.3 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*97.0 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*93.3 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*92.9 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*73.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*60.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*58.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.37 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*104 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*8.24 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*89.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*65.1 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*64.4 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*88.9 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*72.0 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*93.1 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*79.0 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*56.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*35.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*85.2 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*39.5 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*49.5 %*		*25-150*

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0372	5	EPA 8081B	05/14/2025 09:22	05/15/2025 11:50	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*118 %*	*30-150*

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:09	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13800**	J	mg/kg dry	4.73	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.36	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**3.12**		mg/kg dry	1.42	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**103**	J	mg/kg dry	2.36	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.075**		mg/kg dry	0.048	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.284	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**16100**	J	mg/kg dry	4.73	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**25.2**	J	mg/kg dry	0.473	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**10.9**	J	mg/kg dry	0.378	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**25.8**	J	mg/kg dry	1.89	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**25000**	J	mg/kg dry	23.6	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**6.92**	J-		mg/kg dry	0.473	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**10200**	J		mg/kg dry	4.73	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**520**	J		mg/kg dry	0.473	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**24.5**	J		mg/kg dry	0.942	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**4010**	J	B	mg/kg dry	4.73	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.36	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.476	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**247**	J-		mg/kg dry	47.3	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.89	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**32.7**	J		mg/kg dry	0.942	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**52.1**	J-		mg/kg dry	2.35	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0340	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.567	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**25.2**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-3 (11-13) **York Sample ID:** 25E0288-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:24 pm	05/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.1**		%	0.100	1	SM 2540G	05/08/2025 09:45	05/08/2025 13:14	JG
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (0-2)

York Sample ID: 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND	UJ	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260D	05/08/2025 17:53	05/09/2025 23:00	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.0 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	R	mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.171	0.342	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.171	0.342	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (0-2)

York Sample ID: 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.161**	J		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND			mg/kg dry	0.0854	0.171	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.0430**	J	J	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND			mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	R	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	R	mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0428	0.0854	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	R	mg/kg dry	0.171	0.342	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:15	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*37.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*41.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	05/14/2025 09:42	05/15/2025 01:03	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*78.0 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-8 (0-2)

York Sample ID: 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.116	0.185	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0554	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.187	0.191	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.180	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.175	0.194	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-CCV-L	ug/kg dry	0.197	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.170	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.203	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	UJ	ug/kg dry	0.114	0.418	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ug/kg dry	0.153	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.162	0.209	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.784	0.794	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.789	0.803	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ug/kg dry	0.114	0.836	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.145	0.372	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.202	0.418	1	EPA 1633 Draft 3	05/09/2025 10:24	05/13/2025 11:25	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-8 (0-2)

York Sample ID: 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ug/kg dry	0.0648	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.100	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.164	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.622	0.784	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.635	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.325	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.257	0.782	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.182	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.177	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ug/kg dry	0.130	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/09/2025 10:24	05/13/2025 11:25	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	UJ	ug/kg dry	0.663	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.19	5.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.57	5.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.638	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.728	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/09/2025 10:24	05/13/2025 11:25	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*97.1 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*104 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*81.4 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*101 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*71.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.5 %*	*10-150*

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.53 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*121 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*12.8 %*	PFSu-L		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*103 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*74.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*84.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*93.5 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*73.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*113 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*93.0 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*78.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.6 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*52.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.2 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0339	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:10	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:22	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.5 %*	*30-120*

Sample Information

Client Sample ID: 25SB-8 (0-2)

York Sample ID: 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7400**	J	mg/kg dry	4.35	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.18	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.72**		mg/kg dry	1.31	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**59.0**	J	mg/kg dry	2.17	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.261	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**7740**	J	mg/kg dry	4.35	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**18.0**	J	mg/kg dry	0.436	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.16**	J	mg/kg dry	0.348	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**25.3**	J	mg/kg dry	1.74	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**15200**	J	mg/kg dry	21.8	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**59.4**	J-	mg/kg dry	0.436	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**4120**	J	mg/kg dry	4.36	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**315**	J	mg/kg dry	0.436	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**15.1**	J	mg/kg dry	0.867	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1750**	J B	mg/kg dry	4.36	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.18	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.439	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**192**	J-	mg/kg dry	43.5	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.75	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**23.5**	J	mg/kg dry	0.867	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**70.6**	J-	mg/kg dry	2.17	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:09	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (0-2) **York Sample ID:** 25E0288-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:45 pm	05/06/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0763**		mg/kg dry	0.0313	1	EPA 7473	05/10/2025 09:48	05/13/2025 21:15	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.522	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**18.0**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**95.7**		%	0.100	1	SM 2540G	05/08/2025 09:45	05/08/2025 13:14	JG
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	UJ CCVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	UJ QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND	UJ	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	UJ	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND			mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	UJ	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	UJ	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND			mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND			mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND	UJ	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND			mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND			mg/kg dry	0.0026	0.0052	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND			mg/kg dry	0.0077	0.015	1	EPA 8260D	05/08/2025 17:14	05/09/2025 23:32	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	05/13/2025 13:36	05/14/2025 23:47	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*41.4 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.9 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*39.4 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.3 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.1 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*44.7 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 16:03	SS
						Certifications:	NELAC-NY10854			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*104 %*		*39-127.5*						

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.180	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0539	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.182	0.186	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.175	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.189	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.192	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.194	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.166	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.151	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.197	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.407	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.158	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.194	0.196	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.763	0.773	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.768	0.781	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.814	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.362	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.196	0.407	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	PF-LCS-L ug/kg dry	0.0631	0.407	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0976	0.407	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.160	0.191	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.605	0.763	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.618	0.814	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND	UJ	PF-LCS-L ug/kg dry	0.316	0.769	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND	UJ	PF-LCS-L ug/kg dry	0.250	0.761	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.769	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ	PF-LCS-L ug/kg dry	0.172	0.197	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	UJ	PF-CCV-L, PF-LCS-L ug/kg dry	0.126	0.195	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 22:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.645	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.13	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.53	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.621	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.709	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 22:47	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*122 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.1 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*113 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*123 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*77.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*71.0 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*129 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*110 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*110 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*82.9 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*89.2 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*102 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*78.8 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*101 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*110 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*56.0 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*46.8 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*55.3 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*58.1 %*	*25-150*

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0336	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:27	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*108 %*	*30-150*

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:36	NF
						Certifications:				

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5620**	J	mg/kg dry	4.26	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.13	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.36**		mg/kg dry	1.28	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**26.5**	J	mg/kg dry	2.13	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.043	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.256	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2380**	J	mg/kg dry	4.26	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**15.3**	J	mg/kg dry	0.427	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.16**	J	mg/kg dry	0.341	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**14.9**	J	mg/kg dry	1.71	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**11300**	J	mg/kg dry	21.3	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**2.28**	J-		mg/kg dry	0.427	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3280**	J		mg/kg dry	4.27	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**221**	J		mg/kg dry	0.427	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**11.5**	J		mg/kg dry	0.849	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**981**	J	B	mg/kg dry	4.27	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.13	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.430	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**186**	J-		mg/kg dry	42.6	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.71	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**21.6**	J		mg/kg dry	0.849	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**28.1**	J-		mg/kg dry	2.12	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0307	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.512	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**15.3**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-8 (3-5) **York Sample ID:** 25E0288-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:48 pm	05/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	97.7		%	0.100	1	SM 2540G	05/08/2025 09:45	05/12/2025 17:17	AD
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag		Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND			mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND			mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND			mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND			mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND			mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND			mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND			mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	UJ	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND			mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	UJ	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND			mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND			mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND	UJ	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND			mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND			mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.065	0.13	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0065	0.013	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5)

York Sample ID: 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	UJ CCVE, QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	UJ QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	UJ QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	UJ QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	UJ QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND	UJ QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5)

York Sample ID: 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0097	0.019	1	EPA 8260D	05/08/2025 17:14	05/10/2025 00:24	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:18	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*92.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*73.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*93.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*125 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*129 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 16:18	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*106 %*	*39-127.5*

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5)

York Sample ID: 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.116	0.185	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0555	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.187	0.192	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.180	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.203	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.419	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.162	0.209	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.785	0.795	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.790	0.804	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.837	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.145	0.373	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.202	0.419	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:03	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5)

York Sample ID: 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	PF-LCS-L	ug/kg dry	0.0649	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND			ug/kg dry	0.100	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND			ug/kg dry	0.164	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND			ug/kg dry	0.623	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
13252-13-6	* HFPO-DA (Gen-X)	ND			ug/kg dry	0.636	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
763051-92-9	* 11CL-PF3OUdS	ND	UJ	PF-LCS-L	ug/kg dry	0.326	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
756426-58-1	* 9CL-PF3ONS	ND	UJ	PF-LCS-L	ug/kg dry	0.257	0.783	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
919005-14-4	* ADONA	ND			ug/kg dry	0.182	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ	PF-LCS-L	ug/kg dry	0.177	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	UJ	PF-CCV-L, PF-LCS-L	ug/kg dry	0.130	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	05/08/2025 15:48	05/12/2025 23:03	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND			ug/kg dry	0.664	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND			ug/kg dry	2.20	5.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND			ug/kg dry	1.57	5.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
24448-09-7	* N-MeFOSE	ND			ug/kg dry	0.640	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
31506-32-8	* N-MeFOSA	ND			ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
1691-99-2	* N-EtFOSE	ND			ug/kg dry	0.730	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM
4151-50-2	* N-EtFOSA	ND			ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	05/08/2025 15:48	05/12/2025 23:03	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*128 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*122 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.5 %*	*25-150*

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*70.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*119 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*124 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*124 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*110 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.8 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*103 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*86.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*110 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*48.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*130 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*52.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.2 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.168	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0337	5	EPA 8081B	05/14/2025 09:22	05/15/2025 12:44	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	05/14/2025 09:20	05/16/2025 11:50	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.0 %*			*30-120*					
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*			*30-120*					

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5740**	J	mg/kg dry	4.38	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.19	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.43**		mg/kg dry	1.31	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**46.8**	J	mg/kg dry	2.19	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.263	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2280**	J	mg/kg dry	4.38	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**14.0**	J	mg/kg dry	0.438	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**8.90**	J	mg/kg dry	0.350	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**12.4**	J	mg/kg dry	1.75	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**23000**	J	mg/kg dry	21.9	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**1.92**	J-	mg/kg dry	0.438	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3720**	J	mg/kg dry	4.38	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**533**	J	mg/kg dry	0.438	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**13.7**	J	mg/kg dry	0.872	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1010**	J B	mg/kg dry	4.38	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.19	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.441	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**275**	J-	mg/kg dry	43.8	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.75	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-8 (12.5-14.5) **York Sample ID:** 25E0288-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 1:50 pm	05/06/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	**Vanadium**	**26.0**	J	mg/kg dry	0.872	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**22.5**	J-	mg/kg dry	2.18	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:18	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0315	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.525	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.0**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**95.2**		%	0.100	1	SM 2540G	05/08/2025 09:45	05/08/2025 13:14	JG
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	UJ QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ	QL-02 mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ	QL-02 mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		CAL-E, CCVE mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		CCVE mg/kg dry	0.0026	0.0053	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	05/11/2025 14:28	05/11/2025 18:45	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.175	0.351	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.206**	J	mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.351	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.256**	J	mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.247**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.285**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.152**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.116**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0876	0.175	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.294**	J	mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.390**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.147**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2)

York Sample ID: 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.211**	J	mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.559**		mg/kg dry	0.0439	0.0876	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.351	2	EPA 8270E	05/13/2025 13:36	05/15/2025 00:50	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*44.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*35.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	05/12/2025 07:22	05/13/2025 16:33	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*39-127.5*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0560	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.422	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.792	0.803	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.797	0.811	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.845	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.376	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.422	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS -L	ug/kg dry	0.0655	0.422	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND	UJ	ug/kg dry	0.101	0.422	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.628	0.792	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.642	0.845	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND	UJ PF-LCS -L	ug/kg dry	0.328	0.798	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
756426-58-1	* 9CL-PF3ONS	ND	UJ PF-LCS-L	ug/kg dry	0.260	0.790	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.798	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ PF-LCS-L	ug/kg dry	0.178	0.205	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	UJ PF-CCV-L, PF-LCS-L	ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.670	1.06	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.22	5.28	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.28	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.645	2.11	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.736	2.11	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3	05/08/2025 15:48	05/12/2025 23:20	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*125 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*95.9 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*123 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*78.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*71.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*17.5 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*128 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*80.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*107 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.6 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*96.0 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*113 %*		*25-150*

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*101 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*55.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*45.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*66.4 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.172	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0344	5	EPA 8081B	05/14/2025 09:22	05/15/2025 13:02	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	05/14/2025 09:20	05/16/2025 12:04	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7870**	J	mg/kg dry	4.43	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND	UJ	mg/kg dry	2.22	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**3.57**		mg/kg dry	1.33	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag		Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**51.2**	J		mg/kg dry	2.21	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND			mg/kg dry	0.045	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND			mg/kg dry	0.266	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2600**	J		mg/kg dry	4.44	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**15.9**	J		mg/kg dry	0.444	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.17**	J		mg/kg dry	0.354	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**32.5**	J		mg/kg dry	1.77	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**14100**	J		mg/kg dry	22.2	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**76.4**	J-		mg/kg dry	0.444	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3570**	J		mg/kg dry	4.44	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**269**	J		mg/kg dry	0.444	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**12.2**	J		mg/kg dry	0.884	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1470**	J	B	mg/kg dry	4.44	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND			mg/kg dry	2.22	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND			mg/kg dry	0.447	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**331**	J-		mg/kg dry	44.4	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND			mg/kg dry	1.78	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**20.5**	J		mg/kg dry	0.884	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**146**	J-		mg/kg dry	2.21	1	EPA 6010D	05/08/2025 14:39	05/09/2025 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.131**		mg/kg dry	0.0319	1	EPA 7473	05/09/2025 12:14	05/13/2025 16:28	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-DUP-3 (0-2) **York Sample ID:** 25E0288-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Soil	May 6, 2025 12:01 pm	05/06/2025

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	UJ	mg/kg dry	0.532	1	EPA 7196A	05/09/2025 09:34	05/09/2025 17:24	JMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**15.9**		mg/kg	0.500	1	Calculation	05/12/2025 19:04	05/12/2025 19:21	SL
						Certifications:				

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**93.9**		%	0.100	1	SM 2540G	05/08/2025 09:45	05/08/2025 13:14	JG
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	UJ CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND	UJ CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	ICVE	ug/L	0.119	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND			ug/L	0.284	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ICVE	ug/L	0.448	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND			ug/L	0.243	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ICVE	ug/L	0.372	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND			ug/L	0.294	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND			ug/L	0.262	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND			ug/L	0.146	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND			ug/L	0.203	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND			ug/L	0.290	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		CCVE	ug/L	0.241	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND			ug/L	0.405	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ICVE	ug/L	0.442	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND			ug/L	0.244	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND			ug/L	0.477	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND			ug/L	0.397	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND	UJ	QL-02	ug/L	0.212	2.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND			ug/L	0.399	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND			ug/L	0.384	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND			ug/L	0.261	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND			ug/L	0.578	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND			ug/L	0.341	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:				
622-96-8	* p-Ethyltoluene	ND			ug/L	0.200	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
								Certifications:				

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	ICVE	ug/L	0.337	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	ICVE	ug/L	0.469	0.500	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	05/13/2025 10:04	05/13/2025 21:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*79-122*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	UJ HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	UJ HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND	UJ HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND	UJ HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND	UJ HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND	UJ HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	R	CAL-E, HT-PR, QL-02	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ	CAL-E, HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	R	CAL-E, QL-02, HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	UJ	HT-PR	ug/L	5.00	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	UJ	HT-PR	ug/L	1.00	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	R	QL-02, HT-PR	ug/L	5.00	10.0	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND	R	QL-02, HT-PR	ug/L	0.750	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND	UJ	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:				
110-86-1	Pyridine	ND	R	HT-PR, QL-02	ug/L	2.50	5.00	1	EPA 8270D	05/14/2025 08:28	05/14/2025 23:23	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.4 %*	HT-PR	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*13.4 %*	HT-PR	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.1 %*	HT-PR, S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*38.7 %*	HT-PR, S-08	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*46.6 %*	HT-PR	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.7 %*	HT-PR	*30.7-106*

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	UJ	ug/L	0.500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND	UJ	ug/L	0.500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND	UJ	ug/L	0.0200	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	UJ	ug/L	0.500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	UJ	ug/L	0.500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	UJ	ug/L	0.250	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	UJ	ug/L	0.500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	UJ	ug/L	0.250	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND	UJ	ug/L	0.0500	1	EPA 8270D SIM	05/14/2025 08:37	05/16/2025 11:32	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	HT-PR	ug/L	0.300	1	EPA 8270E SIM	05/20/2025 08:54	05/20/2025 15:47	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	HT-PR	*36.6-118*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.449	1.69	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.334	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.678	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.649	1.75	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.401	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.783	1.78	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.496	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.716	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.707	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.659	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.754	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.983	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.220	3.82	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.869	1.82	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	UJ	ng/L	1.26	1.84	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.16	7.26	1	EPA 1633 Draft 3	05/07/2025 14:22	05/08/2025 23:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.96	7.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ng/L	0.315	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.477	3.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 23:46	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.04	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 23:46	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R	ng/L	0.239	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 23:46	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.353	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/07/2025 14:22	05/08/2025 23:46	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.726	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.71	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.08	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
756426-58-1	9CL-PF3ONS	ND	UJ	ng/L	0.668	7.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
919005-14-4	ADONA	ND		ng/L	0.506	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	UJ	ng/L	0.888	1.85	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ng/L	0.821	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/07/2025 14:22	05/08/2025 23:46	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.94	4.77	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.00	23.9	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.04	23.9	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.91	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.72	1.91	1	EPA 1633 Draft 3 Certifications:	05/07/2025 14:22	05/08/2025 23:46	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*120 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.3 %*	*25-150*

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*144 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*114 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*87.9 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*82.6 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.9 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*3.73 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*152 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*71.7 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*131 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*83.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*91.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*99.3 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*75.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*125 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*109 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*94.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*88.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*90.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*108 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	05/12/2025 08:50	05/14/2025 05:30	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*98.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	05/12/2025 08:47	05/13/2025 03:58	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**0.902**	J+ M-BS	mg/L	0.0556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**0.0892**		mg/L	0.0556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**0.338**		mg/L	0.0556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**1.12**		mg/L	0.556	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/07/2025 09:03	05/08/2025 17:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB-3 **York Sample ID:** 25E0288-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0288	32-20 38th Avenue, Queens New York	Water	May 6, 2025 9:30 am	05/06/2025

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/07/2025 08:55	05/09/2025 14:34	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	05/07/2025 08:55	05/09/2025 14:34	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/07/2025 08:55	05/09/2025 14:34	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/07/2025 08:55	05/09/2025 14:34	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	* Selenium	ND		ug/L	1.11	1	EPA 6020B	05/07/2025 08:55	05/09/2025 14:34	cw
						Certifications:	CTDOH-PH-0723			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/07/2025 08:55	05/09/2025 14:34	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/06/2025 22:40	05/06/2025 23:00	sml
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/12/2025 19:07	05/12/2025 19:20	SL
						Certifications:				

Analyzed by: Phoenix Environmental Labs, Inc.

SW7470A

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	SW7470A	05/12/2025 00:00	05/12/2025 12:38	CT007
							Certifications:				

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data for
York Analytical Laboratories, Inc., SDG: 25E0288

19 Soil Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected May 6, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, bromoform, bromomethane, chloroethane, chloromethane, and methyl acetate were below the method minimums, but not below 0.010 for QVOA9 on 05-05-25. The average RRFs for 2-butanone, 2-hexanone, and bromoform were below the method minimums, but not below 0.010 for VOA No. 3 on 05-07-25. The average RRF for bromoform was below the method minimums, but not below 0.010 for VOA No. 5 on 05-08-25. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %RSD for 1,2-dibromo-3-chloropropane was above the allowable maximum (30%) for VOA #11 on 04-25-25. The %RSDs for acetone and bromomethane were above the allowable maximum (30%) for QVOA9 on 05-05-25. The %RSD for 1,2,4-trichlorobenzene was above the allowable maximum (30%) for VOA No. 3 on 05-07-25. The %RSDs for bromoform and methylene chloride were above the allowable maximum (30%) for VOA No. 5 on 05-08-25. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRF for bromoform was below the method minimums, but not below 0.010 on 05-09-25 (V5446408.D). The RRF for bromoform was below the method minimums, but not below 0.010 on 05-11-25 (V31904979.D). The RRFs for 2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, bromoform, bromomethane, chloroethane, chloromethane, and methyl acetate were below the method minimums, but not below 0.010

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

on 05-13-25 (QV935667.D). The %Ds for 5 compounds (highlighted yellow on attached FORM VII) were above the method maximum on 05-09-25 (V5446408.D). The %Ds for 7 compounds (marked with a red X on attached FORM VII) were above the method maximum on 05-11-25 (V31904979.D). The %Ds for chloromethane, dichlorodifluoromethane, methylene chloride, and vinyl chloride were above the method maximum on 05-09-25 (V11C026369.D). The %Ds for 1,2,4-trichlorobenzene, 2-butanone, dichlorodifluoromethane, and methyl acetate were above the method maximum on 05-13-25 (QV935667.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for 5 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 05-09-25 (V5446408.D). The %Ds for 10 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 05-11-25 (V31904979.D). The %Ds for chloromethane, dichlorodifluoromethane, hexachlorobutadiene, methylene chloride, and vinyl chloride were above the allowable maximum (20%) on 05-09-25 (V11C026369.D). The %Ds for 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 2-butanone, acrylonitrile, dichlorodifluoromethane, hexachlorobutadiene, methyl acetate, and TBA were above the allowable maximum (20%) on 05-13-25 (QV935667.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank BE50667-BLK1 contained a trace of methylene chloride (0.020 mg/kg). Method blank BE50669-BLK1 contained a trace of methylene chloride (0.022 mg/kg). Method blank BE51092-BLK1 contained a trace of chloromethane (0.810 ug/L). Positive results for methylene chloride that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples. Positive results for chloromethane that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard retention times were within control limits. Three of three internal standard areas for sample 25SB-3 (11-13) were below control limits, but not below 25%. Positive results should be considered estimated, biased high (J+) and "not detected" results estimated (UJ) in sample 25SB-3 (11-13).

Three of three internal standard areas for sample 25SB-11 (0-1.5) were below control limits and below 25%. Positive results should be considered estimated, biased high (J+) and "not detected" results rejected, unusable (R) in sample 25SB-11 (0-1.5).

Surrogate Recovery: One of three surrogate recoveries for samples 25SB-11 (0-1.5) and 25SB-3 (11-13) was above control limits. Positive results for compounds should be considered estimated, biased high (J+) in samples 25SB-11 (0-1.5) and 25SB-3 (11-13).

Matrix Spike/Matrix Spike Duplicate: The relative percent difference (RPD) for hexachlorobutadiene was above the allowable maximum; 1 of 2 percent recoveries (%Rs) for methyl acetate was above QC limits; and 1 of 2 %Rs for cyclohexane and methylcyclohexane were below QC limits, but not below 10% for soil MS/MSD sample 25SB-8 (0-2). The "not detected" results for cyclohexane and methylcyclohexane should be considered estimated (UJ) in sample 25SB-8 (0-2).

The RPDs for 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene methylcyclohexane, hexachlorobutadiene, and TBA were above the allowable maximum; 1 of 2 percent recoveries (%Rs) for methyl acetate was above QC limits; and 1 of 2 %Rs for cyclohexane and methylcyclohexane for were below QC limits, but not below 10% for soil MS/MSD sample 25SB-1 (0-2). The "not detected" results for methylcyclohexane and cyclohexane should be considered estimated (UJ) in sample 25SB-1 (0-2).

Laboratory Control Sample: The relative percent difference (RPD) for TBA was above the allowable maximum for aqueous samples BE51092-BS1/BSD1. Positive results for TBA should be considered estimated (J) in associated aqueous samples.

One of two percent recoveries (%Rs) for 1,3,5-trimethylbenzene and p-ethyltoluene were above QC limits for aqueous samples BE51092-BS1/BSD1. Positive results for these compounds should be considered estimated, biased high (J+) in associated aqueous samples.

Two of two %Rs for cyclohexane and 1 of 2 %Rs for 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene were below QC limits, but not below 30% for aqueous samples BE51092-BS1/BSD1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Two of two %Rs for 1,4-dioxane were below QC limits and below 30% for aqueous samples BE51092-BS1/BSD1. Positive results for 1,4-dioxane should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

The RPDs for acrolein, chloromethane, dichlorodifluoromethane, and methyl acetate were above the allowable maximum for soil samples BE50667-BS1/BSD1. Positive results for these compounds should be considered estimated (J) in associated soil samples.

One of two %Rs for dichlorodifluoromethane and methylene chloride were above QC limits for soil samples BE50667-BS1/BSD1. The %R for methylene chloride was above QC limits for soil sample BE50669-BS1. Positive results for these compounds should be considered estimated, biased high (J+) in associated soil samples.

One or two %Rs for 15 compounds (highlighted yellow on attached FORM III) were below QC limits, but not below 10% for soil samples BE50667-BS1/BSD1. The %R for tetrachloroethylene was below QC limits, but not below 10% for soil sample BE50669-BS1. The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for p-isopropyltoluene, and styrene and 1 of 2 %Rs for ethyl benzene were below QC limits, but not below 10% for soil samples BE50816-BS1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" estimated (UJ)in associated soil samples.

Field Duplicates: The analyses of soil field duplicate pair 25SB-7 (0-2)/25SB-DUP-3 (0-2) reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compounds and surrogates were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1208 Instrument: VOA No. 5

Calibration: SE50012

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-1 (11-13) (25E0288-06)			Lab File ID: V5446419.D		Analyzed: 05/10/25 00:49			
SURR: 1,2-Dichloroethane-d4	50.0	106	77 - 125	5.641	5.641	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	99.0	85 - 120	7.467	7.464572	0.0024	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	100	76 - 130	10.229	10.22943	-0.0004	+/-1.00	
25SB-14 (0-2) (25E0288-07)			Lab File ID: V5446420.D		Analyzed: 05/10/25 01:17			
SURR: 1,2-Dichloroethane-d4	50.0	105	77 - 125	5.641	5.641	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	99.6	85 - 120	7.468	7.464572	0.0034	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	105	76 - 130	10.23	10.22943	0.0006	+/-1.00	
25SB-14 (4-6) (25E0288-08)			Lab File ID: V5446421.D		Analyzed: 05/10/25 01:44			
SURR: 1,2-Dichloroethane-d4	50.0	104	77 - 125	5.641	5.641	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	99.8	85 - 120	7.468	7.464572	0.0034	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	102	76 - 130	10.23	10.22943	0.0006	+/-1.00	
25SB-14 (10-12) (25E0288-09)			Lab File ID: V5446422.D		Analyzed: 05/10/25 02:11			
SURR: 1,2-Dichloroethane-d4	50.0	106	77 - 125	5.641	5.641	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	99.8	85 - 120	7.467	7.464572	0.0024	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	103	76 - 130	10.229	10.22943	-0.0004	+/-1.00	
25SB-11 (0-1.5) (25E0288-10)			Lab File ID: V5446423.D		Analyzed: 05/10/25 02:39			
SURR: 1,2-Dichloroethane-d4	50.0	174	77 - 125	5.641	5.641	0.0000	+/-1.00	*
SURR: Toluene-d8	50.0	86.7	85 - 120	7.468	7.464572	0.0034	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	76.4	76 - 130	10.23	10.22943	0.0006	+/-1.00	
25SB-7 (0-2) (25E0288-12)			Lab File ID: V5446424.D		Analyzed: 05/10/25 03:06			
SURR: 1,2-Dichloroethane-d4	50.0	105	77 - 125	5.641	5.641	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	100	85 - 120	7.467	7.464572	0.0024	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	103	76 - 130	10.229	10.22943	-0.0004	+/-1.00	
25SB-7 (3-5) (25E0288-13)			Lab File ID: V5446425.D		Analyzed: 05/10/25 03:34			
SURR: 1,2-Dichloroethane-d4	50.0	105	77 - 125	5.641	5.641	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	99.7	85 - 120	7.467	7.464572	0.0024	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	101	76 - 130	10.229	10.22943	-0.0004	+/-1.00	
25SB-7 (6-8) (25E0288-14)			Lab File ID: V5446426.D		Analyzed: 05/10/25 04:01			
SURR: 1,2-Dichloroethane-d4	50.0	120	77 - 125	5.641	5.641	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	97.8	85 - 120	7.468	7.464572	0.0034	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	97.0	76 - 130	10.23	10.22943	0.0006	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E1221
Instrument: VOA No. 3
Calibration: SE50010

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5E1221-CCV1)			Lab File ID: V31904979.D		Analyzed: 05/11/25 13:56			
SURR: 1,2-Dichloroethane-d4	50.0	99.4	80 - 120	5.833	5.836	-0.0030	+/-1.00	
SURR: Toluene-d8	50.0	98.5	80 - 120	7.669	7.670286	-0.0013	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	92.5	80 - 120	10.448	10.44757	0.0004	+/-1.00	
LCS (BE50816-BS1)			Lab File ID: V31904980.D		Analyzed: 05/11/25 14:22			
SURR: 1,2-Dichloroethane-d4	50.0	97.1	77 - 125	5.836	5.836	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	99.7	85 - 120	7.672	7.670286	0.0017	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	97.4	76 - 130	10.448	10.44757	0.0004	+/-1.00	
LCS Dup (BE50816-BSD1)			Lab File ID: V31904981.D		Analyzed: 05/11/25 14:48			
SURR: 1,2-Dichloroethane-d4	50.0	98.5	77 - 125	5.833	5.836	-0.0030	+/-1.00	
SURR: Toluene-d8	50.0	98.0	85 - 120	7.669	7.670286	-0.0013	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	98.3	76 - 130	10.448	10.44757	0.0004	+/-1.00	
Blank (BE50816-BLK1)			Lab File ID: V31904982.D		Analyzed: 05/11/25 15:15			
SURR: 1,2-Dichloroethane-d4	50.0	97.5	77 - 125	5.836	5.836	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	99.7	85 - 120	7.672	7.670286	0.0017	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	109	76 - 130	10.448	10.44757	0.0004	+/-1.00	
25SB-15 (0-2) (25E0288-01)			Lab File ID: V31904983.D		Analyzed: 05/11/25 15:41			
SURR: 1,2-Dichloroethane-d4	50.0	102	77 - 125	5.837	5.836	0.0010	+/-1.00	
SURR: Toluene-d8	50.0	98.9	85 - 120	7.669	7.670286	-0.0013	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	104	76 - 130	10.448	10.44757	0.0004	+/-1.00	
25SB-15 (4-6) (25E0288-02)			Lab File ID: V31904984.D		Analyzed: 05/11/25 16:07			
SURR: 1,2-Dichloroethane-d4	50.0	108	77 - 125	5.833	5.836	-0.0030	+/-1.00	
SURR: Toluene-d8	50.0	97.3	85 - 120	7.672	7.670286	0.0017	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	102	76 - 130	10.448	10.44757	0.0004	+/-1.00	
25SB-3 (11-13) (25E0288-17)			Lab File ID: V31904986.D		Analyzed: 05/11/25 17:00			
SURR: 1,2-Dichloroethane-d4	50.0	141	77 - 125	5.836	5.836	0.0000	+/-1.00	*
SURR: Toluene-d8	50.0	93.9	85 - 120	7.672	7.670286	0.0017	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	92.4	76 - 130	10.451	10.44757	0.0034	+/-1.00	
25SB-1 (0-2) (25E0288-04)			Lab File ID: V31904987.D		Analyzed: 05/11/25 17:26			
SURR: 1,2-Dichloroethane-d4	50.0	102	77 - 125	5.836	5.836	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	98.5	85 - 120	7.669	7.670286	-0.0013	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	103	76 - 130	10.448	10.44757	0.0004	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50669	Laboratory ID:	BE50669-MS1
Preparation:	EPA 5035A	Initial/Final:	4.12 g / 5 ml

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	0.00	36.5	73.0	15 - 161
1,1,1-Trichloroethane	50.0	0.00	39.1	78.2	42 - 145
1,1,2,2-Tetrachloroethane	50.0	0.00	46.9	93.8	16 - 167
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	0.00	48.7	97.3	11 - 160
1,1,2-Trichloroethane	50.0	0.00	44.2	88.3	44 - 145
1,1-Dichloroethane	50.0	0.00	39.4	78.8	46 - 142
1,1-Dichloroethylene	50.0	0.00	43.8	87.6	30 - 153
1,2,3-Trichlorobenzene	50.0	0.00	46.0	91.9	10 - 157
1,2,3-Trichloropropane	50.0	0.00	44.2	88.4	38 - 155
1,2,4-Trichlorobenzene	50.0	0.00	48.5	96.9	10 - 151
1,2,4-Trimethylbenzene	50.0	0.00	45.2	90.5	10 - 170
1,2-Dibromo-3-chloropropane	50.0	0.00	38.1	76.2	36 - 138
1,2-Dibromoethane	50.0	0.00	44.7	89.5	40 - 142
1,2-Dichlorobenzene	50.0	0.00	45.4	90.8	10 - 147
1,2-Dichloroethane	50.0	0.00	44.0	88.1	48 - 133
1,2-Dichloropropane	50.0	0.00	42.2	84.3	47 - 141
1,3,5-Trimethylbenzene	50.0	0.00	44.6	89.3	10 - 150
1,3-Dichlorobenzene	50.0	0.00	45.4	90.8	10 - 144
1,4-Dichlorobenzene	50.0	0.00	45.5	90.9	10 - 160
1,4-Dioxane	1050	0.00	1010	96.6	10 - 191
2-Butanone	50.0	0.00	40.3	80.6	10 - 189
2-Hexanone	50.0	0.00	41.7	83.4	10 - 181
4-Methyl-2-pentanone	50.0	0.00	42.5	85.0	10 - 166
Acetone	50.0	1.65	41.3	79.3	10 - 196
Acrolein	50.0	0.00	62.2	124	10 - 192
Acrylonitrile	50.0	0.00	45.1	90.3	13 - 161
Benzene	50.0	0.00	43.3	86.6	43 - 139
Bromochloromethane	50.0	0.00	46.3	92.6	38 - 145
Bromodichloromethane	50.0	0.00	38.9	77.8	38 - 147
Bromoform	50.0	0.00	40.2	80.5	29 - 156
Bromomethane	50.0	0.00	55.9	112	10 - 166

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-8 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50669
Laboratory ID: BE50669-MS1
Preparation: EPA 5035A
Initial/Final: 4.12 g / 5 ml
Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Carbon disulfide	50.0	0.00	42.5	85.0	10 - 131
Carbon tetrachloride	50.0	0.00	36.7	73.4	35 - 145
Chlorobenzene	50.0	0.00	44.6	89.2	21 - 154
Chloroethane	50.0	0.00	44.4	88.7	15 - 160
Chloroform	50.0	0.00	43.2	86.3	47 - 142
Chloromethane	50.0	0.00	33.8	67.5	10 - 159
cis-1,2-Dichloroethylene	50.0	0.00	40.4	80.8	42 - 144
cis-1,3-Dichloropropylene	50.0	0.00	38.7	77.4	18 - 159
Cyclohexane	50.0	0.00	40.1	80.1	70 - 130
Dibromochloromethane	50.0	0.00	43.3	86.6	10 - 179
Dibromomethane	50.0	0.00	43.5	86.9	47 - 143
Dichlorodifluoromethane	50.0	0.00	21.7	43.3	10 - 145
Ethyl Benzene	50.0	0.00	45.1	90.2	11 - 158
Hexachlorobutadiene	50.0	0.00	41.9	83.8	10 - 158
Isopropylbenzene	50.0	0.00	43.6	87.1	10 - 162
Methyl acetate	50.0	0.00	60.6	121	10 - 149
Methyl tert-butyl ether (MTBE)	50.0	0.00	36.9	73.8	42 - 152
Methylcyclohexane	50.0	0.00	39.4	78.7	70 - 130
Methylene chloride	50.0	1.82	48.1	92.5	28 - 151
n-Butylbenzene	50.0	0.00	47.0	93.9	10 - 162
n-Propylbenzene	50.0	0.00	44.3	88.6	10 - 155
o-Xylene	50.0	0.00	46.5	92.9	10 - 158
p- & m- Xylenes	100	0.00	92.6	92.6	10 - 156
p-Isopropyltoluene	50.0	0.00	45.4	90.9	10 - 147
sec-Butylbenzene	50.0	0.00	43.8	87.5	10 - 157
Styrene	50.0	0.00	45.6	91.2	13 - 171
tert-Butyl alcohol (TBA)	250	0.00	216	86.5	34 - 179
tert-Butylbenzene	50.0	0.00	42.9	85.7	10 - 160
Tetrachloroethylene	50.0	0.00	32.2	64.3	30 - 167
Toluene	50.0	0.00	43.7	87.4	21 - 160
trans-1,2-Dichloroethylene	50.0	0.00	40.8	81.7	29 - 153
trans-1,3-Dichloropropylene	50.0	0.00	37.4	74.8	18 - 155

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50669	Laboratory ID:	BE50669-MS1
Preparation:	EPA 5035A	Initial/Final:	4.12 g / 5 ml

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	0.00	39.9	79.8	24 - 169
Trichlorofluoromethane	50.0	0.00	48.0	96.1	35 - 142
Vinyl Chloride	50.0	0.00	39.1	78.2	12 - 160

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-8 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50669
Laboratory ID: BE50669-MSD1
Preparation: EPA 5035A
Initial/Final: 4.43 g / 5 ml
Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	33.3	66.5	9.31	33	15 - 161
1,1,1-Trichloroethane	50.0	38.2	76.4	2.38	30	42 - 145
1,1,2,2-Tetrachloroethane	50.0	44.3	88.5	5.81	56	16 - 167
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	45.6	91.2	6.54	31	11 - 160
1,1,2-Trichloroethane	50.0	41.9	83.9	5.16	40	44 - 145
1,1-Dichloroethane	50.0	41.4	82.7	4.90	36	46 - 142
1,1-Dichloroethylene	50.0	43.6	87.3	0.297	31	30 - 153
1,2,3-Trichlorobenzene	50.0	29.1	58.1	45.0	47	10 - 157
1,2,3-Trichloropropane	50.0	43.5	87.0	1.53	48	38 - 155
1,2,4-Trichlorobenzene	50.0	31.2	62.4	43.3	52	10 - 151
1,2,4-Trimethylbenzene	50.0	36.0	72.1	22.6	242	10 - 170
1,2-Dibromo-3-chloropropane	50.0	34.2	68.5	10.7	54	36 - 138
1,2-Dibromoethane	50.0	41.9	83.7	6.61	39	40 - 142
1,2-Dichlorobenzene	50.0	34.6	69.2	27.1	52	10 - 147
1,2-Dichloroethane	50.0	43.2	86.3	2.04	32	48 - 133
1,2-Dichloropropane	50.0	40.8	81.6	3.30	37	47 - 141
1,3,5-Trimethylbenzene	50.0	35.5	71.0	22.8	62	10 - 150
1,3-Dichlorobenzene	50.0	34.7	69.4	26.8	51	10 - 144
1,4-Dichlorobenzene	50.0	34.6	69.1	27.3	52	10 - 160
1,4-Dioxane	1050	1030	97.8	1.31	196	10 - 191
2-Butanone	50.0	44.2	88.4	9.33	67	10 - 189
2-Hexanone	50.0	40.7	81.4	2.45	60	10 - 181
4-Methyl-2-pentanone	50.0	42.0	84.0	1.14	47	10 - 166
Acetone	50.0	47.6	91.6	14.1	150	10 - 196
Acrolein	50.0	44.7	89.4	32.8	128	10 - 192
Acrylonitrile	50.0	46.8	93.7	3.70	48	13 - 161
Benzene	50.0	41.5	83.0	4.29	64	43 - 139
Bromochloromethane	50.0	44.3	88.6	4.44	30	38 - 145
Bromodichloromethane	50.0	37.2	74.4	4.42	37	38 - 147
Bromoform	50.0	35.8	71.5	11.8	51	29 - 156
Bromomethane	50.0	60.3	121	7.59	42	10 - 166
Carbon disulfide	50.0	38.6	77.2	9.54	36	10 - 131

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-8 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50669
Laboratory ID: BE50669-MSD1
Preparation: EPA 5035A
Initial/Final: 4.43 g / 5 ml
Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon tetrachloride	50.0	35.5	71.0	3.27	31	35 - 145
Chlorobenzene	50.0	37.8	75.6	16.5	32	21 - 154
Chloroethane	50.0	46.8	93.5	5.29	40	15 - 160
Chloroform	50.0	42.3	84.7	1.89	29	47 - 142
Chloromethane	50.0	35.2	70.5	4.26	31	10 - 159
cis-1,2-Dichloroethylene	50.0	40.4	80.8	0.0247	30	42 - 144
cis-1,3-Dichloropropylene	50.0	35.9	71.8	7.43	39	18 - 159
Cyclohexane	50.0	33.1	66.1 *	19.1	30	70 - 130
Dibromochloromethane	50.0	40.0	80.0	7.90	41	10 - 179
Dibromomethane	50.0	42.3	84.5	2.82	41	47 - 143
Dichlorodifluoromethane	50.0	23.7	47.4	9.08	34	10 - 145
Ethyl Benzene	50.0	38.1	76.2	16.8	42	11 - 158
Hexachlorobutadiene	50.0	24.2	48.5	53.4 *	45	10 - 158
Isopropylbenzene	50.0	36.2	72.4	18.5	57	10 - 162
Methyl acetate	50.0	76.6	153 *	23.3	64	10 - 149
Methyl tert-butyl ether (MTBE)	50.0	41.0	82.1	10.5	47	42 - 152
Methylcyclohexane	50.0	29.3	58.6 *	29.3	30	70 - 130
Methylene chloride	50.0	50.8	97.6	5.42	49	28 - 151
n-Butylbenzene	50.0	33.2	66.3	34.4	96	10 - 162
n-Propylbenzene	50.0	35.7	71.4	21.5	56	10 - 155
o-Xylene	50.0	38.5	77.1	18.6	51	10 - 158
p- & m- Xylenes	100	76.7	76.7	18.9	47	10 - 156
p-Isopropyltoluene	50.0	33.9	67.8	29.1	60	10 - 147
sec-Butylbenzene	50.0	32.5	65.0	29.4	56	10 - 157
Styrene	50.0	35.8	71.7	23.9	39	13 - 171
tert-Butyl alcohol (TBA)	250	246	98.5	13.0	35	34 - 179
tert-Butylbenzene	50.0	33.0	66.0	26.0	79	10 - 160
Tetrachloroethylene	50.0	27.2	54.5	16.6	33	30 - 167
Toluene	50.0	39.1	78.1	11.2	50	21 - 160
trans-1,2-Dichloroethylene	50.0	40.6	81.3	0.491	30	29 - 153
trans-1,3-Dichloropropylene	50.0	33.3	66.6	11.7	30	18 - 155
Trichloroethylene	50.0	37.6	75.2	6.01	30	24 - 169
Trichlorofluoromethane	50.0	48.0	96.0	0.146	30	35 - 142

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50669	Laboratory ID:	BE50669-MSD1
Preparation:	EPA 5035A	Initial/Final:	4.43 g / 5 ml

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	50.0	40.1	80.3	2.55	35	12 - 160

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50816	Laboratory ID:	BE50816-MS1
Preparation:	EPA 5035A	Initial/Final:	4.79 g / 5 ml

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	0.00	34.9	69.7	15 - 161
1,1,1-Trichloroethane	50.0	0.00	37.0	74.0	42 - 145
1,1,2,2-Tetrachloroethane	50.0	0.00	43.0	86.1	16 - 167
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	0.00	32.1	64.2	11 - 160
1,1,2-Trichloroethane	50.0	0.00	44.9	89.8	44 - 145
1,1-Dichloroethane	50.0	0.00	37.8	75.7	46 - 142
1,1-Dichloroethylene	50.0	0.00	31.9	63.9	30 - 153
1,2,3-Trichlorobenzene	50.0	0.00	24.0	48.1	10 - 157
1,2,3-Trichloropropane	50.0	0.00	44.0	87.9	38 - 155
1,2,4-Trichlorobenzene	50.0	0.00	23.9	47.8	10 - 151
1,2,4-Trimethylbenzene	50.0	0.00	27.5	55.0	10 - 170
1,2-Dibromo-3-chloropropane	50.0	0.00	41.2	82.4	36 - 138
1,2-Dibromoethane	50.0	0.00	44.8	89.6	40 - 142
1,2-Dichlorobenzene	50.0	0.00	29.8	59.5	10 - 147
1,2-Dichloroethane	50.0	0.00	44.1	88.2	48 - 133
1,2-Dichloropropane	50.0	0.00	41.9	83.9	47 - 141
1,3,5-Trimethylbenzene	50.0	0.00	28.2	56.5	10 - 150
1,3-Dichlorobenzene	50.0	0.00	26.5	52.9	10 - 144
1,4-Dichlorobenzene	50.0	0.00	31.3	62.6	10 - 160
1,4-Dioxane	1050	0.00	1120	107	10 - 191
2-Butanone	50.0	0.00	45.8	91.6	10 - 189
2-Hexanone	50.0	0.00	48.4	96.8	10 - 181
4-Methyl-2-pentanone	50.0	0.00	48.0	96.1	10 - 166
Acetone	50.0	1.47	41.2	79.4	10 - 196
Acrolein	50.0	0.00	34.9	69.8	10 - 192
Acrylonitrile	50.0	0.00	52.0	104	13 - 161
Benzene	50.0	0.00	38.6	77.3	43 - 139
Bromochloromethane	50.0	0.00	46.6	93.1	38 - 145
Bromodichloromethane	50.0	0.00	39.1	78.2	38 - 147
Bromoform	50.0	0.00	43.7	87.3	29 - 156
Bromomethane	50.0	0.00	30.2	60.5	10 - 166

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50816	Laboratory ID:	BE50816-MS1
Preparation:	EPA 5035A	Initial/Final:	4.79 g / 5 ml

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Carbon disulfide	50.0	0.00	26.7	53.3	10 - 131
Carbon tetrachloride	50.0	0.00	37.0	74.0	35 - 145
Chlorobenzene	50.0	0.00	35.8	71.7	21 - 154
Chloroethane	50.0	0.00	33.3	66.6	15 - 160
Chloroform	50.0	0.00	39.8	79.7	47 - 142
Chloromethane	50.0	0.00	25.4	50.9	10 - 159
cis-1,2-Dichloroethylene	50.0	0.00	38.2	76.3	42 - 144
cis-1,3-Dichloropropylene	50.0	0.00	37.3	74.5	18 - 159
Cyclohexane	50.0	0.00	30.6	61.1 *	70 - 130
Dibromochloromethane	50.0	0.00	42.7	85.4	10 - 179
Dibromomethane	50.0	0.00	44.0	88.1	47 - 143
Dichlorodifluoromethane	50.0	0.00	13.5	27.1	10 - 145
Ethyl Benzene	50.0	0.00	32.6	65.3	11 - 158
Hexachlorobutadiene	50.0	0.00	22.4	44.8	10 - 158
Isopropylbenzene	50.0	0.00	28.7	57.4	10 - 162
Methyl acetate	50.0	0.00	85.2	170 *	10 - 149
Methyl tert-butyl ether (MTBE)	50.0	0.00	39.0	78.1	42 - 152
Methylcyclohexane	50.0	0.00	26.2	52.5 *	70 - 130
Methylene chloride	50.0	0.00	38.3	76.6	28 - 151
n-Butylbenzene	50.0	0.00	22.0	44.1	10 - 162
n-Propylbenzene	50.0	0.00	28.2	56.4	10 - 155
o-Xylene	50.0	0.00	32.2	64.3	10 - 158
p- & m- Xylenes	100	0.00	67.2	67.2	10 - 156
p-Isopropyltoluene	50.0	0.00	23.6	47.2	10 - 147
sec-Butylbenzene	50.0	0.00	24.8	49.6	10 - 157
Styrene	50.0	0.00	31.7	63.3	13 - 171
tert-Butyl alcohol (TBA)	250	0.00	216	86.4	34 - 179
tert-Butylbenzene	50.0	0.00	25.8	51.7	10 - 160
Tetrachloroethylene	50.0	0.00	30.2	60.5	30 - 167
Toluene	50.0	0.00	36.5	73.1	21 - 160
trans-1,2-Dichloroethylene	50.0	0.00	35.5	71.0	29 - 153
trans-1,3-Dichloropropylene	50.0	0.00	36.4	72.7	18 - 155

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50816	Laboratory ID:	BE50816-MS1
Preparation:	EPA 5035A	Initial/Final:	4.79 g / 5 ml

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	0.00	36.0	71.9	24 - 169
Trichlorofluoromethane	50.0	0.00	30.3	60.6	35 - 142
Vinyl Chloride	50.0	0.00	26.5	53.0	12 - 160

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-1 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50816
Laboratory ID: BE50816-MSD1
Preparation: EPA 5035A
Initial/Final: 6.61 g / 5 ml
Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	39.9	79.8	13.5	33	15 - 161
1,1,1-Trichloroethane	50.0	46.1	92.3	21.9	30	42 - 145
1,1,2,2-Tetrachloroethane	50.0	37.1	74.1	15.0	56	16 - 167
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	39.3	78.6	20.3	31	11 - 160
1,1,2-Trichloroethane	50.0	39.3	78.6	13.3	40	44 - 145
1,1-Dichloroethane	50.0	43.5	87.0	13.9	36	46 - 142
1,1-Dichloroethylene	50.0	40.0	79.9	22.3	31	30 - 153
1,2,3-Trichlorobenzene	50.0	41.1	82.2	52.4 *	47	10 - 157
1,2,3-Trichloropropane	50.0	35.8	71.6	20.5	48	38 - 155
1,2,4-Trichlorobenzene	50.0	44.6	89.2	60.4 *	52	10 - 151
1,2,4-Trimethylbenzene	50.0	44.2	88.4	46.5	242	10 - 170
1,2-Dibromo-3-chloropropane	50.0	31.8	63.5	25.8	54	36 - 138
1,2-Dibromoethane	50.0	37.9	75.8	16.6	39	40 - 142
1,2-Dichlorobenzene	50.0	42.3	84.6	34.9	52	10 - 147
1,2-Dichloroethane	50.0	38.4	76.8	13.8	32	48 - 133
1,2-Dichloropropane	50.0	46.6	93.2	10.5	37	47 - 141
1,3,5-Trimethylbenzene	50.0	45.7	91.5	47.3	62	10 - 150
1,3-Dichlorobenzene	50.0	41.6	83.1	44.4	51	10 - 144
1,4-Dichlorobenzene	50.0	48.7	97.4	43.5	52	10 - 160
1,4-Dioxane	1050	668	63.6	50.7	196	10 - 191
2-Butanone	50.0	30.2	60.4	41.1	67	10 - 189
2-Hexanone	50.0	29.1	58.3	49.7	60	10 - 181
4-Methyl-2-pentanone	50.0	29.9	59.8	46.5	47	10 - 166
Acetone	50.0	26.2	48.4	44.5	150	10 - 196
Acrolein	50.0	22.1	44.2	44.8	128	10 - 192
Acrylonitrile	50.0	33.5	67.0	43.4	48	13 - 161
Benzene	50.0	44.6	89.3	14.4	64	43 - 139
Bromochloromethane	50.0	42.2	84.5	9.73	30	38 - 145
Bromodichloromethane	50.0	42.0	83.9	7.06	37	38 - 147
Bromoform	50.0	36.3	72.6	18.5	51	29 - 156
Bromomethane	50.0	36.9	73.7	19.8	42	10 - 166
Carbon disulfide	50.0	34.4	68.8	25.3	36	10 - 131

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-1 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50816
Laboratory ID: BE50816-MSD1
Preparation: EPA 5035A
Initial/Final: 6.61 g / 5 ml
Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon tetrachloride	50.0	45.6	91.3	20.9	31	35 - 145
Chlorobenzene	50.0	45.2	90.3	23.1	32	21 - 154
Chloroethane	50.0	38.7	77.3	14.9	40	15 - 160
Chloroform	50.0	44.0	88.1	9.99	29	47 - 142
Chloromethane	50.0	29.8	59.6	15.9	31	10 - 159
cis-1,2-Dichloroethylene	50.0	43.9	87.8	14.1	30	42 - 144
cis-1,3-Dichloropropylene	50.0	40.5	81.0	8.31	39	18 - 159
Cyclohexane	50.0	39.7	79.4	26.0	30	70 - 130
Dibromochloromethane	50.0	39.6	79.2	7.51	41	10 - 179
Dibromomethane	50.0	38.6	77.2	13.2	41	47 - 143
Dichlorodifluoromethane	50.0	16.9	33.7	21.9	34	10 - 145
Ethyl Benzene	50.0	43.2	86.3	27.8	42	11 - 158
Hexachlorobutadiene	50.0	36.7	73.4	48.4 *	45	10 - 158
Isopropylbenzene	50.0	45.8	91.6	46.0	57	10 - 162
Methyl acetate	50.0	50.2	100	51.8	64	10 - 149
Methyl tert-butyl ether (MTBE)	50.0	31.9	63.8	20.1	47	42 - 152
Methylcyclohexane	50.0	38.3	76.7	37.5 *	30	70 - 130
Methylene chloride	50.0	41.2	82.5	7.39	49	28 - 151
n-Butylbenzene	50.0	39.2	78.3	56.0	96	10 - 162
n-Propylbenzene	50.0	45.6	91.2	47.2	56	10 - 155
o-Xylene	50.0	42.7	85.4	28.1	51	10 - 158
p- & m- Xylenes	100	89.3	89.3	28.3	47	10 - 156
p-Isopropyltoluene	50.0	40.6	81.2	53.0	60	10 - 147
sec-Butylbenzene	50.0	42.4	84.9	52.5	56	10 - 157
Styrene	50.0	40.8	81.6	25.2	39	13 - 171
tert-Butyl alcohol (TBA)	250	126	50.2	52.9 *	35	34 - 179
tert-Butylbenzene	50.0	43.6	87.3	51.2	79	10 - 160
Tetrachloroethylene	50.0	41.6	83.1	31.6	33	30 - 167
Toluene	50.0	46.2	92.5	23.5	50	21 - 160
trans-1,2-Dichloroethylene	50.0	43.9	87.8	21.1	30	29 - 153
trans-1,3-Dichloropropylene	50.0	35.8	71.6	1.58	30	18 - 155
Trichloroethylene	50.0	47.2	94.5	27.1	30	24 - 169
Trichlorofluoromethane	50.0	35.7	71.5	16.4	30	35 - 142

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50816	Laboratory ID:	BE50816-MSD1
Preparation:	EPA 5035A	Initial/Final:	6.61 g / 5 ml

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	50.0	32.5	65.0	20.2	35	12 - 160

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50667	Laboratory ID:	BE50667-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	40.6	81.3	75 - 129
1,1,1-Trichloroethane	50.0	44.1	88.2	71 - 137
1,1,2,2-Tetrachloroethane	50.0	43.3	86.6	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	45.6	91.3	58 - 146
1,1,2-Trichloroethane	50.0	44.1	88.3	83 - 123
1,1-Dichloroethane	50.0	44.8	89.6	75 - 130
1,1-Dichloroethylene	50.0	42.4	84.8	64 - 137
1,2,3-Trichlorobenzene	50.0	39.8	79.6 *	81 - 140
1,2,3-Trichloropropane	50.0	43.1	86.2	81 - 126
1,2,4-Trichlorobenzene	50.0	40.1	80.2	80 - 141
1,2,4-Trimethylbenzene	50.0	42.3	84.6	84 - 125
1,2-Dibromo-3-chloropropane	50.0	40.9	81.7	74 - 142
1,2-Dibromoethane	50.0	44.2	88.3	86 - 123
1,2-Dichlorobenzene	50.0	42.3	84.7 *	85 - 122
1,2-Dichloroethane	50.0	47.2	94.4	71 - 133
1,2-Dichloropropane	50.0	42.8	85.6	81 - 122
1,3,5-Trimethylbenzene	50.0	41.8	83.6	82 - 126
1,3-Dichlorobenzene	50.0	40.8	81.7 *	84 - 124
1,4-Dichlorobenzene	50.0	41.4	82.8 *	84 - 124
1,4-Dioxane	1050	872	83.0	10 - 228
2-Butanone	50.0	43.4	86.8	58 - 147
2-Hexanone	50.0	41.9	83.8	70 - 139
4-Methyl-2-pentanone	50.0	43.1	86.2	72 - 132
Acetone	50.0	38.2	76.4	36 - 155
Acrolein	50.0	45.2	90.3	10 - 238
Acrylonitrile	50.0	48.5	97.0	66 - 141
Benzene	50.0	46.0	92.0	77 - 127
Bromochloromethane	50.0	49.1	98.1	74 - 129
Bromodichloromethane	50.0	40.9	81.8	81 - 124
Bromoform	50.0	44.2	88.5	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50667	Laboratory ID:	BE50667-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	45.0	89.9	32 - 177
Carbon disulfide	50.0	40.0	80.1	10 - 136
Carbon tetrachloride	50.0	43.1	86.2	66 - 143
Chlorobenzene	50.0	43.0	86.0	86 - 120
Chloroethane	50.0	46.8	93.5	51 - 142
Chloroform	50.0	46.1	92.2	76 - 131
Chloromethane	50.0	43.0	86.1	49 - 132
cis-1,2-Dichloroethylene	50.0	44.7	89.4	74 - 132
cis-1,3-Dichloropropylene	50.0	42.1	84.2	81 - 129
Cyclohexane	50.0	43.0	85.9	70 - 130
Dibromochloromethane	50.0	43.3	86.6	10 - 200
Dibromomethane	50.0	43.3	86.7	83 - 124
Dichlorodifluoromethane	50.0	36.4	72.7	28 - 158
Ethyl Benzene	50.0	42.5	84.9	84 - 125
Hexachlorobutadiene	50.0	35.2	70.5 *	83 - 133
Isopropylbenzene	50.0	40.1	80.2 *	81 - 127
Methyl acetate	50.0	49.0	97.9	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	46.0	91.9	74 - 131
Methylcyclohexane	50.0	38.6	77.3	70 - 130
Methylene chloride	50.0	71.0	142 *	57 - 141
n-Butylbenzene	50.0	42.0	84.0	80 - 130
n-Propylbenzene	50.0	40.8	81.6	74 - 136
o-Xylene	50.0	43.8	87.7	83 - 123
p- & m- Xylenes	100	85.0	85.0	82 - 128
p-Isopropyltoluene	50.0	38.8	77.7 *	85 - 125
sec-Butylbenzene	50.0	40.0	79.9 *	83 - 125
Styrene	50.0	42.6	85.2 *	86 - 126
tert-Butyl alcohol (TBA)	250	224	89.7	70 - 130
tert-Butylbenzene	50.0	38.8	77.7 *	80 - 127
Tetrachloroethylene	50.0	32.8	65.5 *	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50667	Laboratory ID:	BE50667-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	41.3	82.7 *	85 - 121
trans-1,2-Dichloroethylene	50.0	43.6	87.2	72 - 132
trans-1,3-Dichloropropylene	50.0	42.9	85.7	78 - 132
Trichloroethylene	50.0	40.6	81.3 *	84 - 123
Trichlorofluoromethane	50.0	42.9	85.9	62 - 140
Vinyl Chloride	50.0	45.8	91.6	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50667	Laboratory ID:	BE50667-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	40.3	80.5	0.915	30	75 - 129
1,1,1-Trichloroethane	50.0	46.7	93.4	5.66	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	41.8	83.7	3.38	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	52.0	104	13.1	30	58 - 146
1,1,2-Trichloroethane	50.0	43.6	87.2	1.23	30	83 - 123
1,1-Dichloroethane	50.0	46.7	93.4	4.18	30	75 - 130
1,1-Dichloroethylene	50.0	48.5	96.9	13.3	30	64 - 137
1,2,3-Trichlorobenzene	50.0	39.0	77.9 *	2.06	30	81 - 140
1,2,3-Trichloropropane	50.0	42.6	85.3	1.05	30	81 - 126
1,2,4-Trichlorobenzene	50.0	38.8	77.6 *	3.32	30	80 - 141
1,2,4-Trimethylbenzene	50.0	41.8	83.6 *	1.14	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	42.0	84.0	2.68	30	74 - 142
1,2-Dibromoethane	50.0	43.4	86.9	1.67	30	86 - 123
1,2-Dichlorobenzene	50.0	41.5	82.9 *	2.08	30	85 - 122
1,2-Dichloroethane	50.0	48.6	97.2	2.92	30	71 - 133
1,2-Dichloropropane	50.0	43.3	86.6	1.21	30	81 - 122
1,3,5-Trimethylbenzene	50.0	41.9	83.7	0.119	30	82 - 126
1,3-Dichlorobenzene	50.0	40.2	80.3 *	1.70	30	84 - 124
1,4-Dichlorobenzene	50.0	40.5	80.9 *	2.27	30	84 - 124
1,4-Dioxane	1050	947	90.2	8.25	30	10 - 228
2-Butanone	50.0	46.0	92.0	5.80	30	58 - 147
2-Hexanone	50.0	41.7	83.4	0.431	30	70 - 139
4-Methyl-2-pentanone	50.0	43.0	86.0	0.279	30	72 - 132
Acetone	50.0	37.2	74.4	2.62	30	36 - 155
Acrolein	50.0	115	230	87.4 *	30	10 - 238
Acrylonitrile	50.0	49.0	97.9	0.903	30	66 - 141
Benzene	50.0	48.2	96.4	4.65	30	77 - 127
Bromochloromethane	50.0	49.7	99.4	1.32	30	74 - 129
Bromodichloromethane	50.0	41.2	82.3	0.634	30	81 - 124
Bromoform	50.0	42.8	85.5	3.43	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50667
Laboratory ID: BE50667-BSD1
Preparation: EPA 5035A
Initial/Final: 5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	52.5	105	15.4	30	32 - 177
Carbon disulfide	50.0	48.7	97.4	19.5	30	10 - 136
Carbon tetrachloride	50.0	45.6	91.2	5.55	30	66 - 143
Chlorobenzene	50.0	43.1	86.2	0.279	30	86 - 120
Chloroethane	50.0	55.6	111	17.3	30	51 - 142
Chloroform	50.0	47.5	95.1	3.03	30	76 - 131
Chloromethane	50.0	60.1	120	33.0 *	30	49 - 132
cis-1,2-Dichloroethylene	50.0	46.6	93.3	4.25	30	74 - 132
cis-1,3-Dichloropropylene	50.0	42.6	85.2	1.11	30	81 - 129
Cyclohexane	50.0	51.2	102	17.4	30	70 - 130
Dibromochloromethane	50.0	42.8	85.6	1.14	30	10 - 200
Dibromomethane	50.0	44.0	88.0	1.53	30	83 - 124
Dichlorodifluoromethane	50.0	89.3	179 *	84.3 *	30	28 - 158
Ethyl Benzene	50.0	42.6	85.3	0.446	30	84 - 125
Hexachlorobutadiene	50.0	34.4	68.9 *	2.30	30	83 - 133
Isopropylbenzene	50.0	40.0	79.9 *	0.400	30	81 - 127
Methyl acetate	50.0	35.6	71.2	31.5 *	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	46.9	93.7	1.98	30	74 - 131
Methylcyclohexane	50.0	42.1	84.2	8.55	30	70 - 130
Methylene chloride	50.0	75.4	151 *	6.05	30	57 - 141
n-Butylbenzene	50.0	40.9	81.9	2.60	30	80 - 130
n-Propylbenzene	50.0	40.7	81.3	0.295	30	74 - 136
o-Xylene	50.0	43.3	86.5	1.31	30	83 - 123
p- & m- Xylenes	100	84.9	84.9	0.106	30	82 - 128
p-Isopropyltoluene	50.0	38.6	77.2 *	0.620	30	85 - 125
sec-Butylbenzene	50.0	39.4	78.9 *	1.28	30	83 - 125
Styrene	50.0	42.4	84.7 *	0.565	30	86 - 126
tert-Butyl alcohol (TBA)	250	228	91.4	1.79	30	70 - 130
tert-Butylbenzene	50.0	38.6	77.3 *	0.568	30	80 - 127
Tetrachloroethylene	50.0	33.1	66.1 *	0.881	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50667	Laboratory ID:	BE50667-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	42.0	83.9 *	1.49	30	85 - 121
trans-1,2-Dichloroethylene	50.0	47.8	95.6	9.24	30	72 - 132
trans-1,3-Dichloropropylene	50.0	41.7	83.4	2.77	30	78 - 132
Trichloroethylene	50.0	41.9	83.7 *	2.98	30	84 - 123
Trichlorofluoromethane	50.0	50.0	100	15.3	30	62 - 140
Vinyl Chloride	50.0	61.1	122	28.6	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50669	Laboratory ID:	BE50669-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	39.3	78.7	75 - 129
1,1,1-Trichloroethane	50.0	43.4	86.8	71 - 137
1,1,2,2-Tetrachloroethane	50.0	47.4	94.9	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	49.9	99.8	58 - 146
1,1,2-Trichloroethane	50.0	46.1	92.2	83 - 123
1,1-Dichloroethane	50.0	46.6	93.3	75 - 130
1,1-Dichloroethylene	50.0	45.3	90.5	64 - 137
1,2,3-Trichlorobenzene	50.0	47.8	95.5	81 - 140
1,2,3-Trichloropropane	50.0	47.0	94.1	81 - 126
1,2,4-Trichlorobenzene	50.0	50.5	101	80 - 141
1,2,4-Trimethylbenzene	50.0	48.8	97.5	84 - 125
1,2-Dibromo-3-chloropropane	50.0	40.8	81.7	74 - 142
1,2-Dibromoethane	50.0	47.7	95.5	86 - 123
1,2-Dichlorobenzene	50.0	48.0	96.1	85 - 122
1,2-Dichloroethane	50.0	45.7	91.5	71 - 133
1,2-Dichloropropane	50.0	45.1	90.2	81 - 122
1,3,5-Trimethylbenzene	50.0	48.4	96.9	82 - 126
1,3-Dichlorobenzene	50.0	48.3	96.6	84 - 124
1,4-Dichlorobenzene	50.0	47.8	95.6	84 - 124
1,4-Dioxane	1050	1050	99.6	10 - 228
2-Butanone	50.0	47.4	94.7	58 - 147
2-Hexanone	50.0	45.6	91.1	70 - 139
4-Methyl-2-pentanone	50.0	45.5	91.0	72 - 132
Acetone	50.0	46.6	93.2	36 - 155
Acrolein	50.0	55.1	110	10 - 238
Acrylonitrile	50.0	50.2	100	66 - 141
Benzene	50.0	46.7	93.4	77 - 127
Bromochloromethane	50.0	48.8	97.6	74 - 129
Bromodichloromethane	50.0	41.4	82.8	81 - 124
Bromoform	50.0	42.0	84.0	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50669	Laboratory ID:	BE50669-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	45.3	90.6	32 - 177
Carbon disulfide	50.0	43.9	87.8	10 - 136
Carbon tetrachloride	50.0	40.9	81.7	66 - 143
Chlorobenzene	50.0	47.8	95.6	86 - 120
Chloroethane	50.0	46.3	92.7	51 - 142
Chloroform	50.0	46.2	92.4	76 - 131
Chloromethane	50.0	35.6	71.2	49 - 132
cis-1,2-Dichloroethylene	50.0	45.7	91.3	74 - 132
cis-1,3-Dichloropropylene	50.0	41.7	83.4	81 - 129
Cyclohexane	50.0	43.8	87.5	70 - 130
Dibromochloromethane	50.0	45.3	90.5	10 - 200
Dibromomethane	50.0	45.4	90.8	83 - 124
Dichlorodifluoromethane	50.0	23.5	47.0	28 - 158
Ethyl Benzene	50.0	48.6	97.2	84 - 125
Hexachlorobutadiene	50.0	47.0	94.0	83 - 133
Isopropylbenzene	50.0	48.4	96.8	81 - 127
Methyl acetate	50.0	61.9	124	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	42.1	84.2	74 - 131
Methylcyclohexane	50.0	44.1	88.3	70 - 130
Methylene chloride	50.0	72.7	145 *	57 - 141
n-Butylbenzene	50.0	49.6	99.3	80 - 130
n-Propylbenzene	50.0	48.2	96.3	74 - 136
o-Xylene	50.0	50.1	100	83 - 123
p- & m- Xylenes	100	99.0	99.0	82 - 128
p-Isopropyltoluene	50.0	48.8	97.6	85 - 125
sec-Butylbenzene	50.0	48.3	96.6	83 - 125
Styrene	50.0	48.6	97.1	86 - 126
tert-Butyl alcohol (TBA)	250	251	100	70 - 130
tert-Butylbenzene	50.0	47.1	94.2	80 - 127
Tetrachloroethylene	50.0	34.9	69.8 *	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50669	Laboratory ID:	BE50669-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	47.1	94.1	85 - 121
trans-1,2-Dichloroethylene	50.0	45.4	90.7	72 - 132
trans-1,3-Dichloropropylene	50.0	40.2	80.4	78 - 132
Trichloroethylene	50.0	45.4	90.8	84 - 123
Trichlorofluoromethane	50.0	49.2	98.3	62 - 140
Vinyl Chloride	50.0	40.5	81.0	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50816	Laboratory ID:	BE50816-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	40.4	80.9	75 - 129
1,1,1-Trichloroethane	50.0	44.8	89.6	71 - 137
1,1,2,2-Tetrachloroethane	50.0	43.3	86.5	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	40.7	81.5	58 - 146
1,1,2-Trichloroethane	50.0	44.8	89.5	83 - 123
1,1-Dichloroethane	50.0	42.8	85.5	75 - 130
1,1-Dichloroethylene	50.0	39.2	78.4	64 - 137
1,2,3-Trichlorobenzene	50.0	57.0	114	81 - 140
1,2,3-Trichloropropane	50.0	42.4	84.8	81 - 126
1,2,4-Trichlorobenzene	50.0	58.9	118	80 - 141
1,2,4-Trimethylbenzene	50.0	42.7	85.4	84 - 125
1,2-Dibromo-3-chloropropane	50.0	41.9	83.8	74 - 142
1,2-Dibromoethane	50.0	46.1	92.3	86 - 123
1,2-Dichlorobenzene	50.0	45.7	91.4	85 - 122
1,2-Dichloroethane	50.0	42.8	85.5	71 - 133
1,2-Dichloropropane	50.0	45.2	90.3	81 - 122
1,3,5-Trimethylbenzene	50.0	44.1	88.2	82 - 126
1,3-Dichlorobenzene	50.0	42.8	85.5	84 - 124
1,4-Dichlorobenzene	50.0	50.1	100	84 - 124
1,4-Dioxane	1050	973	92.7	10 - 228
2-Butanone	50.0	42.9	85.9	58 - 147
2-Hexanone	50.0	43.5	87.0	70 - 139
4-Methyl-2-pentanone	50.0	42.2	84.4	72 - 132
Acetone	50.0	34.8	69.6	36 - 155
Acrolein	50.0	79.8	160	10 - 238
Acrylonitrile	50.0	45.5	91.1	66 - 141
Benzene	50.0	43.7	87.4	77 - 127
Bromochloromethane	50.0	46.4	92.8	74 - 129
Bromodichloromethane	50.0	42.2	84.3	81 - 124
Bromoform	50.0	46.7	93.4	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50816	Laboratory ID:	BE50816-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	35.5	70.9	32 - 177
Carbon disulfide	50.0	39.2	78.4	10 - 136
Carbon tetrachloride	50.0	45.4	90.7	66 - 143
Chlorobenzene	50.0	45.3	90.6	86 - 120
Chloroethane	50.0	38.1	76.1	51 - 142
Chloroform	50.0	43.1	86.2	76 - 131
Chloromethane	50.0	37.5	75.0	49 - 132
cis-1,2-Dichloroethylene	50.0	43.6	87.1	74 - 132
cis-1,3-Dichloropropylene	50.0	42.6	85.2	81 - 129
Cyclohexane	50.0	48.4	96.7	70 - 130
Dibromochloromethane	50.0	45.3	90.6	10 - 200
Dibromomethane	50.0	43.0	86.0	83 - 124
Dichlorodifluoromethane	50.0	38.5	77.1	28 - 158
Ethyl Benzene	50.0	42.4	84.8	84 - 125
Hexachlorobutadiene	50.0	56.6	113	83 - 133
Isopropylbenzene	50.0	42.9	85.9	81 - 127
Methyl acetate	50.0	43.8	87.6	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	40.3	80.6	74 - 131
Methylcyclohexane	50.0	46.2	92.3	70 - 130
Methylene chloride	50.0	42.3	84.6	57 - 141
n-Butylbenzene	50.0	42.8	85.7	80 - 130
n-Propylbenzene	50.0	43.1	86.3	74 - 136
o-Xylene	50.0	42.9	85.7	83 - 123
p- & m- Xylenes	100	88.6	88.6	82 - 128
p-Isopropyltoluene	50.0	41.6	83.2 *	85 - 125
sec-Butylbenzene	50.0	43.6	87.1	83 - 125
Styrene	50.0	42.2	84.3 *	86 - 126
tert-Butyl alcohol (TBA)	250	201	80.5	70 - 130
tert-Butylbenzene	50.0	42.9	85.8	80 - 127
Tetrachloroethylene	50.0	42.6	85.3	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50816	Laboratory ID:	BE50816-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	43.8	87.6	85 - 121
trans-1,2-Dichloroethylene	50.0	43.5	87.0	72 - 132
trans-1,3-Dichloropropylene	50.0	40.4	80.8	78 - 132
Trichloroethylene	50.0	44.8	89.6	84 - 123
Trichlorofluoromethane	50.0	36.2	72.4	62 - 140
Vinyl Chloride	50.0	36.5	73.0	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50816	Laboratory ID:	BE50816-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	39.6	79.2	2.07	30	75 - 129
1,1,1-Trichloroethane	50.0	44.9	89.8	0.178	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	43.3	86.5	0.00	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	40.2	80.3	1.41	30	58 - 146
1,1,2-Trichloroethane	50.0	44.2	88.4	1.21	30	83 - 123
1,1-Dichloroethane	50.0	42.5	84.9	0.681	30	75 - 130
1,1-Dichloroethylene	50.0	38.6	77.1	1.70	30	64 - 137
1,2,3-Trichlorobenzene	50.0	56.2	112	1.45	30	81 - 140
1,2,3-Trichloropropane	50.0	42.8	85.7	1.03	30	81 - 126
1,2,4-Trichlorobenzene	50.0	57.7	115	2.08	30	80 - 141
1,2,4-Trimethylbenzene	50.0	42.0	84.0	1.63	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	42.4	84.7	1.02	30	74 - 142
1,2-Dibromoethane	50.0	46.2	92.3	0.0217	30	86 - 123
1,2-Dichlorobenzene	50.0	45.0	89.9	1.68	30	85 - 122
1,2-Dichloroethane	50.0	42.8	85.7	0.210	30	71 - 133
1,2-Dichloropropane	50.0	44.1	88.2	2.35	30	81 - 122
1,3,5-Trimethylbenzene	50.0	42.8	85.7	2.90	30	82 - 126
1,3-Dichlorobenzene	50.0	42.1	84.3	1.44	30	84 - 124
1,4-Dichlorobenzene	50.0	49.6	99.2	1.02	30	84 - 124
1,4-Dioxane	1050	987	94.0	1.41	30	10 - 228
2-Butanone	50.0	43.2	86.4	0.604	30	58 - 147
2-Hexanone	50.0	44.0	88.0	1.23	30	70 - 139
4-Methyl-2-pentanone	50.0	43.2	86.5	2.39	30	72 - 132
Acetone	50.0	38.0	75.9	8.60	30	36 - 155
Acrolein	50.0	82.8	166	3.64	30	10 - 238
Acrylonitrile	50.0	46.7	93.5	2.58	30	66 - 141
Benzene	50.0	43.7	87.4	0.0229	30	77 - 127
Bromochloromethane	50.0	46.5	93.0	0.194	30	74 - 129
Bromodichloromethane	50.0	41.3	82.6	2.01	30	81 - 124
Bromoform	50.0	46.2	92.5	0.968	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50816	Laboratory ID:	BE50816-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	34.2	68.4		3.65	30	32 - 177
Carbon disulfide	50.0	39.1	78.1		0.358	30	10 - 136
Carbon tetrachloride	50.0	44.9	89.9		0.952	30	66 - 143
Chlorobenzene	50.0	44.2	88.5		2.39	30	86 - 120
Chloroethane	50.0	37.1	74.2		2.61	30	51 - 142
Chloroform	50.0	42.7	85.5		0.862	30	76 - 131
Chloromethane	50.0	37.2	74.4		0.884	30	49 - 132
cis-1,2-Dichloroethylene	50.0	43.3	86.6		0.645	30	74 - 132
cis-1,3-Dichloropropylene	50.0	41.9	83.9		1.51	30	81 - 129
Cyclohexane	50.0	46.5	93.1		3.88	30	70 - 130
Dibromochloromethane	50.0	44.8	89.6		1.13	30	10 - 200
Dibromomethane	50.0	43.3	86.7		0.834	30	83 - 124
Dichlorodifluoromethane	50.0	38.4	76.7		0.468	30	28 - 158
Ethyl Benzene	50.0	41.5	83.0	*	2.24	30	84 - 125
Hexachlorobutadiene	50.0	54.4	109		4.04	30	83 - 133
Isopropylbenzene	50.0	42.5	85.1		0.936	30	81 - 127
Methyl acetate	50.0	44.5	89.1		1.61	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	41.7	83.4		3.44	30	74 - 131
Methylcyclohexane	50.0	45.4	90.8		1.68	30	70 - 130
Methylene chloride	50.0	42.3	84.7		0.0945	30	57 - 141
n-Butylbenzene	50.0	41.7	83.4		2.70	30	80 - 130
n-Propylbenzene	50.0	42.4	84.9		1.64	30	74 - 136
o-Xylene	50.0	42.0	84.1		1.96	30	83 - 123
p- & m- Xylenes	100	86.0	86.0		3.04	30	82 - 128
p-Isopropyltoluene	50.0	40.7	81.3	*	2.26	30	85 - 125
sec-Butylbenzene	50.0	42.9	85.8		1.55	30	83 - 125
Styrene	50.0	41.5	83.0	*	1.63	30	86 - 126
tert-Butyl alcohol (TBA)	250	213	85.2		5.66	30	70 - 130
tert-Butylbenzene	50.0	42.5	85.1		0.866	30	80 - 127
Tetrachloroethylene	50.0	41.3	82.6		3.22	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50816	Laboratory ID:	BE50816-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	43.0	86.0	1.91	30	85 - 121
trans-1,2-Dichloroethylene	50.0	43.5	87.0	0.0230	30	72 - 132
trans-1,3-Dichloropropylene	50.0	39.9	79.8	1.27	30	78 - 132
Trichloroethylene	50.0	44.2	88.4	1.39	30	84 - 123
Trichlorofluoromethane	50.0	35.8	71.6	1.00	30	62 - 140
Vinyl Chloride	50.0	35.8	71.6	1.99	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51092	Laboratory ID:	BE51092-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.7	107	82 - 126
1,1,1-Trichloroethane	10.0	11.2	112	78 - 136
1,1,2,2-Tetrachloroethane	10.0	10.8	108	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.2	112	54 - 165
1,1,2-Trichloroethane	10.0	9.96	99.6	82 - 123
1,1-Dichloroethane	10.0	11.4	114	82 - 129
1,1-Dichloroethylene	10.0	12.2	122	68 - 138
1,1-Dichloropropylene	10.0	11.7	117	83 - 133
1,2,3-Trichlorobenzene	10.0	6.20	62.0 *	76 - 136
1,2,3-Trichloropropane	10.0	10.2	102	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	9.97	99.7	85 - 140
1,2,4-Trichlorobenzene	10.0	7.24	72.4 *	76 - 137
1,2,4-Trimethylbenzene	10.0	11.6	116	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.20	92.0	45 - 147
1,2-Dibromoethane	10.0	9.87	98.7	83 - 124
1,2-Dichlorobenzene	10.0	10.1	101	79 - 123
1,2-Dichloroethane	10.0	10.8	108	73 - 132
1,2-Dichloropropane	10.0	11.0	110	78 - 126
1,3,5-Trimethylbenzene	10.0	14.6	146 *	80 - 131
1,3-Dichlorobenzene	10.0	10.6	106	86 - 122
1,3-Dichloropropane	10.0	10.2	102	81 - 125
1,4-Dichlorobenzene	10.0	10.3	103	85 - 124
1,4-Dioxane	210	0.00	0 *	10 - 349
2,2-Dichloropropane	10.0	10.4	104	56 - 150
2-Butanone	10.0	11.0	110	49 - 152
2-Chlorotoluene	10.0	11.5	115	79 - 130
2-Hexanone	10.0	9.27	92.7	51 - 146
4-Chlorotoluene	10.0	11.6	116	79 - 128
4-Methyl-2-pentanone	10.0	10.0	100	57 - 145
Acetone	10.0	8.25	82.5	14 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51092	Laboratory ID:	BE51092-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Acrolein	10.0	9.27	92.7	10 - 153
Acrylonitrile	10.0	11.2	112	51 - 150
Benzene	10.0	11.6	116	85 - 126
Bromobenzene	10.0	11.2	112	78 - 129
Bromochloromethane	10.0	11.3	113	77 - 128
Bromodichloromethane	10.0	10.7	107	79 - 128
Bromoform	10.0	8.08	80.8	78 - 133
Bromomethane	10.0	8.75	87.5	43 - 168
Carbon disulfide	10.0	12.1	121	68 - 146
Carbon tetrachloride	10.0	11.7	117	77 - 141
Chlorobenzene	10.0	10.6	106	88 - 120
Chloroethane	10.0	7.99	79.9	65 - 136
Chloroform	10.0	11.0	110	82 - 128
Chloromethane	10.0	7.42	74.2	43 - 155
cis-1,2-Dichloroethylene	10.0	11.3	113	83 - 129
cis-1,3-Dichloropropylene	10.0	10.2	102	80 - 131
Cyclohexane	10.0	6.10	61.0 *	63 - 149
Dibromochloromethane	10.0	10.1	101	80 - 130
Dibromomethane	10.0	9.75	97.5	72 - 134
Dichlorodifluoromethane	10.0	4.84	48.4	44 - 144
Diisopropyl ether (DIPE)	10.0	11.4	114	70 - 130
Ethyl Benzene	10.0	11.4	114	80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	10.4	104	70 - 130
Hexachlorobutadiene	10.0	8.18	81.8	67 - 146
Iodomethane	10.0	12.0	120	70 - 130
Isopropylbenzene	10.0	12.0	120	76 - 140
Methyl acetate	10.0	7.08	70.8	51 - 139
Methyl Methacrylate	10.0	9.55	95.5	72 - 132
Methyl tert-butyl ether (MTBE)	10.0	9.68	96.8	76 - 135
Methylcyclohexane	10.0	10.8	108	72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51092	Laboratory ID:	BE51092-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methylene chloride	10.0	11.2	112	55 - 137
Naphthalene	10.0	6.88	68.8 *	70 - 147
n-Butylbenzene	10.0	11.8	118	79 - 132
n-Propylbenzene	10.0	12.1	121	78 - 133
o-Xylene	10.0	11.2	112	78 - 130
p- & m- Xylenes	20.0	22.8	114	77 - 133
p-Diethylbenzene	10.0	11.9	119	84 - 134
p-Ethyltoluene	10.0	14.6	146 *	88 - 129
p-Isopropyltoluene	10.0	12.3	123	81 - 136
sec-Butylbenzene	10.0	11.7	117	79 - 137
Styrene	10.0	11.8	118	67 - 132
tert-Amyl alcohol (TAA)	100	110	110	70 - 130
tert-Amyl methyl ether (TAME)	10.0	9.99	99.9	70 - 130
tert-Butyl alcohol (TBA)	50.0	41.3	82.7	25 - 162
tert-Butylbenzene	10.0	10.4	104	77 - 138
Tetrachloroethylene	10.0	9.79	97.9	82 - 131
Tetrahydrofuran	10.0	9.77	97.7	36 - 166
Toluene	10.0	10.5	105	80 - 127
trans-1,2-Dichloroethylene	10.0	11.6	116	80 - 132
trans-1,3-Dichloropropylene	10.0	10.2	102	78 - 131
trans-1,4-dichloro-2-butene	10.0	10.2	102	63 - 141
Trichloroethylene	10.0	10.8	108	82 - 128
Trichlorofluoromethane	10.0	8.09	80.9	67 - 139
Vinyl acetate	10.0	8.33	83.3	21 - 90
Vinyl Chloride	10.0	7.20	72.0	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51092	Laboratory ID:	BE51092-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.6	106	1.22	30	82 - 126
1,1,1-Trichloroethane	10.0	10.4	104	7.53	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	11.7	117	8.35	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.5	105	6.92	30	54 - 165
1,1,2-Trichloroethane	10.0	10.7	107	7.26	30	82 - 123
1,1-Dichloroethane	10.0	10.8	108	5.51	30	82 - 129
1,1-Dichloroethylene	10.0	11.4	114	7.12	30	68 - 138
1,1-Dichloropropylene	10.0	10.9	109	6.65	30	83 - 133
1,2,3-Trichlorobenzene	10.0	8.15	81.5	27.2	30	76 - 136
1,2,3-Trichloropropane	10.0	11.0	110	8.22	30	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	9.70	97.0	2.75	30	85 - 140
1,2,4-Trichlorobenzene	10.0	8.34	83.4	14.1	30	76 - 137
1,2,4-Trimethylbenzene	10.0	10.1	101	14.0	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.6	106	13.7	30	45 - 147
1,2-Dibromoethane	10.0	10.8	108	8.91	30	83 - 124
1,2-Dichlorobenzene	10.0	10.0	100	1.09	30	79 - 123
1,2-Dichloroethane	10.0	11.8	118	8.76	30	73 - 132
1,2-Dichloropropane	10.0	10.5	105	4.56	30	78 - 126
1,3,5-Trimethylbenzene	10.0	12.3	123	17.4	30	80 - 131
1,3-Dichlorobenzene	10.0	9.75	97.5	8.17	30	86 - 122
1,3-Dichloropropane	10.0	11.0	110	7.74	30	81 - 125
1,4-Dichlorobenzene	10.0	9.63	96.3	6.92	30	85 - 124
1,4-Dioxane	210	0.00	0 *		30	10 - 349
2,2-Dichloropropane	10.0	9.65	96.5	7.86	30	56 - 150
2-Butanone	10.0	13.6	136	21.5	30	49 - 152
2-Chlorotoluene	10.0	9.91	99.1	15.0	30	79 - 130
2-Hexanone	10.0	12.0	120	26.1	30	51 - 146
4-Chlorotoluene	10.0	10.0	100	14.3	30	79 - 128
4-Methyl-2-pentanone	10.0	12.7	127	23.6	30	57 - 145
Acetone	10.0	10.4	104	23.1	30	14 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51092	Laboratory ID:	BE51092-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acrolein	10.0	10.7	107		14.4	30	10 - 153
Acrylonitrile	10.0	13.0	130		15.0	30	51 - 150
Benzene	10.0	11.1	111		4.50	30	85 - 126
Bromobenzene	10.0	10.6	106		5.69	30	78 - 129
Bromochloromethane	10.0	12.0	120		6.09	30	77 - 128
Bromodichloromethane	10.0	10.7	107		0.280	30	79 - 128
Bromoform	10.0	9.26	92.6		13.6	30	78 - 133
Bromomethane	10.0	7.55	75.5		14.7	30	43 - 168
Carbon disulfide	10.0	11.1	111		8.96	30	68 - 146
Carbon tetrachloride	10.0	10.9	109		6.55	30	77 - 141
Chlorobenzene	10.0	10.1	101		5.13	30	88 - 120
Chloroethane	10.0	7.10	71.0		11.8	30	65 - 136
Chloroform	10.0	10.8	108		2.30	30	82 - 128
Chloromethane	10.0	6.35	63.5		15.5	30	43 - 155
cis-1,2-Dichloroethylene	10.0	10.9	109		3.41	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.3	103		1.17	30	80 - 131
Cyclohexane	10.0	5.78	57.8	*	5.39	30	63 - 149
Dibromochloromethane	10.0	10.9	109		7.81	30	80 - 130
Dibromomethane	10.0	10.4	104		6.55	30	72 - 134
Dichlorodifluoromethane	10.0	4.41	44.1		9.30	30	44 - 144
Diisopropyl ether (DIPE)	10.0	12.4	124		8.08	30	70 - 130
Ethyl Benzene	10.0	10.4	104		9.55	30	80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	12.1	121		15.0	30	70 - 130
Hexachlorobutadiene	10.0	8.08	80.8		1.23	30	67 - 146
Iodomethane	10.0	10.4	104		14.1	30	70 - 130
Isopropylbenzene	10.0	9.96	99.6		18.3	30	76 - 140
Methyl acetate	10.0	8.41	84.1		17.2	30	51 - 139
Methyl Methacrylate	10.0	11.3	113		16.7	30	72 - 132
Methyl tert-butyl ether (MTBE)	10.0	11.6	116		18.4	30	76 - 135
Methylcyclohexane	10.0	9.69	96.9		10.4	30	72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51092	Laboratory ID:	BE51092-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methylene chloride	10.0	11.4	114	1.33	30	55 - 137
Naphthalene	10.0	8.93	89.3	25.9	30	70 - 147
n-Butylbenzene	10.0	10.2	102	14.6	30	79 - 132
n-Propylbenzene	10.0	10.2	102	17.0	30	78 - 133
o-Xylene	10.0	10.5	105	7.09	30	78 - 130
p- & m- Xylenes	20.0	20.8	104	9.55	30	77 - 133
p-Diethylbenzene	10.0	10.3	103	14.7	30	84 - 134
p-Ethyltoluene	10.0	12.3	123	17.4	30	88 - 129
p-Isopropyltoluene	10.0	10.4	104	16.5	30	81 - 136
sec-Butylbenzene	10.0	10.0	100	15.8	30	79 - 137
Styrene	10.0	11.5	115	2.49	30	67 - 132
tert-Amyl alcohol (TAA)	100	166	166 *	40.9 *	30	70 - 130
tert-Amyl methyl ether (TAME)	10.0	12.0	120	17.9	30	70 - 130
tert-Butyl alcohol (TBA)	50.0	59.9	120	36.7 *	30	25 - 162
tert-Butylbenzene	10.0	8.82	88.2	16.7	30	77 - 138
Tetrachloroethylene	10.0	8.73	87.3	11.4	30	82 - 131
Tetrahydrofuran	10.0	12.0	120	20.8	30	36 - 166
Toluene	10.0	9.58	95.8	9.07	30	80 - 127
trans-1,2-Dichloroethylene	10.0	10.9	109	6.65	30	80 - 132
trans-1,3-Dichloropropylene	10.0	11.0	110	6.79	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	11.5	115	11.8	30	63 - 141
Trichloroethylene	10.0	9.64	96.4	11.2	30	82 - 128
Trichlorofluoromethane	10.0	7.30	73.0	10.3	30	67 - 139
Vinyl acetate	10.0	9.88	98.8 *	17.0	30	21 - 90
Vinyl Chloride	10.0	6.38	63.8	12.1	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50667-BLK1	File ID:	V11C026372.D
Prepared:	05/08/25 17:14	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/09/25 19:38	Instrument:	VOA#11		
Batch:	BE50667	Sequence:	S5E1222	Calibration:	SD50043

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0050	U
71-55-6	1,1,1-Trichloroethane	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U
75-35-4	1,1-Dichloroethylene	0.0050	U
87-61-6	1,2,3-Trichlorobenzene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U
120-82-1	1,2,4-Trichlorobenzene	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0050	U
96-12-8	1,2-Dibromo-3-chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.0050	U
107-06-2	1,2-Dichloroethane	0.0050	U
78-87-5	1,2-Dichloropropane	0.0050	U
108-67-8	1,3,5-Trimethylbenzene	0.0050	U
541-73-1	1,3-Dichlorobenzene	0.0050	U
106-46-7	1,4-Dichlorobenzene	0.0050	U
123-91-1	1,4-Dioxane	0.10	U
78-93-3	2-Butanone	0.0050	U
591-78-6	2-Hexanone	0.0050	U
108-10-1	4-Methyl-2-pentanone	0.0050	U
67-64-1	Acetone	0.010	U
107-02-8	Acrolein	0.010	U
107-13-1	Acrylonitrile	0.0050	U
71-43-2	Benzene	0.0050	U
74-97-5	Bromochloromethane	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U
75-25-2	Bromoform	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50667-BLK1	File ID:	V11C026372.D
Prepared:	05/08/25 17:14	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/09/25 19:38	Instrument:	VOA#11		
Batch:	BE50667	Sequence:	S5E1222	Calibration:	SD50043

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
74-83-9	Bromomethane	0.0050	U
75-15-0	Carbon disulfide	0.0050	U
56-23-5	Carbon tetrachloride	0.0050	U
108-90-7	Chlorobenzene	0.0050	U
75-00-3	Chloroethane	0.0050	U
67-66-3	Chloroform	0.0050	U
74-87-3	Chloromethane	0.0050	U
156-59-2	cis-1,2-Dichloroethylene	0.0050	U
10061-01-5	cis-1,3-Dichloropropylene	0.0050	U
110-82-7	Cyclohexane	0.0050	U
124-48-1	Dibromochloromethane	0.0050	U
74-95-3	Dibromomethane	0.0050	U
75-71-8	Dichlorodifluoromethane	0.0050	U
100-41-4	Ethyl Benzene	0.0050	U
87-68-3	Hexachlorobutadiene	0.0050	U
98-82-8	Isopropylbenzene	0.0050	U
79-20-9	Methyl acetate	0.0050	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.0050	U
108-87-2	Methylcyclohexane	0.0050	U
75-09-2	Methylene chloride	0.020	
104-51-8	n-Butylbenzene	0.0050	U
103-65-1	n-Propylbenzene	0.0050	U
95-47-6	o-Xylene	0.0050	U
179601-23-1	p- & m- Xylenes	0.010	U
99-87-6	p-Isopropyltoluene	0.0050	U
135-98-8	sec-Butylbenzene	0.0050	U
100-42-5	Styrene	0.0050	U
75-65-0	tert-Butyl alcohol (TBA)	0.0050	U
98-06-6	tert-Butylbenzene	0.0050	U
127-18-4	Tetrachloroethylene	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50667-BLK1	File ID:	V11C026372.D
Prepared:	05/08/25 17:14	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/09/25 19:38	Instrument:	VOA#11		
Batch:	BE50667	Sequence:	S5E1222	Calibration:	SD50043

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
108-88-3	Toluene	0.0050	U
156-60-5	trans-1,2-Dichloroethylene	0.0050	U
10061-02-6	trans-1,3-Dichloropropylene	0.0050	U
79-01-6	Trichloroethylene	0.0050	U
75-69-4	Trichlorofluoromethane	0.0050	U
75-01-4	Vinyl Chloride	0.0050	U
1330-20-7	Xylenes, Total	0.015	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	51.9	104	77 - 125	
SURR: p-Bromofluorobenzene	50.0	53.6	107	76 - 130	
SURR: Toluene-d8	50.0	47.2	94.3	85 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	53289	12.444	69124	12.444	
ISTD: Chlorobenzene-d5	126648	9.435	149143	9.436	
ISTD: Fluorobenzene	25420	6.366	28515	6.368	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50669-BLK1	File ID:	V5446411.D
Prepared:	05/08/25 17:53	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/09/25 21:10	Instrument:	VOA No. 5		
Batch:	BE50669	Sequence:	S5E1208	Calibration:	SE50012

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0050	U
71-55-6	1,1,1-Trichloroethane	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U
75-35-4	1,1-Dichloroethylene	0.0050	U
87-61-6	1,2,3-Trichlorobenzene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U
120-82-1	1,2,4-Trichlorobenzene	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0050	U
96-12-8	1,2-Dibromo-3-chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.0050	U
107-06-2	1,2-Dichloroethane	0.0050	U
78-87-5	1,2-Dichloropropane	0.0050	U
108-67-8	1,3,5-Trimethylbenzene	0.0050	U
541-73-1	1,3-Dichlorobenzene	0.0050	U
106-46-7	1,4-Dichlorobenzene	0.0050	U
123-91-1	1,4-Dioxane	0.10	U
78-93-3	2-Butanone	0.0050	U
591-78-6	2-Hexanone	0.0050	U
108-10-1	4-Methyl-2-pentanone	0.0050	U
67-64-1	Acetone	0.010	U
107-02-8	Acrolein	0.010	U
107-13-1	Acrylonitrile	0.0050	U
71-43-2	Benzene	0.0050	U
74-97-5	Bromochloromethane	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U
75-25-2	Bromoform	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50669-BLK1	File ID:	V5446411.D
Prepared:	05/08/25 17:53	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/09/25 21:10	Instrument:	VOA No. 5		
Batch:	BE50669	Sequence:	S5E1208	Calibration:	SE50012

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
74-83-9	Bromomethane	0.0050	U
75-15-0	Carbon disulfide	0.0050	U
56-23-5	Carbon tetrachloride	0.0050	U
108-90-7	Chlorobenzene	0.0050	U
75-00-3	Chloroethane	0.0050	U
67-66-3	Chloroform	0.0050	U
74-87-3	Chloromethane	0.0050	U
156-59-2	cis-1,2-Dichloroethylene	0.0050	U
10061-01-5	cis-1,3-Dichloropropylene	0.0050	U
110-82-7	Cyclohexane	0.0050	U
124-48-1	Dibromochloromethane	0.0050	U
74-95-3	Dibromomethane	0.0050	U
75-71-8	Dichlorodifluoromethane	0.0050	U
100-41-4	Ethyl Benzene	0.0050	U
87-68-3	Hexachlorobutadiene	0.0050	U
98-82-8	Isopropylbenzene	0.0050	U
79-20-9	Methyl acetate	0.0050	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.0050	U
108-87-2	Methylcyclohexane	0.0050	U
75-09-2	Methylene chloride	0.022	
104-51-8	n-Butylbenzene	0.0050	U
103-65-1	n-Propylbenzene	0.0050	U
95-47-6	o-Xylene	0.0050	U
179601-23-1	p- & m- Xylenes	0.010	U
99-87-6	p-Isopropyltoluene	0.0050	U
135-98-8	sec-Butylbenzene	0.0050	U
100-42-5	Styrene	0.0050	U
75-65-0	tert-Butyl alcohol (TBA)	0.0050	U
98-06-6	tert-Butylbenzene	0.0050	U
127-18-4	Tetrachloroethylene	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50669-BLK1	File ID:	V5446411.D
Prepared:	05/08/25 17:53	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/09/25 21:10	Instrument:	VOA No. 5		
Batch:	BE50669	Sequence:	S5E1208	Calibration:	SE50012

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
108-88-3	Toluene	0.0050	U
156-60-5	trans-1,2-Dichloroethylene	0.0050	U
10061-02-6	trans-1,3-Dichloropropylene	0.0050	U
79-01-6	Trichloroethylene	0.0050	U
75-69-4	Trichlorofluoromethane	0.0050	U
75-01-4	Vinyl Chloride	0.0050	U
1330-20-7	Xylenes, Total	0.015	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	51.1	102	77 - 125	
SURR: p-Bromofluorobenzene	50.0	52.9	106	76 - 130	
SURR: Toluene-d8	50.0	47.9	95.9	85 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	485758	11.947	556654	11.946	
ISTD: Chlorobenzene-d5	1096793	8.969	1042167	8.966	
ISTD: Fluorobenzene	299538	5.937	289245	5.937	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Water	Laboratory ID:	BE51092-BLK1	File ID:	QV935671.D
Prepared:	05/13/25 10:04	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	05/13/25 18:47	Instrument:	QVOA9		
Batch:	BE51092	Sequence:	S5E1507	Calibration:	SE50005

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
563-58-6	1,1-Dichloropropylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
95-93-2	1,2,4,5-Tetramethylbenzene	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
142-28-9	1,3-Dichloropropane	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
594-20-7	2,2-Dichloropropane	0.500	U
78-93-3	2-Butanone	0.500	U
95-49-8	2-Chlorotoluene	0.500	U
591-78-6	2-Hexanone	0.500	U
106-43-4	4-Chlorotoluene	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Water	Laboratory ID:	BE51092-BLK1	File ID:	QV935671.D
Prepared:	05/13/25 10:04	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	05/13/25 18:47	Instrument:	QVOA9		
Batch:	BE51092	Sequence:	S5E1507	Calibration:	SE50005

CAS NO.	COMPOUND	CONC. (ug/L)	Q
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
108-86-1	Bromobenzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	0.500	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.810	
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
108-20-3	Diisopropyl ether (DIPE)	0.800	U
100-41-4	Ethyl Benzene	0.500	U
637-92-3	Ethyl tert-butyl ether (ETBE)	0.800	U
87-68-3	Hexachlorobutadiene	0.500	U
74-88-4	Iodomethane	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
80-62-6	Methyl Methacrylate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Water	Laboratory ID:	BE51092-BLK1	File ID:	QV935671.D
Prepared:	05/13/25 10:04	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	05/13/25 18:47	Instrument:	QVOA9		
Batch:	BE51092	Sequence:	S5E1507	Calibration:	SE50005

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-09-2	Methylene chloride	2.00	U
91-20-3	Naphthalene	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
105-05-5	p-Diethylbenzene	0.500	U
622-96-8	p-Ethyltoluene	0.500	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-85-4	tert-Amyl alcohol (TAA)	8.00	U
994-05-8	tert-Amyl methyl ether (TAME)	0.800	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
109-99-9	Tetrahydrofuran	0.500	U
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
108-05-4	Vinyl acetate	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
SURR: p-Bromofluorobenzene	10.0	10.6	106	79 - 122	
SURR: Toluene-d8	10.0	9.67	96.7	81 - 117	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288
Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York
Sequence: S5E1208 Instrument: VOA No. 5
Calibration: SE50012

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
25SB-14 (0-2) (25E0288-07)			Lab File ID: V5446420.D			Analyzed: 05/10/25 01:17			
ISTD: Fluorobenzene	283418	5.937	289245	5.937	98	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	1057450	8.969	1042167	8.966	101	50 - 200	0.0030	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	464135	11.947	556654	11.946	83	50 - 200	0.0010	+/-0.17	
25SB-14 (4-6) (25E0288-08)			Lab File ID: V5446421.D			Analyzed: 05/10/25 01:44			
ISTD: Fluorobenzene	281636	5.937	289245	5.937	97	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	998290	8.969	1042167	8.966	96	50 - 200	0.0030	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	454174	11.95	556654	11.946	82	50 - 200	0.0040	+/-0.17	
25SB-14 (10-12) (25E0288-09)			Lab File ID: V5446422.D			Analyzed: 05/10/25 02:11			
ISTD: Fluorobenzene	291543	5.937	289245	5.937	101	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	1027401	8.969	1042167	8.966	99	50 - 200	0.0030	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	470287	11.95	556654	11.946	84	50 - 200	0.0040	+/-0.17	
25SB-11 (0-1.5) (25E0288-10)			Lab File ID: V5446423.D			Analyzed: 05/10/25 02:39			
ISTD: Fluorobenzene	29666	5.937	289245	5.937	10	50 - 200	0.0000	+/-0.17	*
ISTD: Chlorobenzene-d5	114914	8.969	1042167	8.966	11	50 - 200	0.0030	+/-0.17	*
ISTD: 1,2-Dichlorobenzene-d4	55811	11.95	556654	11.946	10	50 - 200	0.0040	+/-0.17	*
25SB-7 (0-2) (25E0288-12)			Lab File ID: V5446424.D			Analyzed: 05/10/25 03:06			
ISTD: Fluorobenzene	283398	5.937	289245	5.937	98	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	970491	8.969	1042167	8.966	93	50 - 200	0.0030	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	433077	11.946	556654	11.946	78	50 - 200	0.0000	+/-0.17	
25SB-7 (3-5) (25E0288-13)			Lab File ID: V5446425.D			Analyzed: 05/10/25 03:34			
ISTD: Fluorobenzene	270234	5.937	289245	5.937	93	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	957169	8.966	1042167	8.966	92	50 - 200	0.0000	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	431298	11.946	556654	11.946	77	50 - 200	0.0000	+/-0.17	
25SB-7 (6-8) (25E0288-14)			Lab File ID: V5446426.D			Analyzed: 05/10/25 04:01			
ISTD: Fluorobenzene	174824	5.937	289245	5.937	60	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	629746	8.969	1042167	8.966	60	50 - 200	0.0030	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	297338	11.947	556654	11.946	53	50 - 200	0.0010	+/-0.17	
25SB-3 (0-2) (25E0288-15)			Lab File ID: V5446427.D			Analyzed: 05/10/25 04:28			
ISTD: Fluorobenzene	235465	5.937	289245	5.937	81	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	819271	8.969	1042167	8.966	79	50 - 200	0.0030	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	364929	11.947	556654	11.946	66	50 - 200	0.0010	+/-0.17	
25SB-3 (4-6) (25E0288-16)			Lab File ID: V5446428.D			Analyzed: 05/10/25 04:56			
ISTD: Fluorobenzene	271366	5.937	289245	5.937	94	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	956871	8.969	1042167	8.966	92	50 - 200	0.0030	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	433012	11.946	556654	11.946	78	50 - 200	0.0000	+/-0.17	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288
Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York
Sequence: S5E1221 Instrument: VOA No. 3
Calibration: SE50010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5E1221-CCV1)			Lab File ID: V31904979.D			Analyzed: 05/11/25 13:56			
ISTD: Fluorobenzene	125658	6.135				50 - 200		+/-0.17	
ISTD: Chlorobenzene-d5	475102	9.18				50 - 200		+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	226368	12.177				50 - 200		+/-0.17	
LCS (BE50816-BS1)			Lab File ID: V31904980.D			Analyzed: 05/11/25 14:22			
ISTD: Fluorobenzene	141337	6.132	125658	6.135	112	50 - 200	-0.0030	+/-0.17	
ISTD: Chlorobenzene-d5	519099	9.177	475102	9.18	109	50 - 200	-0.0030	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	238942	12.174	226368	12.177	106	50 - 200	-0.0030	+/-0.17	
LCS Dup (BE50816-BSD1)			Lab File ID: V31904981.D			Analyzed: 05/11/25 14:48			
ISTD: Fluorobenzene	148261	6.132	125658	6.135	118	50 - 200	-0.0030	+/-0.17	
ISTD: Chlorobenzene-d5	555076	9.18	475102	9.18	117	50 - 200	0.0000	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	252132	12.177	226368	12.177	111	50 - 200	0.0000	+/-0.17	
Blank (BE50816-BLK1)			Lab File ID: V31904982.D			Analyzed: 05/11/25 15:15			
ISTD: Fluorobenzene	140277	6.135	125658	6.135	112	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	491522	9.18	475102	9.18	103	50 - 200	0.0000	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	185938	12.177	226368	12.177	82	50 - 200	0.0000	+/-0.17	
25SB-15 (0-2) (25E0288-01)			Lab File ID: V31904983.D			Analyzed: 05/11/25 15:41			
ISTD: Fluorobenzene	114937	6.132	125658	6.135	91	50 - 200	-0.0030	+/-0.17	
ISTD: Chlorobenzene-d5	407647	9.18	475102	9.18	86	50 - 200	0.0000	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	160717	12.177	226368	12.177	71	50 - 200	0.0000	+/-0.17	
25SB-15 (4-6) (25E0288-02)			Lab File ID: V31904984.D			Analyzed: 05/11/25 16:07			
ISTD: Fluorobenzene	116064	6.135	125658	6.135	92	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	417937	9.18	475102	9.18	88	50 - 200	0.0000	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	168398	12.177	226368	12.177	74	50 - 200	0.0000	+/-0.17	
25SB-3 (11-13) (25E0288-17)			Lab File ID: V31904986.D			Analyzed: 05/11/25 17:00			
ISTD: Fluorobenzene	45145	6.132	125658	6.135	36	50 - 200	-0.0030	+/-0.17	*
ISTD: Chlorobenzene-d5	163625	9.18	475102	9.18	34	50 - 200	0.0000	+/-0.17	*
ISTD: 1,2-Dichlorobenzene-d4	68729	12.177	226368	12.177	30	50 - 200	0.0000	+/-0.17	*
25SB-1 (0-2) (25E0288-04)			Lab File ID: V31904987.D			Analyzed: 05/11/25 17:26			
ISTD: Fluorobenzene	114290	6.132	125658	6.135	91	50 - 200	-0.0030	+/-0.17	
ISTD: Chlorobenzene-d5	405717	9.18	475102	9.18	85	50 - 200	0.0000	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	164372	12.177	226368	12.177	73	50 - 200	0.0000	+/-0.17	
Matrix Spike (BE50816-MS1)			Lab File ID: V31904988.D			Analyzed: 05/11/25 17:52			
ISTD: Fluorobenzene	110310	6.132	125658	6.135	88	50 - 200	-0.0030	+/-0.17	
ISTD: Chlorobenzene-d5	412605	9.18	475102	9.18	87	50 - 200	0.0000	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	195716	12.177	226368	12.177	86	50 - 200	0.0000	+/-0.17	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50043
Instrument: VOA#11
Calibration Date: 04/25/25 00:41

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.3226624	9.318514	9.546428	8.192818E-03			20	
1,1,1-Trichloroethane	2.466579	7.279327	5.745571	0.0110487			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5889146	4.484541	10.86814	1.875076E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.319684	6.850127	3.480429	3.383465E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.231507	4.568814	8.414571	6.499316E-03			SPCC (0.1)	
1,1-Dichloroethane	2.2707	6.083204	4.704714	1.997322E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.869408	6.208012	3.501429	0.0455728			SPCC (0.1)	
1,1-Dichloropropylene	1.994389	7.372179	5.899714	9.119778E-03			20	
1,2,3-Trichlorobenzene	0.7108054	4.543853	14.87614	1.655482E-02			20	
1,2,3-Trichloropropane	0.2005289	6.220581	10.92357	4.234847E-03			20	
1,2,3-Trimethylbenzene	2.42661	4.011925	12.06143	1.662675E-02			20	
1,2,4,5-Tetramethylbenzene	2.344116	8.111338	13.25414	1.889635E-02			20	
1,2,4-Trichlorobenzene	0.7671872	4.965907	14.30143	5.910811E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.61945	5.697676	11.57257	1.761053E-02			20	
1,2-Dibromo-3-chloropropane	9.225911E-02	30.82251	13.367	1.745301E-02		0.9978765	SPCC (0.05)	
1,2-Dibromoethane	0.2376623	5.574079	8.971714	1.621897E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.312788	2.682431	12.46529	1.988626E-02			SPCC (0.4)	
1,2-Dichloroethane	1.631592	4.22885	6.136857	1.948847E-03			SPCC (0.1)	
1,2-Dichloropropane	0.2608485	4.814221	6.953	1.979384E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.708475	3.431919	11.14257	8.989811E-03			20	
1,3-Dichlorobenzene	1.497395	4.592298	11.93243	2.065667E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3889117	3.212058	8.589143	2.026668E-02			20	
1,4-Dichlorobenzene	1.423919	2.570539	12.03214	9.709702E-03			SPCC (0.5)	
1,4-Dioxane	2.164195E-03	19.04339	7.081333	4.379057E-02		0.996531	0.99	
2,2-Dichloropropane	2.32908	8.235637	5.257714	1.687487E-02			20	
2-Butanone	0.1471925	19.58102	5.266667	0.0213465		0.9966915	SPCC (0.1)	
2-Chloroethylvinyl ether	0.1154082	8.782487	7.482	1.534796E-02			20	
2-Chlorotoluene	2.613549	3.724121	11.08343	1.395213E-02			20	
2-Hexanone	0.1353283	13.5314	8.623286	1.545799E-02			SPCC (0.1)	
2-Nitropropane	5.097552E-02	37.23049	7.446286	2.471843E-02		0.998572	0.99	
4-Chlorotoluene	2.196169	3.436078	11.20229	1.832431E-03			20	
4-Methyl-2-pentanone	0.1816824	9.591479	7.773429	6.648162E-03			SPCC (0.1)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SD50043 Instrument: VOA#11

Calibration Date: 04/25/25 00:41

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.3511221	12.25778	3.567429	3.296953E-02			SPCC (0.1)	
Acrolein	0.1237098	17.72369	3.409667	2.879717E-02		0.9981744	0.99	
Acrylonitrile	0.3018801	15.55976	4.269143	3.165602E-02		0.998079	0.99	
Allyl chloride	1.554615	7.320463	3.880857	2.543035E-02			20	
Benzene	5.530195	5.26613	6.108	2.439213E-02			SPCC (0.5)	
Bromobenzene	1.434517	3.516862	10.898	2.138046E-02			20	
Bromochloromethane	0.857169	5.140801	5.512286	1.463261E-02			20	
Bromodichloromethane	0.3922648	6.352025	7.227714	2.053629E-02			SPCC (0.2)	
Bromoform	0.1612179	13.69023	10.38386	9.361095E-03			SPCC (0.1)	
Bromomethane	1.384031	9.750788	2.536143	9.186629E-02			SPCC (0.1)	
Carbon disulfide	3.835367	6.202751	3.749714	2.964815E-02			SPCC (0.1)	
Carbon tetrachloride	2.34821	9.200147	5.904857	1.792812E-02			SPCC (0.1)	
Chlorobenzene	0.8974656	3.247723	9.465857	3.497221E-03			SPCC (0.5)	
Chloroethane	0.9993638	6.231884	2.653571	6.356278E-02			SPCC (0.1)	
Chloroform	2.452548	4.224211	5.576572	1.048121E-02			SPCC (0.2)	
Chloromethane	0.9315962	5.418306	2.008	9.467544E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	2.054139	5.645883	5.27	1.252884E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.4558985	7.02137	7.655714	9.506181E-03			SPCC (0.2)	
cis-decahydronaphthalene							20	
Cyclohexane	1.998024	10.29879	5.787857	2.263318E-02			SPCC (0.1)	
Dibromochloromethane	0.2890988	7.981039	8.842	7.187688E-03			SPCC (0.1)	
Dibromomethane	0.1631434	6.873047	7.090143	1.415939E-02			20	
Dichlorodifluoromethane	0.6971849	6.335654	1.793571	0.1197913			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.589213	39.80888	4.713286	2.087178E-02		0.9624591	0.99	*
Ethanol	6.798765E-03	33.88331	3.180571	0.1986806		0.9975392	0.99	
Ethyl Benzene	1.578042	6.048981	9.549571	1.042131E-02			SPCC (0.1)	
Ethyl Ether	0.6348739	2.031032	3.2434	5.780255E-02			20	
Ethyl Methacrylate	0.2984771	8.628608	8.246143	1.165391E-02			20	
Ethyl tert-butyl ether (ETBE)	3.065737	5.676191	5.065333	1.974116E-02			20	
Hexachlorobutadiene	0.4805847	7.350196	14.46357	4.331388E-03			20	
Hexachloroethane	0.5615249	8.862381	12.74229	1.375818E-02			20	
Iodomethane	1.382059	28.2686	3.683286	3.979133E-02		0.9997278	0.99	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50043
Instrument: VOA#11
Calibration Date: 04/25/25 00:41

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	3.490899	4.556905	10.499	1.807459E-02			SPCC (0.1)	
Limonene	0.7047893	13.04766	11.8596	1.465588E-02			20	
Methyl acetate	0.7224936	14.7876	3.895286	5.962773E-02			SPCC (0.1)	
Methyl Methacrylate	0.1547264	9.615777	7.010286	1.458472E-02			20	
Methyl tert-butyl ether (MTBE)	3.167855	6.6323	4.256714	0.0345402			SPCC (0.1)	
Methylcyclohexane	0.5921026	8.595372	6.892429	1.558552E-02			SPCC (0.1)	
Methylene chloride	1.45895	13.20522	4.020571	2.395605E-02			SPCC (0.1)	
Naphthalene	1.843549	6.553304	14.59357	5.864849E-03			20	
n-butyl acetate	3.606803E-02	10.41941	8.72725	0.0191599			20	
n-Butylbenzene	3.349821	4.802958	12.38014	1.209697E-02			20	
n-Decane	1.032142	5.987584	11.088	1.469625E-02			20	
n-Hexane	1.811288	6.223244	4.511	1.903798E-02			20	
Nitrobenzene	2.848371E-02	37.94058	13.6096	1.697686E-02			20	*
n-Nonane	0.4262031	9.021973	9.6242	6.500866E-03			20	
n-octane	0.3461824	7.611139	8.0244	1.864398E-02			20	
n-Propylbenzene	3.975323	4.014509	10.95471	1.510944E-02			20	
n-undecane	0.815589	6.159636	12.4322	5.036925E-03			20	
o-Xylene	1.166146	5.848437	10.11129	9.019651E-03			SPCC (0.3)	
p- & m- Xylenes	1.21939	5.673574	9.670429	1.499926E-02			SPCC (0.1)	
p-Diethylbenzene	1.636445	7.086948	12.359	9.660365E-03			20	
p-Ethyltoluene	3.219495	5.846961	11.07643	1.363388E-02			20	
p-Isopropyltoluene	3.313682	6.365178	11.91514	1.079122E-02			20	
sec-Butylbenzene	3.74823	4.652967	11.76	1.607482E-02			20	
Styrene	0.9414802	8.900486	10.12929	4.300886E-03			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.373346	1.378805	6.063714	1.730137E-02			20	
SURR: p-Bromofluorobenzene	1.006494	4.06824	10.70486	8.398246E-03			20	
SURR: Toluene-d8	1.305143	0.8049751	7.915429	1.192812E-02			20	
tert-Amyl alcohol (TAA)	8.489005E-02	12.87222	6.074	1.455379E-02			20	
tert-Amyl methyl ether (TAME)	3.154936	7.180681	6.164333	4.555726E-03			20	
tert-Butyl alcohol (TBA)	8.316315E-02	9.082733	4.120143	1.923447E-02			20	
tert-Butylbenzene	2.588598	5.235336	11.51429	1.035772E-02			20	
Tetrachloroethylene	0.4466681	7.986975	8.553143	7.71383E-03			SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50043
Instrument: VOA#11
Calibration Date: 04/25/25 00:41

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.112125	22.42962	5.545	1.526915E-02		0.9976152	0.99	
Toluene	1.439662	4.294817	7.984286	3.515841E-03			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.800077	5.131852	4.282286	2.226506E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.4076538	7.587813	8.213143	0.0230558			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.7900355	5.406137	10.91857	6.476524E-03			20	
trans-decahydronaphthalene							20	
Trichloroethylene	0.3458948	5.58031	6.724286	1.928017E-02			SPCC (0.2)	
Trichlorofluoromethane	3.116094	5.286566	2.930286	7.111747E-02			SPCC (0.1)	
Vinyl acetate	3.040818	6.155598	4.718857	1.843219E-02			20	
Vinyl Chloride	1.312077	4.899656	2.142429	7.658438E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50005
Instrument: QVOA9
Calibration Date: 05/05/25 19:38

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.201591	7.770978	9.113	1.004369E-02			20	
1,1,1-Trichloroethane	0.2726656	5.293717	5.335143	7.181798E-03			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.38353	5.620703	10.40057	9.33026E-03			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.1758374	4.965696	3.169429	0.045707			SPCC (0.1)	
1,1,2-Trichloroethane	0.118043	4.627565	7.967143	9.70329E-03			SPCC (0.1)	
1,1-Dichloroethane	0.281138	2.885317	4.307	1.985735E-02			SPCC (0.2)	
1,1-Dichloroethylene	0.2006172	4.67243	3.150857	4.772411E-02			SPCC (0.1)	
1,1-Dichloropropylene	0.2253507	3.912755	5.486714	7.581831E-03			20	
1,2,3-Trichlorobenzene	0.3204009	9.53973	14.393	1.969937E-02			20	
1,2,3-Trichloropropane	0.1271674	2.998747	10.46414	1.350474E-02			20	
1,2,3-Trimethylbenzene	4.263007	7.425968	11.63171	1.913792E-02			20	
1,2,4,5-Tetramethylbenzene	2.557416	10.32661	12.853	7.225707E-03			20	
1,2,4-Trichlorobenzene	0.4920398	9.991066	13.84229	8.583096E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	3.755549	3.817374	11.16843	2.026356E-03			20	
1,2-Dibromo-3-chloropropane	5.185736E-02	12.07437	12.879	1.759819E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1005892	7.918008	8.498286	0.0201374			SPCC (0.1)	
1,2-Dichlorobenzene	1.42959	3.101581	12.00457	3.925163E-03			SPCC (0.4)	
1,2-Dichloroethane	0.1219907	2.383368	5.694286	2.747672E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2011258	1.850055	6.527	2.232923E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	4.050032	4.791243	10.68257	4.810992E-03			20	
1,3-Dichlorobenzene	1.861821	2.436596	11.49	9.791477E-03			SPCC (0.6)	
1,3-Dichloropropane	0.1990487	3.162326	8.137	1.120433E-02			20	
1,4-Dichlorobenzene	1.768536	2.715509	11.604	1.082434E-02			SPCC (0.5)	
1,4-Dioxane							20	
2,2-Dichloropropane	0.2396799	5.922535	4.856	1.832801E-02			20	
2-Butanone	1.315142E-02	8.357481	4.814571	6.624905E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	1.727824E-03	54.64869	7.039286	2.810584E-02			20	*
2-Chlorotoluene	1.174	3.805805	10.64871	9.750269E-03			20	
2-Hexanone	2.594569E-02	12.81632	8.178714	1.931902E-02			SPCC (0.1)	
4-Chlorotoluene	1.144334	3.45175	10.781	0.0185515			20	
4-Methyl-2-pentanone	3.988739E-02	15.58393	7.332857	2.182381E-02			SPCC (0.1)	
Acetone	0.0148985	31.46764	3.165	5.150916E-02		0.9983449	SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50005
Instrument: QVOA9
Calibration Date: 05/05/25 19:38

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acrolein	5.567854E-03	8.331808	3.025429	8.967447E-02			20	
Acrylonitrile	1.238428E-02	9.377599	3.817571	3.963754E-02			20	
Allyl chloride	0.1607862	4.953852	3.502	7.083298E-03			20	
Benzene	0.7131856	3.525751	5.667	1.066104E-02			SPCC (0.5)	
Bromobenzene	1.474907	3.332231	10.43443	1.704015E-02			20	
Bromochloromethane	7.130628E-02	4.762292	5.062857	3.198868E-02			20	
Bromodichloromethane	0.2300191	11.94954	6.779572	0.0150407			SPCC (0.2)	
Bromoform	5.000508E-02	24.38868	9.894143	1.515469E-02		0.999298	SPCC (0.1)	
Bromomethane	5.104234E-02	31.9254	2.249	7.910097E-02		0.9989672	SPCC (0.1)	
Carbon disulfide	0.3687983	2.72412	3.38	2.129429E-02			SPCC (0.1)	
Carbon tetrachloride	0.2370248	7.057614	5.496286	3.381881E-02			SPCC (0.1)	
Chlorobenzene	0.6879178	3.199835	9.025143	1.074837E-02			SPCC (0.5)	
Chlorodifluoromethane (Freon 22)							20	
Chloroethane	8.007131E-02	6.373109	2.363	2.218745E-02			SPCC (0.1)	
Chloroform	0.2946003	3.01396	5.157571	1.743765E-02			SPCC (0.2)	
Chloromethane	9.172879E-02	3.851044	1.792571	6.475771E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	0.2288359	3.171387	4.845714	3.218592E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.2744965	13.52563	7.207428	1.337913E-02			SPCC (0.2)	
cis-decahydronaphthalene							20	
Cyclohexane	0.5640902	5.439584	5.434	1.235411E-02			SPCC (0.1)	
Dibromochloromethane	0.1266619	19.37686	8.371571	8.304582E-03			SPCC (0.1)	
Dibromomethane	7.696482E-02	4.826599	6.614	1.778551E-02			20	
Dichlorodifluoromethane	0.1445148	9.204134	1.604	8.570163E-03			SPCC (0.1)	
Diisopropyl ether (DIPE)	0.32679	4.6589	4.353429	2.428206E-02			20	
Ethanol	8.000234E-04	2.703022	2.915857	5.002072E-02			20	
Ethyl Benzene	1.837273	6.070901	9.266143	2.365153E-02			SPCC (0.1)	
Ethyl Ether							20	
Ethyl Methacrylate	0.1111002	17.16394	7.822571	1.849084E-02			20	
Ethyl tert-butyl ether (ETBE)	0.2977981	7.198766	4.696857	3.755998E-02			20	
Hexachlorobutadiene	0.2022027	8.047216	14.02357	1.073442E-02			20	
Hexachloroethane	0.5320815	15.23097	12.33557	1.658438E-02			20	
Iodomethane	0.113234	37.177	3.290714	3.591225E-02		0.9983533	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50005
Instrument: QVOA9
Calibration Date: 05/05/25 19:38

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	5.084377	4.67752	10.08486	1.711388E-02			SPCC (0.1)	
Limonene							20	
Methyl acetate	3.747937E-02	2.936997	3.483571	6.208807E-02			SPCC (0.1)	
Methyl Methacrylate	2.517445E-02	15.19099	6.57	1.575019E-02			20	
Methyl tert-butyl ether (MTBE)	0.2373003	5.373412	3.899143	5.795623E-02			SPCC (0.1)	
Methylcyclohexane	0.4907376	3.623001	6.547	1.350263E-02			SPCC (0.1)	
Methylene chloride	0.1314	4.297928	3.621857	3.535074E-02			SPCC (0.1)	
Naphthalene	0.8052536	12.89573	14.132	9.500738E-03			20	
n-butyl acetate							20	
n-Butylbenzene	3.677275	3.900095	11.99	2.350338E-02			20	
n-Decane							20	
n-Hexane							20	
Nitrobenzene	0.1889554	6.090694	12.85214	0.0123769			20	
n-Nonane							20	
n-octane							20	
n-Propylbenzene	5.597052	4.868002	10.54643	0.0192882			20	
n-undecane							20	
o-Xylene	0.9034278	4.88112	9.683	1.283233E-02			SPCC (0.3)	
p- & m- Xylenes	0.9186363	6.07091	9.266143	2.365153E-02			SPCC (0.1)	
p-Diethylbenzene	2.020765	7.243946	11.961	2.001695E-02			20	
p-Ethyltoluene	4.050032	4.791243	10.68257	4.810992E-03			20	
p-Isopropyltoluene	4.024686	5.303193	11.52843	2.018214E-02			20	
sec-Butylbenzene	4.757777	4.221918	11.35529	1.305812E-02			20	
Styrene	0.6107431	9.846223	9.698285	1.441768E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	0.1251855	1.150826	5.62	1.280689E-02			20	
SURR: p-Bromofluorobenzene	1.626125	1.634596	10.27543	6.575641E-03			20	
SURR: Toluene-d8	1.374702	0.9452271	7.488571	6.980302E-03			20	
tert-Amyl alcohol (TAA)	1.697752E-03	16.54615	5.649857	5.111452E-02			20	
tert-Amyl methyl ether (TAME)	0.2568347	9.414175	5.792428	3.861738E-03			20	
tert-Butyl alcohol (TBA)	2.932622E-03	16.68953	3.718571	0.1659102			20	
tert-Butylbenzene	3.912407	3.411032	11.10229	2.212865E-02			20	
Tetrachloroethylene	0.3161655	2.628288	8.105428	1.287086E-02			SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50005
Instrument: QVOA9
Calibration Date: 05/05/25 19:38

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	8.501422E-03	5.674278	5.101714	7.432034E-02			20	
Toluene	1.159886	9.004431	7.558429	1.310074E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	0.2039742	3.626892	3.903	4.515456E-03			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.1842564	17.48063	7.768	2.632762E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	4.438484E-02	44.30523	10.441	1.495305E-02		0.9991222	0.99	
trans-decahydronaphthalene							20	
Trichloroethylene	0.2616287	2.579212	6.297857	1.354166E-02			SPCC (0.2)	
Trichlorofluoromethane	0.2191213	8.354995	2.633857	5.231399E-02			SPCC (0.1)	
Vinyl acetate	7.632092E-02	9.6079	4.299286	3.849735E-02			20	
Vinyl Chloride	0.1357382	7.788739	1.905714	6.655164E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2152805	23.53426	9.293428	2.166128E-02		0.9992838	0.99	
1,1,1-Trichloroethane	1.148025	10.18036	5.516167	4.955129E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5049268	8.776378	10.617	2.440592E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.204106	14.0246	3.296	9.225994E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1797938	6.164384	8.172714	2.966677E-02			SPCC (0.1)	
1,1-Dichloroethane	1.674656	7.980267	4.493286	3.560229E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.568151	7.933548	3.315428	5.513168E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.346188	14.75364	5.669286	1.168399E-02			20	
1,2,3-Trichlorobenzene	0.4345849	28.19924	14.6	0.0202292		0.9999597	0.99	
1,2,3-Trichloropropane	0.1333695	10.4536	10.669	2.492312E-02			20	
1,2,3-Trimethylbenzene	1.98604	15.3771	11.79914	1.536822E-02		0.9996954	0.99	
1,2,4,5-Tetramethylbenzene	1.689902	31.90639	12.98943	9.827251E-03		0.9998888	0.99	
1,2,4-Trichlorobenzene	0.4821056	36.12883	14.029	1.097435E-02		0.9999425	SPCC (0.2)	
1,2,4-Trimethylbenzene	2.127011	19.97827	11.314	1.591285E-02		0.9992412	0.99	
1,2-Dibromo-3-chloropropane	6.074129E-02	19.36275	13.10057	3.532306E-02		0.9997099	SPCC (0.05)	
1,2-Dibromoethane	0.1566649	11.28042	8.719286	2.594811E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.021587	9.411168	12.19686	2.811354E-02			SPCC (0.4)	
1,2-Dichloroethane	0.9588114	2.535974	5.907	3.022801E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2480015	4.419208	6.716429	2.702294E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.163343	13.68821	10.88657	1.828378E-02			20	
1,3-Dichlorobenzene	1.188635	17.13588	11.66743	1.174525E-02		0.9984721	SPCC (0.6)	
1,3-Dichloropropane	0.3173446	6.526003	8.343143	3.198223E-02			20	
1,4-Dichlorobenzene	1.053534	17.80918	11.768	1.997912E-02		0.9998754	SPCC (0.5)	
1,4-Dioxane	1.484578E-03	27.42674	6.846143	3.754513E-02		0.999718	0.99	
2,2-Dichloropropane	1.188475	22.71865	5.036429	3.398576E-02		0.9999651	0.99	
2-Butanone	8.469989E-02	28.70439	5.055	3.560174E-02		0.9998339	SPCC (0.1)	
2-Chloroethylvinyl ether	6.178585E-02	16.69237	7.247714	3.119138E-02		0.9999127	0.99	
2-Chlorotoluene	2.270612	10.40802	10.82343	1.294704E-02			20	
2-Hexanone	8.264891E-02	22.22132	8.387143	2.710616E-02		0.999821	SPCC (0.1)	
2-Nitropropane	2.929392E-02	24.01759	7.21	4.199584E-02		0.9998541	0.99	
4-Chlorotoluene	1.834339	8.984864	10.94186	1.480685E-02			20	
4-Methyl-2-pentanone	0.1141953	22.37749	7.541	2.529449E-02		0.9996875	SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.2317549	13.90344	3.386286	7.160947E-02			SPCC (0.1)	
Acrolein	0.1346983	6.719795	3.232286	0.0720173			20	
Acrylonitrile	0.2287738	10.1466	4.072571	0.0776474			20	
Allyl chloride	1.187369	12.0705	3.686429	9.249116E-03			20	
Benzene	4.101272	9.330942	5.875429	1.798749E-02			SPCC (0.5)	
Bromobenzene	0.9579632	8.895121	10.62486	2.041472E-02			20	
Bromochloromethane	0.6291648	2.88067	5.290143	3.214336E-02			20	
Bromodichloromethane	0.2752001	11.01803	6.991429	2.035524E-02			SPCC (0.2)	
Bromoform	7.550714E-02	27.76927	10.126	2.292785E-02		0.9996292	SPCC (0.1)	
Bromomethane	0.9319408	13.81485	2.384	0.1125705			SPCC (0.1)	
Carbon disulfide	3.249382	7.965981	3.554143	3.848769E-02			SPCC (0.1)	
Carbon tetrachloride	1.071329	23.14336	5.672857	2.939861E-02		0.9999659	SPCC (0.1)	
Chlorobenzene	0.7020082	9.942478	9.211143	1.197346E-02			SPCC (0.5)	
Chloroethane	0.8219206	9.869331	2.5	6.176324E-02			SPCC (0.1)	
Chloroform	1.504637	7.191094	5.355429	2.320304E-02			SPCC (0.2)	
Chloromethane	1.12893	6.297399	1.892571	6.211819E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.415098	11.13807	5.052429	0.0523336			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3473293	20.47961	7.415857	0.0125713		0.9998636	SPCC (0.2)	
cis-decahydronaphthalene	0.3904576	17.48407	12.7698	2.437058E-02			20	
Cyclohexane	1.614443	17.46152	5.557714	0.0440853		0.9997852	SPCC (0.1)	
Dibromochloromethane	0.160162	19.09661	8.593429	1.818693E-02		0.9998569	SPCC (0.1)	
Dibromomethane	0.1221349	7.064565	6.85	1.846922E-02			20	
Dichlorodifluoromethane	0.7537147	3.215865	1.682857	8.828588E-02			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.14316	13.70883	4.5075	3.156282E-02			20	
Ethanol	5.97553E-03	4.833001	3.011167	6.484142E-02			20	
Ethyl Benzene	1.269525	16.47638	9.298143	2.098651E-02		0.9997338	SPCC (0.1)	
Ethyl Ether	0.6907483	5.03263	3.0702	2.709435E-02			20	
Ethyl Methacrylate	0.2179799	25.59831	8.010286	2.791806E-02		0.9995473	0.99	
Ethyl tert-butyl ether (ETBE)	1.752369	20.71583	4.853167	3.924696E-02		0.9995143	0.99	
Hexachlorobutadiene	0.2947372	28.06457	14.18914	2.213529E-02		0.9998905	0.99	
Hexachloroethane	0.3870946	24.08237	12.47157	1.285549E-02		0.999664	0.99	
Iodomethane	0.8076757	24.7202	3.488571	4.954129E-02		0.9991614	0.99	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	2.467639	23.05527	10.24386	0.020598		0.9997847	SPCC (0.1)	
Limonene	0.5454457	22.00639	11.6	1.919746E-02	0.99712		0.99	
Methyl acetate	0.3786168	7.803655	3.7044	6.118531E-02			SPCC (0.1)	
Methyl Methacrylate	0.1108728	20.28413	6.780429	1.840642E-02		0.9998226	0.99	
Methyl tert-butyl ether (MTBE)	1.652811	21.30583	4.059857	3.345353E-02		0.9997438	SPCC (0.1)	
Methylcyclohexane	0.4998991	20.92013	6.650571	2.699197E-02		0.9998903	SPCC (0.1)	
Methylene chloride	1.145734	13.16311	3.822429	0.0466847			SPCC (0.1)	
Naphthalene	1.01996	33.96707	14.32	0.0236625		0.9997671	0.99	
n-butyl acetate	8.316515E-02	25.47255	8.49	1.697155E-02	0.99726		0.99	
n-Butylbenzene	3.008152	10.98297	12.12471	2.166234E-02			20	
n-Decane	1.1283	3.603148	10.836	2.110303E-02			20	
n-Hexane	1.357208	10.17282	4.3012	3.652193E-02			20	
Nitrobenzene	1.566084E-02	33.03505	13.342	9.144699E-03		0.9999037	0.99	
n-Nonane	0.4169293	9.238274	9.3766	2.213854E-02			20	
n-octane	0.2872014	8.108407	7.7828	2.716484E-02			20	
n-Propylbenzene	3.282471	12.494	10.69843	1.596521E-02			20	
n-undecane	1.041801	13.94241	12.1764	1.020477E-02			20	
o-Xylene	0.8980704	24.10605	9.857	2.553265E-02		0.9997169	SPCC (0.3)	
p- & m- Xylenes	1.001163	10.66304	9.417571	2.652885E-02			SPCC (0.1)	
p-Diethylbenzene	1.36418	25.95655	12.09486	1.451068E-02		0.9999808	0.99	
p-Ethyltoluene	2.624067	17.63629	10.82214	1.776569E-02		0.9995799	0.99	
p-Isopropyltoluene	2.545543	19.1297	11.65686	6.746805E-03		0.9994185	0.99	
sec-Butylbenzene	2.829732	18.71045	11.50043	1.019667E-02		0.9998234	0.99	
Styrene	0.7291689	25.63337	9.875429	2.950136E-02		0.9996248	SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.095279	0.5000652	5.836	2.407198E-02			20	
SURR: p-Bromofluorobenzene	1.048003	6.154725	10.44757	1.705966E-02			20	
SURR: Toluene-d8	1.461961	2.571923	7.670286	2.665847E-02			20	
tert-Amyl alcohol (TAA)	3.396096E-02	32.79675	5.8655	0.0313023		0.9994983	0.99	
tert-Amyl methyl ether (TAME)	1.678164	21.53541	5.9395	1.098205E-02		0.9995597	0.99	
tert-Butyl alcohol (TBA)	3.043614E-02	19.9886	3.94	8.875457E-02		0.9996065	0.99	
tert-Butylbenzene	1.731803	25.18325	11.25514	5.466366E-03		0.9997294	0.99	
Tetrachloroethylene	0.2712653	22.49908	8.301428	9.475652E-03		0.999945	SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.1337406	19.75142	5.331	7.931604E-02		0.9999046	0.99	
Toluene	1.187486	9.539273	7.738143	0.0229169			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.339901	8.345819	4.078	4.506116E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2879705	19.27122	7.972143	2.447255E-02		0.9997084	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5442103	12.54113	10.66857	1.994402E-02			20	
trans-decahydronaphthalene	0.3904576	17.48407	12.7698	2.437058E-02			20	
Trichloroethylene	0.2563991	15.28645	6.487143	2.005009E-02		0.9999599	SPCC (0.2)	
Trichlorofluoromethane	1.829268	6.767099	2.769	6.231771E-02			SPCC (0.1)	
Vinyl acetate	2.037477	10.35259	4.514143	1.618564E-02			20	
Vinyl Chloride	1.356017	8.177435	2.015	0.01356			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50012
Instrument: VOA No. 5
Calibration Date: 05/08/25 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.181042	20.59616	9.082286	1.179534E-02		0.9987784	0.99	
1,1,1-Trichloroethane	0.9773466	16.93895	5.321286	3.036114E-02		0.9997594	SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5443295	5.86786	10.40214	8.200538E-03			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.6396408	7.553373	3.115714	7.609743E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1912872	7.199399	7.967286	2.033341E-02			SPCC (0.1)	
1,1-Dichloroethane	1.432618	6.506714	4.304	2.277516E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.045083	5.311203	3.136571	2.199729E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.094115	9.451488	5.473143	2.686854E-02			20	
1,2,3-Trichlorobenzene	0.4838657	11.62615	14.35714	1.268189E-02			20	
1,2,3-Trichloropropane	0.1542724	5.470352	10.45143	3.401218E-02			20	
1,2,3-Trimethylbenzene	1.616941	6.675817	11.57514	1.456412E-02			20	
1,2,4,5-Tetramethylbenzene	1.354859	16.52631	12.76257	1.765915E-02		0.9993768	0.99	
1,2,4-Trichlorobenzene	0.4535382	14.95133	13.78986	5.268579E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	1.59589	8.657994	11.09286	1.490916E-02			20	
1,2-Dibromo-3-chloropropane	8.167305E-02	23.90268	12.86686	2.509419E-02		0.9989562	SPCC (0.05)	
1,2-Dibromoethane	0.177998	10.48462	8.506428	6.109924E-03			SPCC (0.1)	
1,2-Dichlorobenzene	0.8853846	2.64934	11.96814	0.0207143			SPCC (0.4)	
1,2-Dichloroethane	1.030954	2.158711	5.713286	2.798966E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2380937	5.351692	6.516857	1.105451E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.639439	4.752352	10.67043	9.231084E-03			20	
1,3-Dichlorobenzene	0.9012229	5.503443	11.44243	1.098148E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3466507	5.83627	8.138571	1.413695E-02			20	
1,4-Dichlorobenzene	0.851625	6.751959	11.54157	7.629477E-03			SPCC (0.5)	
1,4-Dioxane	2.640129E-03	14.36573	6.652714	3.832299E-02			20	
2,2-Dichloropropane	0.8451733	24.51193	4.845286	0.0320686		0.9992727	0.99	
2-Butanone	0.1220577	13.72691	4.873	0.0324866			SPCC (0.1)	
2-Chloroethylvinyl ether	0.1254144	18.09431	7.053429	1.389894E-02		0.9998721	0.99	
2-Chlorotoluene	1.682706	4.424603	10.603	1.439742E-02			20	
2-Hexanone	0.1532795	15.20766	8.186571	2.988985E-02		0.9998481	SPCC (0.1)	
2-Nitropropane	4.294884E-02	38.42929	7.013571	9.693683E-03		0.9972835	0.99	
4-Chlorotoluene	1.431232	2.391859	10.72143	0.0212473			20	
4-Methyl-2-pentanone	0.2060986	15.73246	7.342857	1.882622E-02		0.9998119	SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50012
Instrument: VOA No. 5
Calibration Date: 05/08/25 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.2948871	17.91551	3.218714	5.048945E-02		0.997758	SPCC (0.1)	
Acrolein	7.671489E-02	17.67823	3.062857	5.660002E-02		0.9990984	0.99	
Acrylonitrile	0.3363574	5.190603	3.892857	4.144256E-02			20	
Allyl chloride	0.7923713	4.615982	3.502571	3.593198E-02			20	
Benzene	3.430307	4.915932	5.676857	1.641339E-02			SPCC (0.5)	
Bromobenzene	0.8284396	4.186597	10.40343	1.053579E-02			20	
Bromochloromethane	0.6425276	2.416137	5.097143	3.039422E-02			20	
Bromodichloromethane	0.2421474	19.19988	6.791143	1.644419E-02		0.9996439	SPCC (0.2)	
Bromoform	9.094095E-02	36.68127	9.907571	2.041811E-02		0.9983913	SPCC (0.1)	
Bromomethane	0.2206758	12.41423	2.218	7.045995E-02			SPCC (0.1)	
Carbon disulfide	1.782108	9.429445	3.364571	3.400387E-02			SPCC (0.1)	
Carbon tetrachloride	0.7759954	25.77303	5.473143	2.686854E-02		0.9993222	SPCC (0.1)	
Chlorobenzene	0.6065496	3.702276	8.997572	5.02747E-03			SPCC (0.5)	
Chloroethane	0.4251581	7.392683	2.333714	0.1098928			SPCC (0.1)	
Chloroform	1.30638	7.461417	5.164714	2.797323E-02			SPCC (0.2)	
Chloromethane	0.7397482	7.965749	1.761571	0.1501206			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.264874	8.204915	4.861714	3.283875E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3203645	22.22267	7.215	2.761152E-02		0.9995409	SPCC (0.2)	
cis-decahydronaphthalene	0.3336554	10.30795	12.5362	1.202964E-02			20	
Cyclohexane	1.394499	10.51732	5.358428	2.500861E-02			SPCC (0.1)	
Dibromochloromethane	0.1611973	27.13661	8.384857	1.309347E-02		0.9993072	SPCC (0.1)	
Dibromomethane	0.1281791	8.962136	6.651	1.017199E-02			20	
Dichlorodifluoromethane	0.5417576	17.40353	1.563714	0.1021482		0.9980101	SPCC (0.1)	
Diisopropyl ether (DIPE)	2.169341	9.024844	4.327857	3.607164E-02			20	
Ethanol	5.966631E-03	12.06314	2.86	0.1063705			20	
Ethyl Benzene	1.06863	8.847842	9.085857	1.176348E-02			SPCC (0.1)	
Ethyl Ether	0.5051778	3.263287	2.9026	5.187507E-02		0.9998635	0.99	
Ethyl Methacrylate	0.280712	19.78742	7.815	9.625707E-03			20	
Ethyl tert-butyl ether (ETBE)	1.785808	17.25086	4.673428	4.194614E-02		0.9996785	0.99	
Hexachlorobutadiene	0.2828748	10.63137	13.95429	1.828323E-02			20	
Hexachloroethane	0.2375758	33.12632	12.23943	1.835467E-02		0.9980954	0.99	
Iodomethane	0.5975975	19.65969	3.303857	6.079634E-02		0.998811	0.99	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50012
Instrument: VOA No. 5
Calibration Date: 05/08/25 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	1.888142	11.07583	10.02871	1.380315E-02			SPCC (0.1)	
Limonene	0.4549575	13.6717	11.3778	0.014649			20	
Methyl acetate	0.4665552	5.551466	3.531143	3.917756E-02			SPCC (0.1)	
Methyl Methacrylate	0.1561535	16.91151	6.590857	1.320479E-02		0.9997679	0.99	
Methyl tert-butyl ether (MTBE)	1.967636	11.83303	3.877714	4.054392E-02			SPCC (0.1)	
Methylcyclohexane	0.4183269	12.57225	6.447143	1.941963E-02			SPCC (0.1)	
Methylene chloride	1.002951	33.52563	3.638	1.868593E-02		0.9991059	SPCC (0.1)	
Naphthalene	1.382977	20.02387	14.07629	2.366233E-03		0.9991897	0.99	
n-butyl acetate	0.1294044	17.32308	8.294	2.086775E-02			20	
n-Butylbenzene	2.048703	3.244712	11.90157	9.818943E-03			20	
n-Decane	0.8147685	5.312177	10.625	0			20	
n-Hexane	1.248641	4.295826	4.1096	5.001386E-02			20	
Nitrobenzene	1.669943E-02	49.04916	13.10757	1.358112E-02		0.9937459	0.99	
n-Nonane	0.3619737	10.1282	9.1724	9.87989E-03			20	
n-octane	0.2304809	6.599537	7.5838	2.581808E-02			20	
n-Propylbenzene	2.431466	4.637178	10.48043	1.440887E-02			20	
n-undecane	0.6580183	7.77601	11.9612	1.362435E-02			20	
o-Xylene	0.7906581	12.98286	9.642286	1.212707E-02			SPCC (0.3)	
p- & m- Xylenes	0.8251454	6.298787	9.207428	1.358963E-02			SPCC (0.1)	
p-Diethylbenzene	0.9578622	11.43029	11.87143	2.354108E-02			20	
p-Ethyltoluene	1.86867	7.765261	10.60386	2.740152E-02			20	
p-Isopropyltoluene	1.818366	8.010264	11.43543	0.0129207			20	
sec-Butylbenzene	2.100914	7.968313	11.27843	1.538447E-02			20	
Styrene	0.6385976	13.17735	9.661286	2.205653E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.282312	0.8272842	5.641	1.060176E-02			20	
SURR: p-Bromofluorobenzene	1.012772	4.586981	10.22943	1.900342E-02			20	
SURR: Toluene-d8	1.417904	1.27242	7.464572	2.234744E-02			20	
tert-Amyl alcohol (TAA)	5.986109E-02	31.44998	5.684714	2.144577E-02		0.9981613	0.99	
tert-Amyl methyl ether (TAME)	1.754778	18.74581	5.748714	3.899622E-02		0.9995715	0.99	
tert-Butyl alcohol (TBA)	6.597307E-02	7.886723	3.776286	5.329839E-02			20	
tert-Butylbenzene	1.369072	11.25149	11.03414	1.675948E-02			20	
Tetrachloroethylene	0.2802149	12.67192	8.091714	2.578633E-02			SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50012
Instrument: VOA No. 5
Calibration Date: 05/08/25 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.246767	12.01193	5.140286	0.0678851			20	
Toluene	0.9981092	3.957209	7.534143	1.872029E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.143341	5.224001	3.889	0.0188088			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2689646	26.70299	7.772143	1.555383E-02		0.9992588	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.6030924	11.60755	10.453	2.351453E-02			20	
trans-decahydronaphthalene	0.5160946	6.644623	11.888	4.526884E-03			20	
Trichloroethylene	0.2210856	9.737936	6.288714	2.055121E-02			SPCC (0.2)	
Trichlorofluoromethane	0.9757607	7.016998	2.597714	0.0817451			SPCC (0.1)	
Vinyl acetate	2.105823	9.324311	4.334714	3.804676E-02			20	
Vinyl Chloride	0.764281	6.841522	1.873	8.824635E-03			SPCC (0.1)	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 5	Calibration:	SE50012
Lab File ID:	V5446408.D	Calibration Date:	05/08/25 07:00
Sequence:	S5E1208	Injection Date:	05/09/25
Lab Sample ID:	S5E1208-CCV1	Injection Time:	19:48

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	44.2	0.181042	0.1865901		-11.6	20	
1,1,1-Trichloroethane	A	50.0	48.3	0.9773466	0.9860499	0.1	-3.4	20	
1,1,2,2-Tetrachloroethane	A	50.0	46.2	0.5443295	0.5029929	0.3	-7.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	60.4	0.6396408	0.7727255	0.1	20.8	20	*
1,1,2-Trichloroethane	A	50.0	49.1	0.1912872	0.1879967	0.1	-1.7	20	
1,1-Dichloroethane	A	50.0	50.7	1.432618	1.453211	0.2	1.4	20	
1,1-Dichloroethylene	A	50.0	58.0	1.045083	1.21284	0.1	16.1	20	
1,2,3-Trichlorobenzene	A	50.0	50.4	0.4838657	0.4881578		0.9	20	
1,2,3-Trichloropropane	A	50.0	46.1	0.1542724	0.142214		-7.8	20	
1,2,4-Trichlorobenzene	A	50.0	52.5	0.4535382	0.4758162	0.2	4.9	20	
1,2,4-Trimethylbenzene	A	50.0	48.1	1.59589	1.533892		-3.9	20	
1,2-Dibromo-3-chloropropane	A	50.0	44.0	8.167305E-02	8.243182E-02	0.05	-12.0	20	
1,2-Dibromoethane	A	50.0	49.8	0.177998	0.1773631	0.1	-0.4	20	
1,2-Dichlorobenzene	A	50.0	50.7	0.8853846	0.8973887	0.4	1.4	20	
1,2-Dichloroethane	A	50.0	49.6	1.030954	1.023786	0.1	-0.7	20	
1,2-Dichloropropane	A	50.0	49.0	0.2380937	0.2331171	0.1	-2.1	20	
1,3,5-Trimethylbenzene	A	50.0	47.5	1.639439	1.556703		-5.0	20	
1,3-Dichlorobenzene	A	50.0	48.3	0.9012229	0.8707258	0.6	-3.4	20	
1,4-Dichlorobenzene	A	50.0	47.0	0.851625	0.8007272	0.5	-6.0	20	
1,4-Dioxane	A	1000	1040	2.640129E-03	2.755413E-03		4.4	20	
2-Butanone	A	50.0	58.1	0.1220577	0.1418555	0.1	16.2	20	
2-Hexanone	A	50.0	49.2	0.1532795	0.1686093	0.1	-1.6	20	
4-Methyl-2-pentanone	A	50.0	45.9	0.2060986	0.2105776	0.1	-8.3	20	
Acetone	A	50.0	73.0	0.2948871	0.3789936	0.1	46.0	20	*
Acrolein	A	50.0	55.7	7.671489E-02	9.310446E-02		11.4	20	
Acrylonitrile	A	50.0	54.8	0.3363574	0.3686702		9.6	20	
Benzene	A	50.0	51.0	3.430307	3.497468	0.5	2.0	20	
Bromochloromethane	A	50.0	52.6	0.6425276	0.6764611		5.3	20	
Bromodichloromethane	A	50.0	46.8	0.2421474	0.2427442	0.2	-6.5	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 5	Calibration:	SE50012
Lab File ID:	V5446408.D	Calibration Date:	05/08/25 07:00
Sequence:	S5E1208	Injection Date:	05/09/25
Lab Sample ID:	S5E1208-CCV1	Injection Time:	19:48

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	43.4	9.094095E-02	9.047686E-02	0.1	-13.2	20	
Bromomethane	A	50.0	52.2	0.2206758	0.2302235	0.1	4.3	20	
Carbon disulfide	A	50.0	61.0	1.782108	2.172338	0.1	21.9	20	*
Carbon tetrachloride	A	50.0	46.9	0.7759954	0.820474	0.1	-6.2	20	
Chlorobenzene	A	50.0	50.2	0.6065496	0.609006	0.5	0.4	20	
Chloroethane	A	50.0	55.2	0.4251581	0.4694498	0.1	10.4	20	
Chloroform	A	50.0	51.3	1.30638	1.34032	0.2	2.6	20	
Chloromethane	A	50.0	52.9	0.7397482	0.7828796	0.1	5.8	20	
cis-1,2-Dichloroethylene	A	50.0	51.6	1.264874	1.304029	0.1	3.1	20	
cis-1,3-Dichloropropylene	A	50.0	45.4	0.3203645	0.3254258	0.2	-9.2	20	
Cyclohexane	A	50.0	51.6	1.394499	1.43999	0.1	3.3	20	
Dibromochloromethane	A	50.0	48.7	0.1611973	0.1642501	0.1	-2.5	20	
Dibromomethane	A	50.0	49.5	0.1281791	0.1268002		-1.1	20	
Dichlorodifluoromethane	A	50.0	46.0	0.5417576	0.5209528	0.1	-8.0	20	
Ethyl Benzene	A	50.0	51.9	1.06863	1.109603	0.1	3.8	20	
Hexachlorobutadiene	A	50.0	52.6	0.2828748	0.2973068		5.1	20	
Isopropylbenzene	A	50.0	48.5	1.888142	1.832348	0.1	-3.0	20	
Methyl acetate	A	50.0	53.4	0.4665552	0.4983768	0.1	6.8	20	
Methyl tert-butyl ether (MTBE)	A	50.0	45.3	1.967636	1.783218	0.1	-9.4	20	
Methylcyclohexane	A	50.0	50.6	0.4183269	0.4233237	0.1	1.2	20	
Methylene chloride	A	50.0	73.9	1.002951	1.192038	0.1	47.8	20	*
n-Butylbenzene	A	50.0	53.6	2.048703	2.197266		7.3	20	
n-Propylbenzene	A	50.0	48.6	2.431466	2.361259		-2.9	20	
o-Xylene	A	50.0	52.2	0.7906581	0.8259434	0.3	4.5	20	
p- & m- Xylenes	A	100	107	0.8251454	0.8795706	0.1	6.6	20	
p-Isopropyltoluene	A	50.0	50.3	1.818366	1.829346		0.6	20	
sec-Butylbenzene	A	50.0	48.9	2.100914	2.056173		-2.1	20	
Styrene	A	50.0	52.3	0.6385976	0.6678411	0.3	4.6	20	
tert-Butyl alcohol (TBA)	A	300	220	6.597307E-02	6.021193E-02		-8.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 5	Calibration:	SE50012
Lab File ID:	V5446408.D	Calibration Date:	05/08/25 07:00
Sequence:	S5E1208	Injection Date:	05/09/25
Lab Sample ID:	S5E1208-CCV1	Injection Time:	19:48

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	48.3	1.369072	1.321588		-3.5	20	
Tetrachloroethylene	A	50.0	48.3	0.2802149	0.2705737	0.2	-3.4	20	
Toluene	A	50.0	50.2	0.9981092	1.002995	0.4	0.5	20	
trans-1,2-Dichloroethylene	A	50.0	53.2	1.143341	1.215793	0.1	6.3	20	
trans-1,3-Dichloropropylene	A	50.0	43.8	0.2689646	0.2694069	0.1	-12.5	20	
Trichloroethylene	A	50.0	49.2	0.2210856	0.2173932	0.2	-1.7	20	
Trichlorofluoromethane	A	50.0	60.6	0.9757607	1.18233	0.1	21.2	20	*
Vinyl Chloride	A	50.0	55.5	0.764281	0.8477346	0.1	10.9	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31904979.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E1221	Injection Date:	05/11/25
Lab Sample ID:	S5E1221-CCV1	Injection Time:	13:56

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	50.0	48.0	0.2152805	0.2148486		-4.0	20
1,1,1-Trichloroethane	A	50.0	52.0	1.148025	1.194051	0.1	4.0	20
1,1,2,2-Tetrachloroethane	A	50.0	46.7	0.5049268	0.4715331	0.3	-6.6	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	45.7	1.204106	1.115703	0.1	-7.3	20
1,1,2-Trichloroethane	A	50.0	51.1	0.1797938	0.1836237	0.1	2.1	20
1,1-Dichloroethane	A	50.0	50.3	1.674656	1.684429	0.2	0.6	20
1,1-Dichloroethylene	A	50.0	45.8	1.568151	1.435412	0.1	-8.5	20
1,2,3-Trichlorobenzene	A	50.0	62.5	0.4345849	0.4907275		25.0	20 *
1,2,3-Trichloropropane	A	50.0	48.0	0.1333695	0.1279244		-4.1	20
1,2,4-Trichlorobenzene X	A	50.0	64.7	0.4821056	0.5452228	0.2	29.5	20 *
1,2,4-Trimethylbenzene	A	50.0	47.2	2.127011	2.065508		-5.6	20
1,2-Dibromo-3-chloropropane	A	50.0	47.8	6.074129E-02	0.0606667	0.05	-4.4	20
1,2-Dibromoethane	A	50.0	51.7	0.1566649	0.1618979	0.1	3.3	20
1,2-Dichlorobenzene	A	50.0	50.5	1.021587	1.030967	0.4	0.9	20
1,2-Dichloroethane	A	50.0	50.4	0.9588114	0.9662099	0.1	0.8	20
1,2-Dichloropropane	A	50.0	51.4	0.2480015	0.2550821	0.1	2.9	20
1,3,5-Trimethylbenzene	A	50.0	47.8	2.163343	2.068605		-4.4	20
1,3-Dichlorobenzene	A	50.0	47.8	1.188635	1.168341	0.6	-4.4	20
1,4-Dichlorobenzene	A	50.0	54.7	1.053534	1.062822	0.5	9.4	20
1,4-Dioxane	A	1000	961	1.484578E-03	1.52483E-03		-3.9	20
2-Butanone X	A	50.0	63.0	8.469989E-02	0.1117478	0.1	25.9	20 *
2-Hexanone X	A	50.0	61.4	8.264891E-02	0.1144407	0.1	22.8	20 *
4-Methyl-2-pentanone	A	50.0	47.7	0.1141953	0.1244575	0.1	-4.6	20
Acetone X	A	50.0	70.2	0.2317549	0.325614	0.1	40.5	20 *
Acrolein	A	50.0	49.0	0.1346983	0.1318579		-2.1	20
Acrylonitrile	A	50.0	52.8	0.2287738	0.2416559		5.6	20
Benzene	A	50.0	50.2	4.101272	4.121361	0.5	0.5	20
Bromochloromethane	A	50.0	54.1	0.6291648	0.6802909		8.1	20
Bromodichloromethane	A	50.0	50.5	0.2752001	0.278014	0.2	1.0	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31904979.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E1221	Injection Date:	05/11/25
Lab Sample ID:	S5E1221-CCV1	Injection Time:	13:56

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	52.5	7.550714E-02	8.576685E-02	0.1	5.0	20	
Bromomethane X	A	50.0	36.8	0.9319408	0.6866176	0.1	-26.3	20	*
Carbon disulfide	A	50.0	45.5	3.249382	2.955904	0.1	-9.0	20	
Carbon tetrachloride	A	50.0	52.6	1.071329	1.022354	0.1	5.2	20	
Chlorobenzene	A	50.0	50.7	0.7020082	0.7112367	0.5	1.3	20	
Chloroethane	A	50.0	41.1	0.8219206	0.6653615	0.1	-19.0	20	
Chloroform	A	50.0	50.3	1.504637	1.512805	0.2	0.5	20	
Chloromethane	A	50.0	41.4	1.12893	0.9359929	0.1	-17.1	20	
cis-1,2-Dichloroethylene	A	50.0	51.5	1.415098	1.457456	0.1	3.0	20	
cis-1,3-Dichloropropylene	A	50.0	49.1	0.3473293	0.3679021	0.2	-1.7	20	
Cyclohexane	A	50.0	52.9	1.614443	1.70512	0.1	5.8	20	
Dibromochloromethane	A	50.0	51.7	0.160162	0.1730702	0.1	3.4	20	
Dibromomethane	A	50.0	50.2	0.1221349	0.1227042		0.5	20	
Dichlorodifluoromethane X	A	50.0	34.6	0.7537147	0.5219007	0.1	-30.8	20	*
Ethyl Benzene	A	50.0	48.4	1.269525	1.289727	0.1	-3.2	20	
Hexachlorobutadiene	A	50.0	65.0	0.2947372	0.3157027		30.1	20	*
Isopropylbenzene	A	50.0	47.9	2.467639	2.431704	0.1	-4.2	20	
Methyl acetate	A	50.0	50.2	0.3786168	0.3863821	0.1	2.1	20	
Methyl tert-butyl ether (MTBE)	A	50.0	45.6	1.652811	1.631428	0.1	-8.7	20	
Methylcyclohexane	A	50.0	50.2	0.4998991	0.4875837	0.1	0.4	20	
Methylene chloride	A	50.0	49.9	1.145734	1.143111	0.1	-0.2	20	
n-Butylbenzene	A	50.0	48.9	3.008152	2.939338		-2.3	20	
n-Propylbenzene	A	50.0	48.4	3.282471	3.179509		-3.1	20	
o-Xylene	A	50.0	48.3	0.8980704	0.9345383	0.3	-3.4	20	
p- & m- Xylenes	A	100	101	1.001163	1.009653	0.1	0.8	20	
p-Isopropyltoluene	A	50.0	47.3	2.545543	2.47842		-5.4	20	
sec-Butylbenzene	A	50.0	49.1	2.829732	2.788853		-1.7	20	
Styrene	A	50.0	49.7	0.7291689	0.7778435	0.3	-0.7	20	
tert-Butyl alcohol (TBA)	A	300	213	3.043614E-02	2.915453E-02		-29.2	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31904979.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E1221	Injection Date:	05/11/25
Lab Sample ID:	S5E1221-CCV1	Injection Time:	13:56

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	50.0	48.9	1.731803	1.712853		-2.2	20
Tetrachloroethylene	A	50.0	50.4	0.2712653	0.2618511	0.2	0.9	20
Toluene	A	50.0	49.8	1.187486	1.184003	0.4	-0.3	20
trans-1,2-Dichloroethylene	A	50.0	50.7	1.339901	1.359285	0.1	1.4	20
trans-1,3-Dichloropropylene	A	50.0	48.3	0.2879705	0.3029939	0.1	-3.4	20
Trichloroethylene	A	50.0	50.6	0.2563991	0.2425795	0.2	1.3	20
Trichlorofluoromethane	A	50.0	40.7	1.829268	1.48858	0.1	-18.6	20
Vinyl Chloride X	A	50.0	39.5	1.356017	1.071862	0.1	-21.0	20 *

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA#11	Calibration:	SD50043
Lab File ID:	V11C026369.D	Calibration Date:	04/25/25 00:41
Sequence:	S5E1222	Injection Date:	05/09/25
Lab Sample ID:	S5E1222-CCV1	Injection Time:	18:20

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	50.0	44.2	0.3226624	0.2850218		-11.7	20
1,1,1-Trichloroethane	A	50.0	48.7	2.466579	2.403647	0.1	-2.6	20
1,1,2,2-Tetrachloroethane	A	50.0	44.9	0.5889146	0.5284561	0.3	-10.3	20
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	52.1	1.319684	1.376258	0.1	4.3	20
1,1,2-Trichloroethane	A	50.0	47.1	0.231507	0.2181732	0.1	-5.8	20
1,1-Dichloroethane	A	50.0	50.2	2.2707	2.278941	0.2	0.4	20
1,1-Dichloroethylene	A	50.0	50.0	1.869408	1.867508	0.1	-0.1	20
1,2,3-Trichlorobenzene	A	50.0	41.8	0.7108054	0.5942509		-16.4	20
1,2,3-Trichloropropane	A	50.0	44.2	0.2005289	0.177348		-11.6	20
1,2,4-Trichlorobenzene	A	50.0	41.3	0.7671872	0.6332388	0.2	-17.5	20
1,2,4-Trimethylbenzene	A	50.0	43.3	2.61945	2.266593		-13.5	20
1,2-Dibromo-3-chloropropane	A	50.0	44.9	9.225911E-02	9.150223E-02	0.05	-10.2	20
1,2-Dibromoethane	A	50.0	46.9	0.2376623	0.2227527	0.1	-6.3	20
1,2-Dichlorobenzene	A	50.0	43.3	1.312788	1.13729	0.4	-13.4	20
1,2-Dichloroethane	A	50.0	52.8	1.631592	1.722497	0.1	5.6	20
1,2-Dichloropropane	A	50.0	45.4	0.2608485	0.2367996	0.1	-9.2	20
1,3,5-Trimethylbenzene	A	50.0	43.1	2.708475	2.335079		-13.8	20
1,3-Dichlorobenzene	A	50.0	42.4	1.497395	1.271295	0.6	-15.1	20
1,4-Dichlorobenzene	A	50.0	43.0	1.423919	1.225088	0.5	-14.0	20
1,4-Dioxane	A	1000	898	2.164195E-03	1.94109E-03		-10.2	20
2-Butanone	A	50.0	55.2	0.1471925	0.1611783	0.1	10.3	20
2-Hexanone	A	50.0	49.3	0.1353283	0.1335162	0.1	-1.3	20
4-Methyl-2-pentanone	A	50.0	46.8	0.1816824	0.1701857	0.1	-6.3	20
Acetone	A	50.0	57.6	0.3511221	0.4045239	0.1	15.2	20
Acrolein	A	50.0	51.4	0.1237098	0.1267052		2.8	20
Acrylonitrile	A	50.0	53.8	0.3018801	0.320007		7.5	20
Benzene	A	50.0	50.4	5.530195	5.572015	0.5	0.8	20
Bromochloromethane	A	50.0	52.4	0.857169	0.8983693		4.8	20
Bromodichloromethane	A	50.0	46.0	0.3922648	0.3607477	0.2	-8.0	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA#11	Calibration:	SD50043
Lab File ID:	V11C026369.D	Calibration Date:	04/25/25 00:41
Sequence:	S5E1222	Injection Date:	05/09/25
Lab Sample ID:	S5E1222-CCV1	Injection Time:	18:20

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	46.0	0.1612179	0.1482403	0.1	-8.0	20	
Bromomethane	A	50.0	52.1	1.384031	1.442574	0.1	4.2	20	
Carbon disulfide	A	50.0	51.3	3.835367	3.934035	0.1	2.6	20	
Carbon tetrachloride	A	50.0	47.5	2.34821	2.23037	0.1	-5.0	20	
Chlorobenzene	A	50.0	44.2	0.8974656	0.7936276	0.5	-11.6	20	
Chloroethane	A	50.0	56.0	0.9993638	1.118534	0.1	11.9	20	
Chloroform	A	50.0	51.1	2.452548	2.50612	0.2	2.2	20	
Chloromethane	A	50.0	61.5	0.9315962	1.146519	0.1	23.1	20	*
cis-1,2-Dichloroethylene	A	50.0	50.2	2.054139	2.061792	0.1	0.4	20	
cis-1,3-Dichloropropylene	A	50.0	45.7	0.4558985	0.4169354	0.2	-8.5	20	
Cyclohexane	A	50.0	52.0	1.998024	2.077223	0.1	4.0	20	
Dibromochloromethane	A	50.0	45.8	0.2890988	0.2647325	0.1	-8.4	20	
Dibromomethane	A	50.0	47.3	0.1631434	0.1543954		-5.4	20	
Dichlorodifluoromethane	A	50.0	72.3	0.6971849	1.008627	0.1	44.7	20	*
Ethyl Benzene	A	50.0	44.1	1.578042	1.392026	0.1	-11.8	20	
Hexachlorobutadiene	A	50.0	37.0	0.4805847	0.3551733		-26.1	20	*
Isopropylbenzene	A	50.0	41.6	3.490899	2.904129	0.1	-16.8	20	
Methyl acetate	A	50.0	41.5	0.7224936	0.5990531	0.1	-17.1	20	
Methyl tert-butyl ether (MTBE)	A	50.0	51.1	3.167855	3.236507	0.1	2.2	20	
Methylcyclohexane	A	50.0	44.3	0.5921026	0.5241882	0.1	-11.5	20	
Methylene chloride	A	50.0	77.2	1.45895	2.254182	0.1	54.5	20	*
n-Butylbenzene	A	50.0	43.7	3.349821	2.924802		-12.7	20	
n-Propylbenzene	A	50.0	43.0	3.975323	3.41521		-14.1	20	
o-Xylene	A	50.0	44.7	1.166146	1.043556	0.3	-10.5	20	
p- & m- Xylenes	A	100	89.0	1.21939	1.084778	0.1	-11.0	20	
p-Isopropyltoluene	A	50.0	41.5	3.313682	2.751606		-17.0	20	
sec-Butylbenzene	A	50.0	41.8	3.74823	3.131402		-16.5	20	
Styrene	A	50.0	45.5	0.9414802	0.8573047	0.3	-8.9	20	
tert-Butyl alcohol (TBA)	A	300	259	8.316315E-02	8.714712E-02		4.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA#11	Calibration:	SD50043
Lab File ID:	V11C026369.D	Calibration Date:	04/25/25 00:41
Sequence:	S5E1222	Injection Date:	05/09/25
Lab Sample ID:	S5E1222-CCV1	Injection Time:	18:20

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	41.5	2.588598	2.148111		-17.0	20	
Tetrachloroethylene	A	50.0	48.2	0.4466681	0.4302247	0.2	-3.7	20	
Toluene	A	50.0	43.5	1.439662	1.251477	0.4	-13.1	20	
trans-1,2-Dichloroethylene	A	50.0	50.5	1.800077	1.816833	0.1	0.9	20	
trans-1,3-Dichloropropylene	A	50.0	46.8	0.4076538	0.3818282	0.1	-6.3	20	
Trichloroethylene	A	50.0	43.9	0.3458948	0.303561	0.2	-12.2	20	
Trichlorofluoromethane	A	50.0	51.4	3.116094	3.20014	0.1	2.7	20	
Vinyl Chloride	A	50.0	60.8	1.312077	1.596879	0.1	21.7	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	QVOA9	Calibration:	SE50005
Lab File ID:	QV935667.D	Calibration Date:	05/05/25 19:38
Sequence:	S5E1507	Injection Date:	05/13/25
Lab Sample ID:	S5E1507-CCV1	Injection Time:	16:39

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	10.1	0.201591	0.2029236		0.7	20	
1,1,1-Trichloroethane	A	10.0	10.0	0.2726656	0.2732316	0.1	0.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.7	0.38353	0.4113686	0.3	7.3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.33	0.1758374	0.1639759	0.1	-6.7	20	
1,1,2-Trichloroethane	A	10.0	10.4	0.118043	0.1221183	0.1	3.5	20	
1,1-Dichloroethane	A	10.0	10.4	0.281138	0.2929476	0.2	4.2	20	
1,1-Dichloroethylene	A	10.0	10.1	0.2006172	0.2030225	0.1	1.2	20	
1,1-Dichloropropylene	A	10.0	10.0	0.2253507	0.2263299		0.4	20	
1,2,3-Trichlorobenzene	A	10.0	7.44	0.3204009	0.2383926		-25.6	20	*
1,2,3-Trichloropropane	A	10.0	10.2	0.1271674	0.1298417		2.1	20	
1,2,4,5-Tetramethylbenzene	A	10.0	8.99	2.557416	2.299964		-10.1	20	
1,2,4-Trichlorobenzene	A	10.0	7.71	0.4920398	0.3794039	0.2	-22.9	20	*
1,2,4-Trimethylbenzene	A	10.0	9.60	3.755549	3.603773		-4.0	20	
1,2-Dibromo-3-chloropropane	A	10.0	10.1	5.185736E-02	0.0525309	0.05	1.3	20	
1,2-Dibromoethane	A	10.0	10.4	0.1005892	0.1046086	0.1	4.0	20	
1,2-Dichlorobenzene	A	10.0	9.48	1.42959	1.355307	0.4	-5.2	20	
1,2-Dichloroethane	A	10.0	11.1	0.1219907	0.1348993	0.1	10.6	20	
1,2-Dichloropropane	A	10.0	9.93	0.2011258	0.1997986	0.1	-0.7	20	
1,3,5-Trimethylbenzene	A	10.0	9.32	4.050032	3.77613		-6.8	20	
1,3-Dichlorobenzene	A	10.0	9.28	1.861821	1.727831	0.6	-7.2	20	
1,3-Dichloropropane	A	10.0	10.4	0.1990487	0.2071864		4.1	20	
1,4-Dichlorobenzene	A	10.0	9.31	1.768536	1.647203	0.5	-6.9	20	
1,4-Dioxane	A	200	0.00					20	
2,2-Dichloropropane	A	10.0	9.43	0.2396799	0.2260904		-5.7	20	
2-Butanone	A	10.0	12.6	1.315142E-02	1.657053E-02	0.1	26.0	20	*
2-Chlorotoluene	A	10.0	9.18	1.174	1.078038		-8.2	20	
2-Hexanone	A	10.0	11.4	2.594569E-02	2.955209E-02	0.1	13.9	20	
4-Chlorotoluene	A	10.0	9.30	1.144334	1.064787		-7.0	20	
4-Methyl-2-pentanone	A	10.0	11.9	3.988739E-02	4.746365E-02	0.1	19.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	QVOA9	Calibration:	SE50005
Lab File ID:	QV935667.D	Calibration Date:	05/05/25 19:38
Sequence:	S5E1507	Injection Date:	05/13/25
Lab Sample ID:	S5E1507-CCV1	Injection Time:	16:39

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	10.0	9.16	0.0148985	1.129834E-02	0.1	-8.4	20	
Acrolein	A	10.0	9.32	5.567854E-03	5.187558E-03		-6.8	20	
Acrylonitrile	A	10.0	12.2	1.238428E-02	1.513588E-02		22.2	20	*
Benzene	A	10.0	10.3	0.7131856	0.7356254	0.5	3.1	20	
Bromobenzene	A	10.0	9.66	1.474907	1.424264		-3.4	20	
Bromochloromethane	A	10.0	11.5	7.130628E-02	0.081828		14.8	20	
Bromodichloromethane	A	10.0	9.96	0.2300191	0.2291346	0.2	-0.4	20	
Bromoform	A	10.0	8.61	5.000508E-02	4.868615E-02	0.1	-13.9	20	
Bromomethane	A	10.0	10.6	5.104234E-02	5.758658E-02	0.1	6.1	20	
Carbon disulfide	A	10.0	9.70	0.3687983	0.3575832	0.1	-3.0	20	
Carbon tetrachloride	A	10.0	10.1	0.2370248	0.2403853	0.1	1.4	20	
Chlorobenzene	A	10.0	9.52	0.6879178	0.6550593	0.5	-4.8	20	
Chloroethane	A	10.0	10.4	8.007131E-02	8.318281E-02	0.1	3.9	20	
Chloroform	A	10.0	10.2	0.2946003	0.2995056	0.2	1.7	20	
Chloromethane	A	10.0	9.51	9.172879E-02	8.722145E-02	0.1	-4.9	20	
cis-1,2-Dichloroethylene	A	10.0	10.4	0.2288359	0.2385701	0.1	4.3	20	
cis-1,3-Dichloropropylene	A	10.0	10.1	0.2744965	0.2770964	0.2	0.9	20	
Cyclohexane	A	10.0	10.3	0.5640902	0.582446	0.1	3.3	20	
Dibromochloromethane	A	10.0	10.1	0.1266619	0.1276588	0.1	0.8	20	
Dibromomethane	A	10.0	10.2	7.696482E-02	7.846673E-02		2.0	20	
Dichlorodifluoromethane	A	10.0	7.19	0.1445148	0.103927	0.1	-28.1	20	*
Diisopropyl ether (DIPE)	A	10.0	11.5	0.32679	0.3761346		15.1	20	
Ethyl Benzene	A	10.0	9.93	1.837273	1.825164	0.1	-0.7	20	
Ethyl tert-butyl ether (ETBE)	A	10.0	11.6	0.2977981	0.3460891		16.2	20	
Hexachlorobutadiene	A	10.0	7.41	0.2022027	0.1498772		-25.9	20	*
Iodomethane	A	10.0	10.0	0.113234	0.1415828		0.2	20	
Isopropylbenzene	A	10.0	9.26	5.084377	4.705927	0.1	-7.4	20	
Methyl acetate	A	10.0	12.0	3.747937E-02	4.515853E-02	0.1	20.5	20	*
Methyl Methacrylate	A	10.0	10.8	2.517445E-02	2.714751E-02		7.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	QVOA9	Calibration:	SE50005
Lab File ID:	QV935667.D	Calibration Date:	05/05/25 19:38
Sequence:	S5E1507	Injection Date:	05/13/25
Lab Sample ID:	S5E1507-CCV1	Injection Time:	16:39

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl tert-butyl ether (MTBE)	A	10.0	11.4	0.2373003	0.2710706	0.1	14.2	20	
Methylcyclohexane	A	10.0	9.02	0.4907376	0.4425547	0.1	-9.8	20	
Methylene chloride	A	10.0	10.8	0.1314	0.1422064	0.1	8.2	20	
Naphthalene	A	10.0	8.30	0.8052536	0.6685034		-17.0	20	
n-Butylbenzene	A	10.0	9.44	3.677275	3.470052		-5.6	20	
n-Propylbenzene	A	10.0	9.52	5.597052	5.330578		-4.8	20	
o-Xylene	A	10.0	10.0	0.9034278	0.9044572	0.3	0.1	20	
p- & m- Xylenes	A	20.0	19.9	0.9186363	0.9125822	0.1	-0.7	20	
p-Diethylbenzene	A	10.0	9.39	2.020765	1.897973		-6.1	20	
p-Ethyltoluene	A	10.0	9.32	4.050032	3.77613		-6.8	20	
p-Isopropyltoluene	A	10.0	9.38	4.024686	3.776308		-6.2	20	
sec-Butylbenzene	A	10.0	9.35	4.757777	4.446428		-6.5	20	
Styrene	A	10.0	10.4	0.6107431	0.6341012	0.3	3.8	20	
tert-Amyl alcohol (TAA)	A	100	154	1.697752E-03	2.614248E-03		54.0	20	*
tert-Amyl methyl ether (TAME)	A	10.0	11.7	0.2568347	0.3005734		17.0	20	
tert-Butyl alcohol (TBA)	A	10.0	13.3	2.932622E-03	3.897572E-03		32.9	20	*
tert-Butylbenzene	A	10.0	9.30	3.912407	3.639948		-7.0	20	
Tetrachloroethylene	A	10.0	8.53	0.3161655	0.2697529	0.2	-14.7	20	
Tetrahydrofuran	A	10.0	12.0	8.501422E-03	1.016322E-02		19.5	20	
Toluene	A	10.0	9.07	1.159886	1.052086	0.4	-9.3	20	
trans-1,2-Dichloroethylene	A	10.0	10.2	0.2039742	0.2084466	0.1	2.2	20	
trans-1,3-Dichloropropylene	A	10.0	10.4	0.1842564	0.1925506	0.1	4.5	20	
trans-1,4-dichloro-2-butene	A	10.0	9.73	4.438484E-02	5.146318E-02		-2.7	20	
Trichloroethylene	A	10.0	9.09	0.2616287	0.2377814	0.2	-9.1	20	
Trichlorofluoromethane	A	10.0	10.6	0.2191213	0.2333699	0.1	6.5	20	
Vinyl acetate	A	10.0	11.9	7.632092E-02	9.065801E-02		18.8	20	
Vinyl Chloride	A	10.0	9.93	0.1357382	0.1348165	0.1	-0.7	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles Data
for York Analytical Laboratories, Inc., SDG: 25E0288

19 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 6, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Sample FB-3 was extracted beyond USEPA SW-846 holding times. Positive and "not detected" results should be considered estimated (J, UJ respectively) in sample FB-3.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRF for hexachlorobenzene was below the method minimum, but not below 0.010 for BNA#6 on 04-04-25. The average RRF for hexachlorobenzene was below the method minimum, but not below 0.010 for BNA#10 on 04-23-25. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRF for target compounds were above the allowable minimum (0.010), as required.

The %RSDs for 1,2,4,5-tetrachlorobenzene, acetophenone, atrazine, benzaldehyde, and caprolactam were above the allowable maximum (30%) forBNA#6 on 04-04-25. The %RSDs for 4-nitrophenol and benzoic acid were above the allowable maximum (30%) for BNA#10 on 04-23-25. The %RSD for benzidine was above the allowable maximum (30%) for MSBNA9 on 04-30-25. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 05-14-25 (SV66890.D). The %Ds for 9 compounds (marked with a red X on attached FORMVII) were above the method maximum on 05-14-25 (SV66890.D). The %Ds for 4,6-dinitro-2-methylphenol and di-n-octyl phthalate were above the method maximum on 05-14-25 (E900327021.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010. The %Ds for 17 compounds (marked with a red X on attached FORMVII) were above the method maximum on 05-15-25 (SV1006559.D). This calibration was not method compliant because greater than 20% were above the method

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

maximum. Samples associated with this calibration should have been reanalyzed with a method compliant calibration.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 13 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 05-14-25 (SV66890.D). The %Ds for 19 compounds (highlighted yellow on attached FORM VII) and benzoic acid were above the allowable maximum (20%) on 05-15-25 (SV1006559.D). The %Ds for 4,6-dinitro-2-methylphenol and di-n-octyl phthalate were above the allowable maximum (20%) on 05-14-25 (E900327021.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank BE50975-BLK1 contained traces of 8 compounds (highlighted yellow on attached FORM I). Positive results for dimethylphthalate that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples. Positive results for all other compounds that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: One of three acid extractable surrogate recoveries for samples 25SB-3 (11-13) was below control limits, but not below 10%. One of three base/neutral and 1 of 3 acid extractable surrogate recoveries for sample 25SB-8 (12.5-14.5) were above control limits. No action is taken on one surrogate recovery per fraction outside control limits, provided no recovery is less than 10%.

Three of three base/neutral surrogate recoveries and 3 of 3 acid extractable for samples 25SB-14 (0-2) and 25SB-3 (4-6) were below control limits, but not below 10%. Positive results for target compounds should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in samples.

Two of three base/neutral surrogate recoveries for sample FB-3 were below control limits, but not below 10%. Positive results for base/neutral compounds should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in sample.

One of three base/neutral for re-analyzed sample 25SB-3 (0-2)RE was below control limits and below 10%. Positive results for base/neutral compounds should be considered estimated, biased low (J-) in reanalyzed sample25SB-3 (0-2)RE.

Three of three acid extractable for sample 25SB-11 (0-1.5)* were below control limits and one below 10%. Positive results for acid extractable compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences (RPDs) for target compounds were below the allowable maximum, but 2 of 2 percent recoveries (%Rs) for 2,4-dintrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocylopentadiene were below QC limits and below 10% for soil MS/MSD sample 25SB-1 (0-2). The "not detected" results for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocylopentadiene should be considered rejected, unusable (R) in sample 25SB-1 (0-2).

The RPDs for 30 compounds (highlighted yellow on attached form) were above the allowable maximum and 2 of 2 %Rs for 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol, and 1 of 2 %Rs for benzoic acid, hexachlorocylopentadiene, n-nitrosodimethylamine, and pyridine were below QC limits and below 10% for soil MS/MSD sample 25SB-8 (0-2). The positive results for bis(2-ethylhexyl)phthalate and fluoranthene should be considered estimated (J) and "not detected" results for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, benzoic acid, hexachlorocylopentadiene, n-nitrosodimethylamine, and pyridine rejected, unusable (R) in sample 25SB-8 (0-2).

Laboratory Control Sample: The percent recoveries (%Rs) for target compounds were within QC limits for soil sample BE50975-BS1.

The relative percent difference for 2-metthylnaphthalene was above the allowable maximum for aqueous samples BE51032-BS1/BSD1. The positive results for 2-metthylnaphthalene should be considered estimated (J) in associated aqueous samples.

Two of two %Rs for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, phenol, and hexachlorocyclopentadiene, and 1 of 2 %Rs for pyridine were below QC limits and below 30% for aqueous samples BE51032-BS1/BSD1. The positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

The %R for 4-nitroaniline was below QC limits and below 10% for soil sample BE50953-BS1. The positive results for 4-nitroaniline should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated soil samples.

Field Duplicates: The relative percent differences for anthracene, benzo(a)anthracene, chrysene, and phenanthrene were above the allowable maximum (35%) for soil field duplicate pair 25SB-7 (0-2)/25SB-DUP-3 (0-2) (attached table). Positive results for these 4 compounds should be considered estimated (J) in samples 25SB-7 (0-2) and 25SB-DUP-3 (0-2).

Compound ID: Checked compound and surrogate results were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

* This data was not on the surrogate FORM II.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E1526
Instrument: BNA#6
Calibration: SD50011

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5E1526-CCV1)			Lab File ID: SV66890.D		Analyzed: 05/14/25 16:44			
SURR: 2-Fluorophenol	30.0	119	0 - 200	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	30.0	100	0 - 200	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	30.0	98.6	0 - 200	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	107	0 - 200	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	150	0 - 200	8.22	8.173333	0.0467	+/-1.00	
SURR: Terphenyl-d14	30.0	114	0 - 200	12.44	12.38167	0.0583	+/-1.00	
25SB-1 (11-13) (25E0288-06)			Lab File ID: SV66891.D		Analyzed: 05/14/25 17:32			
SURR: 2-Fluorophenol	1.68	30.8	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.68	23.7	23 - 114	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	0.839	32.6	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.839	31.5	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.68	39.4	19 - 110	8.23	8.173333	0.0567	+/-1.00	
SURR: Terphenyl-d14	0.839	32.3	24 - 116	12.44	12.38167	0.0583	+/-1.00	
25SB-14 (0-2) (25E0288-07)			Lab File ID: SV66892.D		Analyzed: 05/14/25 18:04			
SURR: 2-Fluorophenol	1.71	13.1	20 - 108	3.89	3.853333	0.0367	+/-1.00	*
SURR: Phenol-d6	1.71	10.4	23 - 114	4.58	4.54	0.0400	+/-1.00	*
SURR: Nitrobenzene-d5	0.854	15.8	22 - 108	5.24	5.22	0.0200	+/-1.00	*
SURR: 2-Fluorobiphenyl	0.854	14.9	21 - 113	6.6	6.58	0.0200	+/-1.00	*
SURR: 2,4,6-Tribromophenol	1.71	13.0	19 - 110	8.22	8.173333	0.0467	+/-1.00	*
SURR: Terphenyl-d14	0.854	19.9	24 - 116	12.44	12.38167	0.0583	+/-1.00	*
25SB-14 (4-6) (25E0288-08)			Lab File ID: SV66893.D		Analyzed: 05/14/25 18:35			
SURR: 2-Fluorophenol	1.85	43.9	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.85	33.0	23 - 114	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	0.927	40.6	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.927	39.8	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.85	52.8	19 - 110	8.23	8.173333	0.0567	+/-1.00	
SURR: Terphenyl-d14	0.927	45.0	24 - 116	12.44	12.38167	0.0583	+/-1.00	
25SB-14 (10-12) (25E0288-09)			Lab File ID: SV66894.D		Analyzed: 05/14/25 19:06			
SURR: 2-Fluorophenol	1.93	45.4	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.93	33.4	23 - 114	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	0.967	40.5	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.967	36.9	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.93	55.0	19 - 110	8.23	8.173333	0.0567	+/-1.00	
SURR: Terphenyl-d14	0.967	41.8	24 - 116	12.44	12.38167	0.0583	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1526 Instrument: BNA#6

Calibration: SD50011

Surrogate Compound	Spike Level mg/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-7 (0-2) (25E0288-12)			Lab File ID: SV66896.D		Analyzed: 05/14/25 20:09			
SURR: 2-Fluorophenol	1.77	49.4	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.77	36.9	23 - 114	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	0.886	45.3	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.886	45.0	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.77	59.4	19 - 110	8.22	8.173333	0.0467	+/-1.00	
SURR: Terphenyl-d14	0.886	54.5	24 - 116	12.43	12.38167	0.0483	+/-1.00	
25SB-7 (3-5) (25E0288-13)			Lab File ID: SV66897.D		Analyzed: 05/14/25 20:40			
SURR: 2-Fluorophenol	1.78	46.2	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.78	36.8	23 - 114	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	0.892	43.6	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.892	43.2	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.78	56.6	19 - 110	8.23	8.173333	0.0567	+/-1.00	
SURR: Terphenyl-d14	0.892	55.7	24 - 116	12.43	12.38167	0.0483	+/-1.00	
25SB-7 (6-8) (25E0288-14)			Lab File ID: SV66898.D		Analyzed: 05/14/25 21:11			
SURR: 2-Fluorophenol	1.84	52.3	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.84	40.4	23 - 114	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	0.918	49.0	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.918	49.4	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.84	65.8	19 - 110	8.22	8.173333	0.0467	+/-1.00	
SURR: Terphenyl-d14	0.918	63.4	24 - 116	12.43	12.38167	0.0483	+/-1.00	
25SB-3 (0-2) (25E0288-15)			Lab File ID: SV66899.D		Analyzed: 05/14/25 21:42			
SURR: 2-Fluorophenol	1.73	45.4	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.73	36.8	23 - 114	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	0.865	44.3	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.865	44.2	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.73	57.1	19 - 110	8.22	8.173333	0.0467	+/-1.00	
SURR: Terphenyl-d14	0.865	51.9	24 - 116	12.44	12.38167	0.0583	+/-1.00	
25SB-3 (11-13) (25E0288-17)			Lab File ID: SV66901.D		Analyzed: 05/14/25 22:44			
SURR: 2-Fluorophenol	1.86	25.1	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.86	18.0	23 - 114	4.58	4.54	0.0400	+/-1.00	*
SURR: Nitrobenzene-d5	0.930	24.9	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.930	22.5	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.86	30.2	19 - 110	8.23	8.173333	0.0567	+/-1.00	
SURR: Terphenyl-d14	0.930	24.8	24 - 116	12.43	12.38167	0.0483	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1526 Instrument: BNA#6

Calibration: SD50011

Surrogate Compound	Spike Level mg/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-8 (0-2) (25E0288-18)			Lab File ID: SV66902.D		Analyzed: 05/14/25 23:15			
SURR: 2-Fluorophenol	1.71	46.2	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.71	37.6	23 - 114	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	0.854	42.2	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.854	41.6	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.71	58.6	19 - 110	8.22	8.173333	0.0467	+/-1.00	
SURR: Terphenyl-d14	0.854	56.6	24 - 116	12.43	12.38167	0.0483	+/-1.00	
25SB-8 (3-5) (25E0288-19)			Lab File ID: SV66903.D		Analyzed: 05/14/25 23:47			
SURR: 2-Fluorophenol	1.68	41.4	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.68	31.9	23 - 114	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	0.841	39.4	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.841	39.3	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.68	53.1	19 - 110	8.22	8.173333	0.0467	+/-1.00	
SURR: Terphenyl-d14	0.841	44.7	24 - 116	12.43	12.38167	0.0483	+/-1.00	
25SB-8 (12.5-14.5) (25E0288-20)			Lab File ID: SV66904.D		Analyzed: 05/15/25 00:18			
SURR: 2-Fluorophenol	1.72	92.0	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.72	73.8	23 - 114	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	0.859	94.0	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.859	93.4	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.72	125	19 - 110	8.22	8.173333	0.0467	+/-1.00	*
SURR: Terphenyl-d14	0.859	129	24 - 116	12.43	12.38167	0.0483	+/-1.00	*
25SB-DUP-3 (0-2) (25E0288-21)			Lab File ID: SV66905.D		Analyzed: 05/15/25 00:50			
SURR: 2-Fluorophenol	1.75	44.6	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.75	35.2	23 - 114	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	0.875	45.2	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.875	42.8	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.75	58.8	19 - 110	8.22	8.173333	0.0467	+/-1.00	
SURR: Terphenyl-d14	0.875	55.9	24 - 116	12.43	12.38167	0.0483	+/-1.00	
25SB-15 (0-2) (25E0288-01)			Lab File ID: SV66906.D		Analyzed: 05/15/25 01:21			
SURR: 2-Fluorophenol	1.68	57.4	20 - 108	3.89	3.853333	0.0367	+/-1.00	
SURR: Phenol-d6	1.68	46.9	23 - 114	4.58	4.54	0.0400	+/-1.00	
SURR: Nitrobenzene-d5	0.841	49.4	22 - 108	5.24	5.22	0.0200	+/-1.00	
SURR: 2-Fluorobiphenyl	0.841	49.1	21 - 113	6.6	6.58	0.0200	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.68	71.0	19 - 110	8.22	8.173333	0.0467	+/-1.00	
SURR: Terphenyl-d14	0.841	67.2	24 - 116	12.43	12.38167	0.0483	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E1533
Instrument: BNA#2
Calibration: SC50018

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5E1533-CCV1)			Lab File ID: E20025245.D		Analyzed: 05/15/25 08:56			
SURR: 2-Fluorophenol	30.0	85.6	0 - 200	4.739	4.672833	0.0662	+/-1.00	
SURR: Phenol-d6	30.0	82.6	0 - 200	5.412	5.327	0.0850	+/-1.00	
SURR: Nitrobenzene-d5	30.0	74.2	0 - 200	6.001	5.991	0.0100	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	94.4	0 - 200	7.457	7.453	0.0040	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	80.1	0 - 200	9.36	9.309666	0.0503	+/-1.00	
SURR: Terphenyl-d14	30.0	96.7	0 - 200	13.678	13.6275	0.0505	+/-1.00	
25SB-3 (0-2) (25E0288-15RE1)			Lab File ID: E20025264.D		Analyzed: 05/15/25 18:46			
SURR: 2-Fluorophenol	1.73	NA	20 - 108	4.739	4.672833	0.0662	+/-1.00	
SURR: Phenol-d6	1.73	NA	23 - 114	5.436	5.327	0.1090	+/-1.00	*
SURR: Nitrobenzene-d5	0.865	0.800	22 - 108	5.987	5.991	-0.0040	+/-1.00	*
SURR: 2-Fluorobiphenyl	0.865	46.4	21 - 113	7.467	7.453	0.0140	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.73	NA	19 - 110	9.374	9.309666	0.0643	+/-1.00	*
SURR: Terphenyl-d14	0.865	60.0	24 - 116	13.664	13.6275	0.0365	+/-1.00	

NA - Sample was not analyzed for acid extractable compounds.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E1608
Instrument: BNA #10
Calibration: SD50040

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5E1608-CCV1)				Lab File ID: SV1006559.D		Analyzed: 05/15/25 09:53		
SURR: 2-Fluorophenol	30.0	108	0 - 200	4.189	4.18375	0.0053	+/-1.00	
SURR: Phenol-d6	30.0	96.4	0 - 200	4.962	4.9455	0.0165	+/-1.00	
SURR: Nitrobenzene-d5	30.0	70.8	0 - 200	5.711	5.701125	0.0099	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	108	0 - 200	7.325	7.309875	0.0151	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	121	0 - 200	9.264	9.224125	0.0399	+/-1.00	
SURR: Terphenyl-d14	30.0	98.5	0 - 200	12.761	12.70525	0.0557	+/-1.00	
25SB-3 (4-6) (25E0288-16)				Lab File ID: SV1006569.D		Analyzed: 05/15/25 15:54		
SURR: 2-Fluorophenol	1.77	14.4	20 - 108	4.195	4.18375	0.0113	+/-1.00	*
SURR: Phenol-d6	1.77	11.8	23 - 114	4.967	4.9455	0.0215	+/-1.00	*
SURR: Nitrobenzene-d5	0.885	10.6	22 - 108	5.705	5.701125	0.0039	+/-1.00	*
SURR: 2-Fluorobiphenyl	0.885	15.8	21 - 113	7.319	7.309875	0.0091	+/-1.00	*
SURR: 2,4,6-Tribromophenol	1.77	17.9	19 - 110	9.264	9.224125	0.0399	+/-1.00	*
SURR: Terphenyl-d14	0.885	15.3	24 - 116	12.749	12.70525	0.0438	+/-1.00	*
Matrix Spike (BE50953-MS1)				Lab File ID: SV1006575.D		Analyzed: 05/15/25 19:18		
SURR: 2-Fluorophenol	1.72	58.6	20 - 108	4.218	4.18375	0.0343	+/-1.00	
SURR: Phenol-d6	1.72	50.6	23 - 114	4.979	4.9455	0.0335	+/-1.00	
SURR: Nitrobenzene-d5	0.862	42.0	22 - 108	5.717	5.701125	0.0159	+/-1.00	
SURR: 2-Fluorobiphenyl	0.862	67.7	21 - 113	7.33	7.309875	0.0201	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.72	90.0	19 - 110	9.282	9.224125	0.0579	+/-1.00	
SURR: Terphenyl-d14	0.862	54.3	24 - 116	12.772	12.70525	0.0668	+/-1.00	
Matrix Spike Dup (BE50953-MSD1)				Lab File ID: SV1006576.D		Analyzed: 05/15/25 19:47		
SURR: 2-Fluorophenol	1.72	55.6	20 - 108	4.212	4.18375	0.0282	+/-1.00	
SURR: Phenol-d6	1.72	47.6	23 - 114	4.979	4.9455	0.0335	+/-1.00	
SURR: Nitrobenzene-d5	0.862	40.0	22 - 108	5.717	5.701125	0.0159	+/-1.00	
SURR: 2-Fluorobiphenyl	0.862	59.1	21 - 113	7.33	7.309875	0.0201	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.72	88.1	19 - 110	9.282	9.224125	0.0579	+/-1.00	
SURR: Terphenyl-d14	0.862	50.4	24 - 116	12.766	12.70525	0.0608	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50953	Laboratory ID:	BE50953-MS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
1,1-Biphenyl	0.862	ND	0.587	68.2	10 - 130
1,2,4,5-Tetrachlorobenzene	0.862	ND	0.512	59.4	10 - 133
1,2,4-Trichlorobenzene	0.862	ND	0.483	56.1	10 - 127
1,2-Dichlorobenzene	0.862	ND	0.516	59.9	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	0.862	ND	0.531	61.6	10 - 144
1,3-Dichlorobenzene	0.862	ND	0.505	58.6	11 - 111
1,4-Dichlorobenzene	0.862	ND	0.512	59.4	10 - 106
2,3,4,6-Tetrachlorophenol	0.862	ND	0.452	52.4	30 - 130
2,4,5-Trichlorophenol	0.862	ND	0.489	56.8	10 - 127
2,4,6-Trichlorophenol	0.862	ND	0.538	62.4	10 - 132
2,4-Dichlorophenol	0.862	ND	0.503	58.3	10 - 128
2,4-Dimethylphenol	0.862	ND	0.589	68.3	10 - 137
2,4-Dinitrophenol	0.862	ND	ND	0 *	10 - 171
2,4-Dinitrotoluene	0.862	ND	0.379	44.0	16 - 135
2,6-Dinitrotoluene	0.862	ND	0.463	53.7	18 - 131
2-Chloronaphthalene	0.862	ND	0.595	69.0	10 - 129
2-Chlorophenol	0.862	ND	0.562	65.2	15 - 116
2-Methylnaphthalene	0.862	ND	0.438	50.8	10 - 147
2-Methylphenol	0.862	ND	0.508	59.0	10 - 136
2-Nitroaniline	0.862	ND	0.623	72.3	10 - 137
2-Nitrophenol	0.862	ND	0.288	33.4	10 - 129
3- & 4-Methylphenols	0.862	ND	0.456	52.9	10 - 123
3,3-Dichlorobenzidine	0.862	ND	0.330	38.3	10 - 155
3-Nitroaniline	0.862	ND	0.616	71.5	12 - 133
4,6-Dinitro-2-methylphenol	0.862	ND	ND	0 *	10 - 155
4-Bromophenyl phenyl ether	0.862	ND	0.634	73.5	14 - 128
4-Chloro-3-methylphenol	0.862	ND	0.447	51.9	10 - 134
4-Chloroaniline	0.862	ND	0.485	56.2	10 - 145
4-Chlorophenyl phenyl ether	0.862	ND	0.452	52.5	14 - 130
4-Nitroaniline	0.862	ND	0.604	70.1	10 - 147
4-Nitrophenol	0.862	ND	0.288	33.4	10 - 137

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-1 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50953
Laboratory ID: BE50953-MS1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Acenaphthene	0.862	ND	0.494	57.3	10 - 146
Acenaphthylene	0.862	ND	0.603	70.0	10 - 134
Acetophenone	0.862	ND	0.493	57.2	10 - 116
Aniline	0.862	ND	0.428	49.7	10 - 123
Anthracene	0.862	ND	0.595	69.0	10 - 142
Atrazine	0.862	ND	0.529	61.4	19 - 115
Benzaldehyde	0.862	ND	0.480	55.7	10 - 125
Benzo(a)anthracene	0.862	0.0948	0.569	55.0	10 - 158
Benzo(a)pyrene	0.862	0.0996	0.791	80.2	10 - 180
Benzo(b)fluoranthene	0.862	0.129	0.747	71.7	10 - 200
Benzo(g,h,i)perylene	0.862	0.0639	0.768	81.7	10 - 138
Benzo(k)fluoranthene	0.862	0.0515	0.728	78.5	10 - 197
Benzoic acid	0.862	ND	0.172	20.0	10 - 166
Benzyl alcohol	0.862	ND	0.523	60.7	12 - 124
Benzyl butyl phthalate	0.862	ND	0.595	69.0	10 - 154
Bis(2-chloroethoxy)methane	0.862	ND	0.456	53.0	10 - 132
Bis(2-chloroethyl)ether	0.862	ND	0.456	53.0	10 - 119
Bis(2-chloroisopropyl)ether	0.862	ND	0.587	68.2	10 - 139
Bis(2-ethylhexyl)phthalate	0.862	ND	0.674	78.2	10 - 167
Caprolactam	0.862	ND	0.484	56.2	10 - 132
Carbazole	0.862	ND	0.598	69.4	10 - 167
Chrysene	0.862	0.0996	0.569	54.4	10 - 156
Dibenzo(a,h)anthracene	0.862	ND	0.719	83.4	10 - 137
Dibenzofuran	0.862	ND	0.523	60.7	10 - 147
Diethyl phthalate	0.862	ND	0.509	59.1	20 - 120
Dimethyl phthalate	0.862	ND	0.591	68.6	18 - 131
Di-n-butyl phthalate	0.862	ND	0.631	73.2	10 - 137
Di-n-octyl phthalate	0.862	ND	0.709	82.2	10 - 180
Fluoranthene	0.862	0.217	0.512	34.2	10 - 160
Fluorene	0.862	ND	0.486	56.4	10 - 157
Hexachlorobenzene	0.862	ND	0.565	65.6	10 - 137
Hexachlorobutadiene	0.862	ND	0.386	44.8	10 - 132

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50953	Laboratory ID:	BE50953-MS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Hexachlorocyclopentadiene	0.862	ND	ND	0 *	10 - 106
Hexachloroethane	0.862	ND	0.383	44.5	10 - 110
Indeno(1,2,3-cd)pyrene	0.862	0.0818	0.757	78.4	10 - 144
Isophorone	0.862	ND	0.401	46.5	10 - 132
Naphthalene	0.862	ND	0.547	63.4	10 - 141
Nitrobenzene	0.862	ND	0.334	38.7	10 - 131
N-Nitrosodimethylamine	0.862	ND	0.308	35.8	10 - 126
N-nitroso-di-n-propylamine	0.862	ND	0.362	42.0	10 - 125
N-Nitrosodiphenylamine	0.862	ND	0.805	93.4	10 - 177
Pentachlorophenol	0.862	ND	0.508	59.0	10 - 153
Phenanthrene	0.862	0.180	0.586	47.1	10 - 148
Phenol	0.862	ND	0.461	53.5	10 - 126
Pyrene	0.862	0.255	0.500	28.5	10 - 165
Pyridine	0.862	ND	0.259	30.0	10 - 83

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50953	Laboratory ID:	BE50953-MSD1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	0.862	0.536	62.2	9.21	30	10 - 130
1,2,4,5-Tetrachlorobenzene	0.862	0.446	51.8	13.7	30	10 - 133
1,2,4-Trichlorobenzene	0.862	0.463	53.7	4.37	30	10 - 127
1,2-Dichlorobenzene	0.862	0.496	57.5	4.09	30	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	0.862	0.427	49.5	21.7	30	10 - 144
1,3-Dichlorobenzene	0.862	0.480	55.8	4.90	30	11 - 111
1,4-Dichlorobenzene	0.862	0.487	56.5	5.11	30	10 - 106
2,3,4,6-Tetrachlorophenol	0.862	0.583	67.7	25.4	30	30 - 130
2,4,5-Trichlorophenol	0.862	0.470	54.6	4.02	30	10 - 127
2,4,6-Trichlorophenol	0.862	0.516	59.9	4.05	30	10 - 132
2,4-Dichlorophenol	0.862	0.505	58.6	0.547	30	10 - 128
2,4-Dimethylphenol	0.862	0.550	63.8	6.78	30	10 - 137
2,4-Dinitrophenol	0.862	ND	0 *		30	10 - 171
2,4-Dinitrotoluene	0.862	0.365	42.3	3.89	30	16 - 135
2,6-Dinitrotoluene	0.862	0.424	49.2	8.71	30	18 - 131
2-Chloronaphthalene	0.862	0.537	62.3	10.2	30	10 - 129
2-Chlorophenol	0.862	0.517	60.0	8.31	30	15 - 116
2-Methylnaphthalene	0.862	0.436	50.6	0.474	30	10 - 147
2-Methylphenol	0.862	0.492	57.0	3.31	30	10 - 136
2-Nitroaniline	0.862	0.569	66.1	9.02	30	10 - 137
2-Nitrophenol	0.862	0.274	31.8	5.15	30	10 - 129
3- & 4-Methylphenols	0.862	0.436	50.6	4.49	30	10 - 123
3,3-Dichlorobenzidine	0.862	0.389	45.2	16.5	30	10 - 155
3-Nitroaniline	0.862	0.616	71.4	0.112	30	12 - 133
4,6-Dinitro-2-methylphenol	0.862	ND	0 *		30	10 - 155
4-Bromophenyl phenyl ether	0.862	0.531	61.7	17.5	30	14 - 128
4-Chloro-3-methylphenol	0.862	0.475	55.1	5.98	30	10 - 134
4-Chloroaniline	0.862	0.511	59.3	5.26	30	10 - 145
4-Chlorophenyl phenyl ether	0.862	0.454	52.6	0.304	30	14 - 130
4-Nitroaniline	0.862	0.552	64.1	8.94	30	10 - 147
4-Nitrophenol	0.862	0.296	34.4	2.83	30	10 - 137
Acenaphthene	0.862	0.475	55.1	3.84	30	10 - 146

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-1 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50953
Laboratory ID: BE50953-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthylene	0.862	0.567	65.8	6.12	30	10 - 134
Acetophenone	0.862	0.453	52.6	8.45	30	10 - 116
Aniline	0.862	0.407	47.2	5.12	30	10 - 123
Anthracene	0.862	0.585	67.9	1.64	30	10 - 142
Atrazine	0.862	0.483	56.0	9.26	30	19 - 115
Benzaldehyde	0.862	0.472	54.7	1.74	30	10 - 125
Benzo(a)anthracene	0.862	0.575	55.7	1.08	30	10 - 158
Benzo(a)pyrene	0.862	0.754	76.0	4.73	30	10 - 180
Benzo(b)fluoranthene	0.862	0.709	67.3	5.21	30	10 - 200
Benzo(g,h,i)perylene	0.862	0.758	80.6	1.26	30	10 - 138
Benzo(k)fluoranthene	0.862	0.697	74.9	4.35	30	10 - 197
Benzoic acid	0.862	0.185	21.4	6.95	30	10 - 166
Benzyl alcohol	0.862	0.485	56.2	7.66	30	12 - 124
Benzyl butyl phthalate	0.862	0.563	65.4	5.48	30	10 - 154
Bis(2-chloroethoxy)methane	0.862	0.448	52.0	1.83	30	10 - 132
Bis(2-chloroethyl)ether	0.862	0.434	50.4	4.95	30	10 - 119
Bis(2-chloroisopropyl)ether	0.862	0.551	64.0	6.30	30	10 - 139
Bis(2-ethylhexyl)phthalate	0.862	0.618	71.8	8.54	30	10 - 167
Caprolactam	0.862	0.496	57.5	2.39	30	10 - 132
Carbazole	0.862	0.616	71.4	2.84	30	10 - 167
Chrysene	0.862	0.576	55.3	1.32	30	10 - 156
Dibenzo(a,h)anthracene	0.862	0.690	80.1	4.11	30	10 - 137
Dibenzofuran	0.862	0.523	60.7	0.00	30	10 - 147
Diethyl phthalate	0.862	0.507	58.8	0.543	30	20 - 120
Dimethyl phthalate	0.862	0.556	64.6	6.13	30	18 - 131
Di-n-butyl phthalate	0.862	0.591	68.6	6.43	30	10 - 137
Di-n-octyl phthalate	0.862	0.698	81.0	1.57	30	10 - 180
Fluoranthene	0.862	0.500	32.9	2.31	30	10 - 160
Fluorene	0.862	0.509	59.1	4.71	30	10 - 157
Hexachlorobenzene	0.862	0.484	56.2	15.5	30	10 - 137
Hexachlorobutadiene	0.862	0.370	43.0	4.19	30	10 - 132
Hexachlorocyclopentadiene	0.862	ND	0 *		30	10 - 106
Hexachloroethane	0.862	0.361	41.9	5.93	30	10 - 110

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50953	Laboratory ID:	BE50953-MSD1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Indeno(1,2,3-cd)pyrene	0.862	0.719	74.0	5.14	30	10 - 144
Isophorone	0.862	0.387	44.9	3.50	30	10 - 132
Naphthalene	0.862	0.531	61.6	2.94	30	10 - 141
Nitrobenzene	0.862	0.324	37.6	2.94	30	10 - 131
N-Nitrosodimethylamine	0.862	0.314	36.4	1.77	30	10 - 126
N-nitroso-di-n-propylamine	0.862	0.330	38.3	9.16	30	10 - 125
N-Nitrosodiphenylamine	0.862	0.679	78.8	17.0	30	10 - 177
Pentachlorophenol	0.862	0.455	52.8	11.0	30	10 - 153
Phenanthrene	0.862	0.589	47.5	0.587	30	10 - 148
Phenol	0.862	0.440	51.1	4.59	30	10 - 126
Pyrene	0.862	0.521	30.9	4.05	30	10 - 165
Pyridine	0.862	0.269	31.2	3.92	30	10 - 83

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50975	Laboratory ID:	BE50975-MS1
Preparation:	EPA 3550C	Initial/Final:	30.7 g / 1 mL

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
1,1-Biphenyl	0.851	ND	0.319	37.5	10 - 130
1,2,4,5-Tetrachlorobenzene	0.851	ND	0.271	31.8	10 - 133
1,2,4-Trichlorobenzene	0.851	ND	0.385	45.3	10 - 127
1,2-Dichlorobenzene	0.851	ND	0.336	39.4	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	0.851	ND	0.256	30.1	10 - 144
1,3-Dichlorobenzene	0.851	ND	0.335	39.4	11 - 111
1,4-Dichlorobenzene	0.851	ND	0.341	40.1	10 - 106
2,3,4,6-Tetrachlorophenol	0.851	ND	0.315	37.0	30 - 130
2,4,5-Trichlorophenol	0.851	ND	0.257	30.2	10 - 127
2,4,6-Trichlorophenol	0.851	ND	0.299	35.1	10 - 132
2,4-Dichlorophenol	0.851	ND	0.321	37.7	10 - 128
2,4-Dimethylphenol	0.851	ND	0.178	20.9	10 - 137
2,4-Dinitrophenol	0.851	ND	ND	0 *	10 - 171
2,4-Dinitrotoluene	0.851	ND	0.312	36.6	16 - 135
2,6-Dinitrotoluene	0.851	ND	0.330	38.8	18 - 131
2-Chloronaphthalene	0.851	ND	0.302	35.4	10 - 129
2-Chlorophenol	0.851	ND	0.321	37.7	15 - 116
2-Methylnaphthalene	0.851	ND	0.317	37.2	10 - 147
2-Methylphenol	0.851	ND	0.275	32.3	10 - 136
2-Nitroaniline	0.851	ND	0.327	38.4	10 - 137
2-Nitrophenol	0.851	ND	0.372	43.7	10 - 129
3- & 4-Methylphenols	0.851	ND	0.251	29.4	10 - 123
3,3-Dichlorobenzidine	0.851	ND	0.419	49.3	10 - 155
3-Nitroaniline	0.851	ND	0.327	38.4	12 - 133
4,6-Dinitro-2-methylphenol	0.851	ND	ND	0 *	10 - 155
4-Bromophenyl phenyl ether	0.851	ND	0.347	40.7	14 - 128
4-Chloro-3-methylphenol	0.851	ND	0.321	37.8	10 - 134
4-Chloroaniline	0.851	ND	0.272	31.9	10 - 145
4-Chlorophenyl phenyl ether	0.851	ND	0.325	38.2	14 - 130
4-Nitroaniline	0.851	ND	0.183	21.5	10 - 147
4-Nitrophenol	0.851	ND	0.124	14.6	10 - 137

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50975	Laboratory ID:	BE50975-MS1
Preparation:	EPA 3550C	Initial/Final:	30.7 g / 1 mL

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Acenaphthene	0.851	ND	0.293	34.5	10 - 146
Acenaphthylene	0.851	ND	0.316	37.1	10 - 134
Acetophenone	0.851	ND	0.253	29.8	10 - 116
Aniline	0.851	ND	0.255	29.9	10 - 123
Anthracene	0.851	ND	0.308	36.2	10 - 142
Atrazine	0.851	ND	0.263	31.0	19 - 115
Benzaldehyde	0.851	ND	0.280	32.9	10 - 125
Benzo(a)anthracene	0.851	ND	0.336	39.5	10 - 158
Benzo(a)pyrene	0.851	ND	0.304	35.7	10 - 180
Benzo(b)fluoranthene	0.851	ND	0.326	38.3	10 - 200
Benzo(g,h,i)perylene	0.851	ND	0.346	40.6	10 - 138
Benzo(k)fluoranthene	0.851	ND	0.336	39.5	10 - 197
Benzoic acid	0.851	ND	ND	0 *	10 - 166
Benzyl alcohol	0.851	ND	0.323	38.0	12 - 124
Benzyl butyl phthalate	0.851	ND	0.366	43.0	10 - 154
Bis(2-chloroethoxy)methane	0.851	ND	0.312	36.7	10 - 132
Bis(2-chloroethyl)ether	0.851	ND	0.309	36.3	10 - 119
Bis(2-chloroisopropyl)ether	0.851	ND	0.267	31.4	10 - 139
Bis(2-ethylhexyl)phthalate	0.851	0.161	0.470	36.3	10 - 167
Caprolactam	0.851	ND	0.291	34.2	10 - 132
Carbazole	0.851	ND	0.261	30.6	10 - 167
Chrysene	0.851	ND	0.334	39.2	10 - 156
Dibenzo(a,h)anthracene	0.851	ND	0.274	32.2	10 - 137
Dibenzofuran	0.851	ND	0.313	36.8	10 - 147
Diethyl phthalate	0.851	ND	0.297	35.0	20 - 120
Dimethyl phthalate	0.851	ND	0.300	35.2	18 - 131
Di-n-butyl phthalate	0.851	ND	0.303	35.6	10 - 137
Di-n-octyl phthalate	0.851	ND	0.383	45.0	10 - 180
Fluoranthene	0.851	0.0430	0.314	31.8	10 - 160
Fluorene	0.851	ND	0.325	38.2	10 - 157
Hexachlorobenzene	0.851	ND	0.297	35.0	10 - 137
Hexachlorobutadiene	0.851	ND	0.395	46.4	10 - 132

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50975	Laboratory ID:	BE50975-MS1
Preparation:	EPA 3550C	Initial/Final:	30.7 g / 1 mL

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Hexachlorocyclopentadiene	0.851	ND	0.0776	9.12 *	10 - 106
Hexachloroethane	0.851	ND	0.334	39.3	10 - 110
Indeno(1,2,3-cd)pyrene	0.851	ND	0.295	34.7	10 - 144
Isophorone	0.851	ND	0.304	35.7	10 - 132
Naphthalene	0.851	ND	0.338	39.8	10 - 141
Nitrobenzene	0.851	ND	0.323	37.9	10 - 131
N-Nitrosodimethylamine	0.851	ND	0.378	44.4	10 - 126
N-nitroso-di-n-propylamine	0.851	ND	0.281	33.0	10 - 125
N-Nitrosodiphenylamine	0.851	ND	0.331	38.9	10 - 177
Pentachlorophenol	0.851	ND	0.148	17.4	10 - 153
Phenanthrene	0.851	ND	0.327	38.4	10 - 148
Phenol	0.851	ND	0.323	37.9	10 - 126
Pyrene	0.851	ND	0.374	44.0	10 - 165
Pyridine	0.851	ND	0.287	33.8	10 - 83

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-8 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50975
Laboratory ID: BE50975-MSD1
Preparation: EPA 3550C
Initial/Final: 30.7 g / 1 mL
Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	0.851	0.413	48.5	25.5	30	10 - 130
1,2,4,5-Tetrachlorobenzene	0.851	0.364	42.8	29.4	30	10 - 133
1,2,4-Trichlorobenzene	0.851	0.483	56.8	22.6	30	10 - 127
1,2-Dichlorobenzene	0.851	0.394	46.3	16.0	30	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	0.851	0.369	43.4	36.2 *	30	10 - 144
1,3-Dichlorobenzene	0.851	0.399	46.9	17.4	30	11 - 111
1,4-Dichlorobenzene	0.851	0.402	47.2	16.3	30	10 - 106
2,3,4,6-Tetrachlorophenol	0.851	0.321	37.8	2.14	30	30 - 130
2,4,5-Trichlorophenol	0.851	0.329	38.7	24.6	30	10 - 127
2,4,6-Trichlorophenol	0.851	0.380	44.6	23.9	30	10 - 132
2,4-Dichlorophenol	0.851	0.430	50.6	29.2	30	10 - 128
2,4-Dimethylphenol	0.851	0.192	22.6	7.73	30	10 - 137
2,4-Dinitrophenol	0.851	ND	0 *		30	10 - 171
2,4-Dinitrotoluene	0.851	0.420	49.4	29.6	30	16 - 135
2,6-Dinitrotoluene	0.851	0.467	54.9	34.3 *	30	18 - 131
2-Chloronaphthalene	0.851	0.430	50.6	35.2 *	30	10 - 129
2-Chlorophenol	0.851	0.364	42.7	12.5	30	15 - 116
2-Methylnaphthalene	0.851	0.424	49.8	29.0	30	10 - 147
2-Methylphenol	0.851	0.306	36.0	10.8	30	10 - 136
2-Nitroaniline	0.851	0.427	50.2	26.6	30	10 - 137
2-Nitrophenol	0.851	0.436	51.3	16.0	30	10 - 129
3- & 4-Methylphenols	0.851	0.269	31.6	7.08	30	10 - 123
3,3-Dichlorobenzidine	0.851	0.601	70.6	35.6 *	30	10 - 155
3-Nitroaniline	0.851	0.427	50.2	26.6	30	12 - 133
4,6-Dinitro-2-methylphenol	0.851	ND	0 *		30	10 - 155
4-Bromophenyl phenyl ether	0.851	0.464	54.6	29.1	30	14 - 128
4-Chloro-3-methylphenol	0.851	0.438	51.4	30.7 *	30	10 - 134
4-Chloroaniline	0.851	0.379	44.5	32.9 *	30	10 - 145
4-Chlorophenyl phenyl ether	0.851	0.438	51.4	29.6	30	14 - 130
4-Nitroaniline	0.851	0.243	28.6	28.1	30	10 - 147
4-Nitrophenol	0.851	0.135	15.8	8.42	30	10 - 137
Acenaphthene	0.851	0.414	48.6	34.1 *	30	10 - 146

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-8 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50975
Laboratory ID: BE50975-MSD1
Preparation: EPA 3550C
Initial/Final: 30.7 g / 1 mL
Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthylene	0.851	0.422	49.6	28.8	30	10 - 134
Acetophenone	0.851	0.304	35.8	18.3	30	10 - 116
Aniline	0.851	0.293	34.5	14.2	30	10 - 123
Anthracene	0.851	0.426	50.1	32.1 *	30	10 - 142
Atrazine	0.851	0.360	42.3	31.0 *	30	19 - 115
Benzaldehyde	0.851	0.285	33.4	1.69	30	10 - 125
Benzo(a)anthracene	0.851	0.480	56.4	35.2 *	30	10 - 158
Benzo(a)pyrene	0.851	0.462	54.3	41.4 *	30	10 - 180
Benzo(b)fluoranthene	0.851	0.468	55.0	35.8 *	30	10 - 200
Benzo(g,h,i)perylene	0.851	0.498	58.6	36.1 *	30	10 - 138
Benzo(k)fluoranthene	0.851	0.465	54.6	32.1 *	30	10 - 197
Benzoic acid	0.851	ND	0 *		30	10 - 166
Benzyl alcohol	0.851	0.359	42.2	10.6	30	12 - 124
Benzyl butyl phthalate	0.851	0.494	58.1	29.7	30	10 - 154
Bis(2-chloroethoxy)methane	0.851	0.406	47.8	26.1	30	10 - 132
Bis(2-chloroethyl)ether	0.851	0.352	41.4	13.0	30	10 - 119
Bis(2-chloroisopropyl)ether	0.851	0.327	38.4	20.2	30	10 - 139
Bis(2-ethylhexyl)phthalate	0.851	0.702	63.6	39.6 *	30	10 - 167
Caprolactam	0.851	0.345	40.6	16.9	30	10 - 132
Carbazole	0.851	0.382	44.9	37.7 *	30	10 - 167
Chrysene	0.851	0.467	54.9	33.3 *	30	10 - 156
Dibenzo(a,h)anthracene	0.851	0.401	47.1	37.5 *	30	10 - 137
Dibenzofuran	0.851	0.438	51.5	33.3 *	30	10 - 147
Diethyl phthalate	0.851	0.413	48.5	32.4 *	30	20 - 120
Dimethyl phthalate	0.851	0.414	48.6	32.1 *	30	18 - 131
Di-n-butyl phthalate	0.851	0.419	49.3	32.2 *	30	10 - 137
Di-n-octyl phthalate	0.851	0.548	64.4	35.4 *	30	10 - 180
Fluoranthene	0.851	0.489	52.5	43.7 *	30	10 - 160
Fluorene	0.851	0.437	51.4	29.5	30	10 - 157
Hexachlorobenzene	0.851	0.400	47.0	29.5	30	10 - 137
Hexachlorobutadiene	0.851	0.508	59.7	25.0	30	10 - 132
Hexachlorocyclopentadiene	0.851	0.110	12.9	34.2 *	30	10 - 106
Hexachloroethane	0.851	0.391	46.0	15.8	30	10 - 110

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50975	Laboratory ID:	BE50975-MSD1
Preparation:	EPA 3550C	Initial/Final:	30.7 g / 1 mL

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Indeno(1,2,3-cd)pyrene	0.851	0.432	50.7	37.5 *	30	10 - 144
Isophorone	0.851	0.401	47.1	27.6	30	10 - 132
Naphthalene	0.851	0.445	52.3	27.3	30	10 - 141
Nitrobenzene	0.851	0.395	46.4	20.1	30	10 - 131
N-Nitrosodimethylamine	0.851	0.0483	5.68 *	155 *	30	10 - 126
N-nitroso-di-n-propylamine	0.851	0.351	41.3	22.2	30	10 - 125
N-Nitrosodiphenylamine	0.851	0.470	55.3	34.8 *	30	10 - 177
Pentachlorophenol	0.851	0.110	13.0	29.5	30	10 - 153
Phenanthrene	0.851	0.478	56.2	37.6 *	30	10 - 148
Phenol	0.851	0.310	36.5	3.87	30	10 - 126
Pyrene	0.851	0.539	63.4	36.1 *	30	10 - 165
Pyridine	0.851	ND	0 *		30	10 - 83

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50953	Laboratory ID:	BE50953-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	0.831	0.557	67.1	18 - 111
1,2,4,5-Tetrachlorobenzene	0.831	0.486	58.6	21 - 131
1,2,4-Trichlorobenzene	0.831	0.641	77.2	10 - 140
1,2-Dichlorobenzene	0.831	0.550	66.3	34 - 108
1,2-Diphenylhydrazine (as Azobenzene)	0.831	0.464	55.8	17 - 137
1,3-Dichlorobenzene	0.831	0.565	68.0	33 - 110
1,4-Dichlorobenzene	0.831	0.563	67.8	32 - 104
2,3,4,6-Tetrachlorophenol	0.831	0.600	72.2	30 - 130
2,4,5-Trichlorophenol	0.831	0.571	68.8	27 - 118
2,4,6-Trichlorophenol	0.831	0.660	79.4	31 - 120
2,4-Dichlorophenol	0.831	0.643	77.4	20 - 127
2,4-Dimethylphenol	0.831	0.564	68.0	14 - 132
2,4-Dinitrophenol	0.831	0.0904	10.9	10 - 171
2,4-Dinitrotoluene	0.831	0.533	64.2	34 - 131
2,6-Dinitrotoluene	0.831	0.555	66.8	31 - 128
2-Chloronaphthalene	0.831	0.556	67.0	31 - 117
2-Chlorophenol	0.831	0.593	71.4	33 - 113
2-Methylnaphthalene	0.831	0.544	65.5	12 - 138
2-Methylphenol	0.831	0.576	69.3	10 - 136
2-Nitroaniline	0.831	0.588	70.8	27 - 132
2-Nitrophenol	0.831	0.616	74.1	17 - 129
3- & 4-Methylphenols	0.831	0.500	60.2	29 - 103
3,3-Dichlorobenzidine	0.831	1.21	145	22 - 149
3-Nitroaniline	0.831	0.588	70.8	20 - 133
4,6-Dinitro-2-methylphenol	0.831	0.155	18.7	10 - 143
4-Bromophenyl phenyl ether	0.831	0.642	77.3	29 - 120
4-Chloro-3-methylphenol	0.831	0.615	74.1	24 - 129
4-Chloroaniline	0.831	0.474	57.1	10 - 132
4-Chlorophenyl phenyl ether	0.831	0.572	68.9	27 - 124
4-Nitroaniline	0.831	ND	0 *	16 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50953	Laboratory ID:	BE50953-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
4-Nitrophenol	0.831	0.328	39.4	10 - 141
Acenaphthene	0.831	0.506	60.9	30 - 121
Acenaphthylene	0.831	0.560	67.4	30 - 115
Acetophenone	0.831	0.436	52.5	20 - 112
Aniline	0.831	0.551	66.4	10 - 119
Anthracene	0.831	0.572	68.8	34 - 118
Atrazine	0.831	0.457	55.0	26 - 112
Benzaldehyde	0.831	0.456	55.0	21 - 100
Benzo(a)anthracene	0.831	0.601	72.4	32 - 122
Benzo(a)pyrene	0.831	0.578	69.6	29 - 133
Benzo(b)fluoranthene	0.831	0.579	69.7	25 - 133
Benzo(g,h,i)perylene	0.831	0.618	74.4	10 - 143
Benzo(k)fluoranthene	0.831	0.659	79.4	25 - 128
Benzoic acid	0.831	0.314	37.8	10 - 140
Benzyl alcohol	0.831	0.563	67.8	30 - 115
Benzyl butyl phthalate	0.831	0.598	72.0	26 - 126
Bis(2-chloroethoxy)methane	0.831	0.556	67.0	19 - 132
Bis(2-chloroethyl)ether	0.831	0.508	61.2	19 - 125
Bis(2-chloroisopropyl)ether	0.831	0.441	53.1	20 - 135
Bis(2-ethylhexyl)phthalate	0.831	0.646	77.7	10 - 155
Caprolactam	0.831	0.489	58.8	10 - 127
Carbazole	0.831	0.520	62.6	35 - 123
Chrysene	0.831	0.578	69.6	32 - 123
Dibenzo(a,h)anthracene	0.831	0.586	70.6	10 - 136
Dibenzofuran	0.831	0.553	66.6	29 - 121
Diethyl phthalate	0.831	0.534	64.2	34 - 116
Dimethyl phthalate	0.831	0.554	66.8	35 - 124
Di-n-butyl phthalate	0.831	0.566	68.1	31 - 116
Di-n-octyl phthalate	0.831	0.726	87.4	26 - 136
Fluoranthene	0.831	0.611	73.6	33 - 122

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50953	Laboratory ID:	BE50953-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
Fluorene	0.831	0.570	68.6	29 - 123
Hexachlorobenzene	0.831	0.531	63.9	21 - 124
Hexachlorobutadiene	0.831	0.675	81.3	10 - 149
Hexachlorocyclopentadiene	0.831	0.143	17.2	10 - 129
Hexachloroethane	0.831	0.449	54.0	28 - 108
Indeno(1,2,3-cd)pyrene	0.831	0.799	96.2	10 - 135
Isophorone	0.831	0.541	65.1	20 - 132
Naphthalene	0.831	0.576	69.3	23 - 124
Nitrobenzene	0.831	0.516	62.1	13 - 132
N-Nitrosodimethylamine	0.831	0.621	74.8	11 - 129
N-nitroso-di-n-propylamine	0.831	0.472	56.8	24 - 119
N-Nitrosodiphenylamine	0.831	0.634	76.4	22 - 152
Pentachlorophenol	0.831	0.494	59.5	10 - 139
Phenanthrene	0.831	0.567	68.3	33 - 123
Phenol	0.831	0.582	70.0	23 - 115
Pyrene	0.831	0.611	73.5	24 - 130
Pyridine	0.831	0.526	63.3	10 - 91

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50975-BLK1	File ID:	SV66879.D
Prepared:	05/13/25 13:36	Preparation:	EPA 3550C	Initial/Final:	30.2 g / 1 mL
Analyzed:	05/14/25 10:54	Instrument:	BNA#6		
Batch:	BE50975	Sequence:	S5E1433	Calibration:	SD50011

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
92-52-4	1,1-Biphenyl	0.0414	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.0827	U
120-82-1	1,2,4-Trichlorobenzene	0.0414	U
95-50-1	1,2-Dichlorobenzene	0.0414	U
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	0.0414	U
541-73-1	1,3-Dichlorobenzene	0.0414	U
106-46-7	1,4-Dichlorobenzene	0.0414	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.0827	U
95-95-4	2,4,5-Trichlorophenol	0.0414	U
88-06-2	2,4,6-Trichlorophenol	0.0414	U
120-83-2	2,4-Dichlorophenol	0.0414	U
105-67-9	2,4-Dimethylphenol	0.0414	U
51-28-5	2,4-Dinitrophenol	0.0827	U
121-14-2	2,4-Dinitrotoluene	0.455	
606-20-2	2,6-Dinitrotoluene	0.649	
91-58-7	2-Chloronaphthalene	0.0414	U
95-57-8	2-Chlorophenol	0.0414	U
91-57-6	2-Methylnaphthalene	0.0414	U
95-48-7	2-Methylphenol	0.0414	U
88-74-4	2-Nitroaniline	0.0827	U
88-75-5	2-Nitrophenol	0.0414	U
65794-96-9	3- & 4-Methylphenols	0.0414	U
91-94-1	3,3-Dichlorobenzidine	0.0414	U
99-09-2	3-Nitroaniline	0.0827	U
534-52-1	4,6-Dinitro-2-methylphenol	0.0827	U
101-55-3	4-Bromophenyl phenyl ether	0.0414	U
59-50-7	4-Chloro-3-methylphenol	0.0414	U
106-47-8	4-Chloroaniline	0.0414	U
7005-72-3	4-Chlorophenyl phenyl ether	0.0414	U
100-01-6	4-Nitroaniline	0.0827	U

FORM I

METHOD BLANK DATA SHEET

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50975-BLK1	File ID:	SV66879.D
Prepared:	05/13/25 13:36	Preparation:	EPA 3550C	Initial/Final:	30.2 g / 1 mL
Analyzed:	05/14/25 10:54	Instrument:	BNA#6		
Batch:	BE50975	Sequence:	S5E1433	Calibration:	SD50011

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
100-02-7	4-Nitrophenol	0.0827	U
83-32-9	Acenaphthene	0.0414	U
208-96-8	Acenaphthylene	0.0414	U
98-86-2	Acetophenone	0.0414	U
62-53-3	Aniline	0.166	U
120-12-7	Anthracene	0.0414	U
1912-24-9	Atrazine	0.0414	U
100-52-7	Benzaldehyde	0.0414	U
92-87-5	Benzidine	0.166	U
56-55-3	Benzo(a)anthracene	0.0414	U
50-32-8	Benzo(a)pyrene	0.0414	U
205-99-2	Benzo(b)fluoranthene	0.0414	U
191-24-2	Benzo(g,h,i)perylene	0.0414	U
207-08-9	Benzo(k)fluoranthene	0.0414	U
65-85-0	Benzoic acid	0.0414	U
100-51-6	Benzyl alcohol	0.0414	U
85-68-7	Benzyl butyl phthalate	0.0414	U
111-91-1	Bis(2-chloroethoxy)methane	0.0414	U
111-44-4	Bis(2-chloroethyl)ether	0.0414	U
108-60-1	Bis(2-chloroisopropyl)ether	0.0414	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.0414	U
105-60-2	Caprolactam	0.0827	U
86-74-8	Carbazole	0.0414	U
218-01-9	Chrysene	0.0414	U
53-70-3	Dibenzo(a,h)anthracene	0.0414	U
132-64-9	Dibenzofuran	0.0414	U
84-66-2	Diethyl phthalate	0.0414	U
131-11-3	Dimethyl phthalate	0.176	
84-74-2	Di-n-butyl phthalate	0.0414	U
117-84-0	Di-n-octyl phthalate	0.0414	U

FORM I

METHOD BLANK DATA SHEET

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50975-BLK1	File ID:	SV66879.D
Prepared:	05/13/25 13:36	Preparation:	EPA 3550C	Initial/Final:	30.2 g / 1 mL
Analyzed:	05/14/25 10:54	Instrument:	BNA#6		
Batch:	BE50975	Sequence:	S5E1433	Calibration:	SD50011

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
206-44-0	Fluoranthene	0.0414	U
86-73-7	Fluorene	0.0414	U
118-74-1	Hexachlorobenzene	0.0361	J
87-68-3	Hexachlorobutadiene	0.0414	U
77-47-4	Hexachlorocyclopentadiene	0.0414	U
67-72-1	Hexachloroethane	0.415	
193-39-5	Indeno(1,2,3-cd)pyrene	0.0414	U
78-59-1	Isophorone	0.125	
91-20-3	Naphthalene	0.0414	U
98-95-3	Nitrobenzene	0.0354	J
62-75-9	N-Nitrosodimethylamine	0.0414	U
621-64-7	N-nitroso-di-n-propylamine	0.0384	J
86-30-6	N-Nitrosodiphenylamine	0.0414	U
87-86-5	Pentachlorophenol	0.0414	U
85-01-8	Phenanthrene	0.0414	U
108-95-2	Phenol	0.0414	U
129-00-0	Pyrene	0.0414	U
110-86-1	Pyridine	0.166	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg wet)	CONC (mg/kg wet)	% REC	QC LIMITS	Q
SURR: 2,4,6-Tribromophenol	1.66	0.651	39.3	19 - 110	
SURR: 2-Fluorobiphenyl	0.828	0.246	29.8	21 - 113	
SURR: 2-Fluorophenol	1.66	0.532	32.1	20 - 108	
SURR: Nitrobenzene-d5	0.828	0.235	28.4	22 - 108	
SURR: Phenol-d6	1.66	0.400	24.2	23 - 114	
SURR: Terphenyl-d14	0.828	0.255	30.8	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	2457637	4.83	2512290	4.83	
ISTD: Acenaphthene-d10	5643754	7.26	6287771	7.25	
ISTD: Chrysene-d12	16292520	14.72	18644270	14.73	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50011
Instrument: BNA#6
Calibration Date: 04/04/25 00:57

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5546756	9.847849	6.67	2.195347E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.6978031	36.12773	6.42	1.557442E-02			SPCC (0.01)	*
1,2,4-Trichlorobenzene	0.3060868	11.97463	5.7	3.753579E-03			20	
1,2-Dichlorobenzene	1.397537	10.97657	4.911667	1.133063			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.7218593	10.28953	8.071666	4.797652E-02			20	
1,3-Dichlorobenzene	1.399407	10.75204	4.78	3.035786E-03			20	
1,4-Dichlorobenzene	1.448207	11.36727	4.838333	8.565178E-02			20	
1-Methylnaphthalene	0.5660402	10.70007	6.36	0.0209438			20	
2,3,4,6-Tetrachlorophenol	0.1199563	10.0761	7.59	1.722988E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.4039986	8.807416	6.536667	7.861961E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3516625	10.04407	6.506667	8.064739E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2690544	12.24523	5.64	1.271817E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2791196	12.78956	5.49	1.809559E-02			SPCC (0.2)	
2,4-Dinitrophenol	0.1147017	27.61944	7.283333	0.0697844			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3743189	10.82015	7.43	1.735182E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2668477	11.13828	7.003333	7.328146E-02			SPCC (0.2)	
2-Chloronaphthalene	1.07191	9.34433	6.69	1.689563E-02			SPCC (0.8)	
2-Chlorophenol	1.267672	11.22936	4.67	8.144179E-03			SPCC (0.8)	
2-Methylnaphthalene	0.6366677	11.46023	6.28	2.099056E-02			SPCC (0.4)	
2-Methylphenol	1.139372	9.771969	4.99	1.990877E-02			SPCC (0.7)	
2-Nitroaniline	0.3549554	9.215747	6.775	8.187219E-02			SPCC (0.01)	
2-Nitrophenol	0.158723	10.48906	5.47	0.0171434			SPCC (0.1)	
3- & 4-Methylphenols	1.771918	11.70084	5.1	1.804415E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.3986553	9.893781	14.65333	0.0294245			SPCC (0.01)	
3-Nitroaniline	0.3549554	9.215747	6.775	8.187219E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	9.167727E-02	22.09465	7.921667	5.372445E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2199469	10.07196	8.54	2.269215E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3089389	10.96152	6.14	2.432736E-02			SPCC (0.2)	
4-Chloroaniline	0.3979206	10.11845	5.793333	9.202654E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6778506	9.744002	7.87	1.335717E-02			SPCC (0.4)	
4-Nitroaniline	0.360612	10.31279	7.876667	0.1034188			SPCC (0.01)	
4-Nitrophenol	0.2708086	10.15433	7.333333	6.876746E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50011
Instrument: BNA#6
Calibration Date: 04/04/25 00:57

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.098074	8.713111	7.27	1.985362E-02			SPCC (0.9)	
Acenaphthylene	1.728398	9.821289	7.09	1.844497E-02			SPCC (0.9)	
Acetophenone	2.50319	34.21037	5.11	1.872938E-02			SPCC (0.01)	*
Alpha Terpineol	0.2591799	12.08487	5.761667	6.710958E-02			20	
Aniline	1.900065	9.929201	4.58	0.0218314			SPCC ()	
Anthracene	1.020934	9.707726	9.348334	0.0452199			SPCC (0.7)	
Atrazine	0.2488543	35.85787	8.801667	4.414688E-02			SPCC (0.01)	*
Benzaldehyde	1.355177	39.19769	4.5	0			SPCC (0.01)	*
Benzidine	0.4489149	13.21235	11.825	4.365905E-02			20	
Benzo(a)anthracene	1.096841	9.526939	14.62	1.375628E-02			SPCC (0.8)	
Benzo(a)pyrene	1.095368	10.80415	17.60833	4.120464E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.138285	9.939952	16.96333	0.028796			SPCC (0.7)	
Benzo(g,h,i)perylene	0.9237589	10.3744	20.12833	4.587812E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.255821	10.93584	17.02333	3.465739E-02			SPCC (0.7)	
Benzoic acid	0.2600903	10.52397	5.536667	0.3549536			20	
Benzyl alcohol	0.9479472	8.9759	4.916667	0.1040956			20	
Benzyl butyl phthalate	0.4299242	10.56231	13.58333	3.929046E-02			20	
Bis(2-chloroethoxy)methane	0.4237648	10.39368	5.56	1.164645E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.400617	10.58776	4.626667	0.1112987			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.56942	11.89421	5.02	1.396751E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.6207621	10.72	15.03	1.079057E-02			20	
Caprolactam	0.1372598	46.35159	6.045	0.1721474			SPCC (0.01)	*
Carbazole	1.034981	10.03123	9.625	5.444971E-02			SPCC (0.01)	
Chrysene	1.082674	10.31427	14.70333	3.432453E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.9289503	10.51449	19.75333	2.653959E-02			SPCC (0.4)	
Dibenzofuran	1.625552	9.369935	7.46	1.215444E-02			SPCC (0.8)	
Diethyl phthalate	1.277576	9.138423	7.723333	6.583086E-02			SPCC (0.01)	
Dimethyl phthalate	1.261085	10.17209	6.948333	5.969847E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.159308	9.910071	10.37167	3.648904E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.022858	12.74518	16.5	0			SPCC (0.01)	
Diphenylamine	0.5016244	10.49953	8.013334	6.201297E-02			20	
Fluoranthene	1.281497	10.01863	11.48167	3.634007E-02			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50011
Instrument: BNA#6
Calibration Date: 04/04/25 00:57

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.331197	9.722691	7.87	1.335717E-02			SPCC (0.9)	
Hexachlorobenzene	7.648604E-02	10.68447	8.62	8.468176E-03			SPCC (0.1)	
Hexachlorobutadiene	0.1871175	12.83376	5.85	1.837788E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.3424472	11.30538	6.41	2.040169E-02			SPCC (0.05)	
Hexachloroethane	0.5806648	10.64811	5.2	2.015686E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	0.8454989	12.40539	19.69	4.168272E-02			SPCC (0.5)	
Isophorone	0.706587	11.71089	5.41	1.406038E-02			SPCC (0.4)	
Naphthalene	0.9416932	11.64524	5.76	2.534572E-02			SPCC (0.7)	
Nitrobenzene	0.3684062	10.33803	5.235	0.1040822			SPCC (0.2)	
N-Nitrosodimethylamine	0.756157	10.77595	2.791667	0.1452709			20	
N-nitroso-di-n-propylamine	1.064626	10.16591	5.11	1.872938E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.1798978	10.65454	8.013334	6.201297E-02			SPCC (0.01)	
Parathion	0.1349797	20.57893	10.68667	5.007316E-02			20	*
Pentachloronitrobenzene	9.309909E-02	9.908005	8.943333	5.550494E-02			20	
Pentachlorophenol	0.1506658	13.95406	8.916667	5.655641E-02			SPCC (0.05)	
Phenanthrene	1.006994	9.826211	9.261667	4.388785E-02			SPCC (0.7)	
Phenol	1.819685	11.05671	4.55	1.594624E-02			SPCC (0.8)	
Pyrene	1.006097	9.89151	11.93833	2.606323E-02			SPCC (0.6)	
Pyridine	1.436696	11.49528	2.83	1.343933E-02			20	
SURR: 2,4,6-Tribromophenol	0.1052571	10.63585	8.173333	6.420217E-02			20	
SURR: 2-Fluorobiphenyl	1.253616	9.913926	6.58	1.519571E-02			20	
SURR: 2-Fluorophenol	1.278227	10.76299	3.853333	0.1339169			20	
SURR: Nitrobenzene-d5	0.369352	10.77153	5.22	2.779896E-03			20	
SURR: Phenol-d6	1.771521	11.20731	4.54	1.997184E-02			20	
SURR: Terphenyl-d14	0.8374144	10.15981	12.38167	3.568746E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50040
Instrument: BNA #10
Calibration Date: 04/23/25 00:51

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5602392	6.959825	7.424	3.968008E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.5996894	9.948746	7.115	4.493707E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.3433762	6.476154	6.249	1.876531E-02			20	
1,2-Dichlorobenzene	1.395056	4.652639	5.385	1.586277E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.8005219	9.300406	9.077125	2.699853E-02			20	
1,3-Dichlorobenzene	1.487162	4.133544	5.202	1.890494E-02			20	
1,4-Dichlorobenzene	1.50019	3.118872	5.261	6.114646E-02			20	
1-Methylnaphthalene	0.5934855	6.133873	7.055	0.0367218			20	
2,3,4,6-Tetrachlorophenol	0.1388091	9.816208	8.538625	4.126231E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.368033	7.445913	7.29225	6.272658E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3349421	9.99393	7.236	4.584948E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2723559	11.38443	6.186	5.067294E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2894971	9.505491	6.00225	3.767708E-02			SPCC (0.2)	
2,4-Dinitrophenol	0.1378506	25.56489	8.1865	8.856597E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3755844	5.94913	8.344333	8.007069E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2800797	6.013442	7.832	6.263055E-02			SPCC (0.2)	
2-Chloronaphthalene	0.9799604	7.065014	7.459	4.439717E-02			SPCC (0.8)	
2-Chlorophenol	1.246005	8.330572	5.0805	5.232673E-02			SPCC (0.8)	
2-Methylnaphthalene	0.7209728	5.659688	6.954	0.0388785			SPCC (0.4)	
2-Methylphenol	1.189706	9.167581	5.44875	4.190228E-02			SPCC (0.7)	
2-Nitroaniline	0.3170047	5.985905	7.572833	3.561313E-02			SPCC (0.01)	
2-Nitrophenol	0.1733201	8.620289	5.97475	3.133694E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.705042	7.998937	5.5695	5.137773E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5122872	18.18953	14.84067	3.489864E-02			SPCC (0.01)	
3-Nitroaniline	0.2705393	5.832255	8.056	7.316936E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	0.1022856	18.36827	8.9195	8.019478E-02			SPCC (0.01)	
4-Bromophenyl phenyl ether	0.2076672	6.911617	9.571333	2.595293E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3681469	8.53359	6.8055	4.006628E-02			SPCC (0.2)	
4-Chloroaniline	0.3689368	6.804006	6.368	6.861292E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6974885	5.79191	8.833333	3.020917E-02			SPCC (0.4)	
4-Nitroaniline	0.2731229	8.329021	8.8955	0.1050421			SPCC (0.01)	
4-Nitrophenol	0.2520088	36.61938	8.28175	0.1553379			SPCC (0.01)	*

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50040
Instrument: BNA #10
Calibration Date: 04/23/25 00:51

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.134185	7.313457	8.150667	3.584899E-02			SPCC (0.9)	
Acenaphthylene	1.555556	5.750849	7.938	2.666573E-02			SPCC (0.9)	
Acetophenone	2.124414	6.20695	5.571	6.041652E-02			SPCC (0.01)	
Alpha Terpineol	0.3148176	8.488557	6.314667	4.861366E-02			20	
Aniline	2.274675	4.744744	4.979833	3.855602E-02			SPCC ()	
Anthracene	0.9930349	5.825332	10.217	2.886757E-02			SPCC (0.7)	
Atrazine	0.2230975	7.809859	9.774667	4.353983E-02			SPCC (0.01)	
Benzaldehyde	1.177478	7.374948	4.893	7.522242E-03			SPCC (0.01)	
Benzidine	0.539883	21.65622	12.236	2.644258E-02			20	*
Benzo(a)anthracene	1.182133	6.833421	14.81867	3.695927E-02			SPCC (0.8)	
Benzo(a)pyrene	0.9870305	8.055994	17.71667	3.540704E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.032496	7.749396	17.07867	3.872578E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	0.8907774	9.283085	20.20467	5.384013E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.055362	7.659789	17.13667	5.056558E-02			SPCC (0.7)	
Benzoic acid	0.2091588	34.49168	6.087833	0.3822566			20	*
Benzyl alcohol	0.9253622	7.269614	5.357	4.422917E-02			20	
Benzyl butyl phthalate	0.4632252	8.954019	13.776	2.973411E-02			20	
Bis(2-chloroethoxy)methane	0.4497025	7.350649	6.0725	3.090922E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.497132	5.659147	5.021	5.381649E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	0.4691608	4.656761	5.4545	0.0439543			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.6079131	8.093892	15.10383	2.154325E-02			20	
Caprolactam	0.1188525	11.48655	6.704	0.2633161			SPCC (0.01)	
Carbazole	0.8706964	6.410808	10.429	3.419603E-02			SPCC (0.01)	
Chrysene	1.084129	6.508447	14.89567	4.337145E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.9400838	10.37148	19.81867	3.561903E-02			SPCC (0.4)	
Dibenzofuran	1.533813	5.585532	8.373833	3.004399E-02			SPCC (0.8)	
Diethyl phthalate	1.215632	4.973734	8.6485	6.564868E-02			SPCC (0.01)	
Dimethyl phthalate	1.182675	4.940736	7.746	6.197961E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.005063	7.785107	10.937	2.918803E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.043691	8.969597	16.53217	1.716337E-02			SPCC (0.01)	
Diphenylamine	0.4182281	7.369974	9.014666	3.014497E-02			20	
Fluoranthene	1.146258	7.110394	11.945	0.0427281			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SD50040
Instrument: BNA #10
Calibration Date: 04/23/25 00:51

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.288486	5.133905	8.854167	3.321056E-02			SPCC (0.9)	
Hexachlorobenzene	8.707486E-02	6.745754	9.650667	3.048014E-02			SPCC (0.1)	
Hexachlorobutadiene	0.2407234	6.291118	6.415	1.693751E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.4336419	11.34611	7.097	3.282006E-02			SPCC (0.05)	
Hexachloroethane	0.6187877	3.538815	5.663333	4.502643E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	0.9284724	9.71511	19.7605	3.961808E-02			SPCC (0.5)	
Isophorone	0.9428982	6.447164	5.906667	6.794287E-02			SPCC (0.4)	
Naphthalene	0.9884005	6.913187	6.326	4.945902E-02			SPCC (0.7)	
Nitrobenzene	0.5691241	6.891764	5.718833	5.345033E-02			SPCC (0.2)	
N-Nitrosodimethylamine	1.045664	5.724536	3.0675	0.1139504			20	
N-nitroso-di-n-propylamine	1.415008	4.83185	5.566	8.931229E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.1578495	7.004236	9.014666	3.014497E-02			SPCC (0.01)	
Parathion	0.1294022	11.34121	11.2165	1.900786E-02			20	
Pentachloronitrobenzene	0.1209624	7.751465	9.905	2.006534E-02			20	
Pentachlorophenol	9.766033E-02	26.37594	9.89975	7.620575E-02			SPCC (0.05)	*
Phenanthrene	0.9833144	6.320705	10.154	3.337333E-02			SPCC (0.7)	
Phenol	2.043076	8.494374	4.957375	5.457388E-02			SPCC (0.8)	
Pyrene	1.263818	7.970573	12.3535	4.554827E-02			SPCC (0.6)	
Pyridine	1.777976	6.844939	3.100833	0.1361825			20	
SURR: 2,4,6-Tribromophenol	6.691123E-02	9.592715	9.224125	3.387291E-02			20	
SURR: 2-Fluorobiphenyl	1.254935	8.350699	7.309875	3.427582E-02			20	
SURR: 2-Fluorophenol	1.30877	9.054945	4.18375	5.161543E-02			20	
SURR: Nitrobenzene-d5	0.5251865	7.826764	5.701125	4.206083E-02			20	
SURR: Phenol-d6	1.886783	9.27597	4.9455	5.854612E-02			20	
SURR: Terphenyl-d14	0.9726167	10.24588	12.70525	2.720887E-02			20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA#6	Calibration:	SD50011
Lab File ID:	SV66890.D	Calibration Date:	04/04/25 00:57
Sequence:	S5E1526	Injection Date:	05/14/25
Lab Sample ID:	S5E1526-CCV1	Injection Time:	16:44

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	30.6	0.5546756	0.5666319	0.01	2.2	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	25.4	0.6978031	0.5911175	0.01	-15.3	20	
1,2,4-Trichlorobenzene	A	30.0	33.7	0.3060868	0.3442493		12.5	20	
1,2-Dichlorobenzene	A	30.0	31.2	1.397537	1.455044		4.1	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	25.9	0.7218593	0.6227237		-13.7	20	
1,3-Dichlorobenzene	A	30.0	31.2	1.399407	1.455901		4.0	20	
1,4-Dichlorobenzene	A	30.0	32.1	1.448207	1.547626		6.9	20	
2,3,4,6-Tetrachlorophenol	A	30.0	31.0	0.1199563	0.1158199	0.01	-3.4	20	
2,4,5-Trichlorophenol	A	30.0	30.4	0.4039986	0.3923072	0.2	-2.9	20	
2,4,6-Trichlorophenol	A	30.0	34.9	0.3516625	0.3909186	0.2	11.2	20	
2,4-Dichlorophenol	A	30.0	33.0	0.2690544	0.2918797	0.2	8.5	20	
2,4-Dimethylphenol	A	30.0	28.0	0.2791196	0.2736711	0.2	-2.0	20	
2,4-Dinitrophenol X	A	30.0	54.4	0.1147017	0.1808955	0.01	57.7	20	*
2,4-Dinitrotoluene	A	30.0	35.4	0.3743189	0.4417067	0.2	18.0	20	
2,6-Dinitrotoluene	A	30.0	36.0	0.2668477	0.3197309	0.2	19.8	20	
2-Chloronaphthalene	A	30.0	30.7	1.07191	1.097105	0.8	2.4	20	
2-Chlorophenol	A	30.0	31.9	1.267672	1.334619	0.8	5.3	20	
2-Methylnaphthalene	A	30.0	31.7	0.6366677	0.6729081	0.4	5.7	20	
2-Methylphenol	A	30.0	31.3	1.139372	1.172621	0.7	2.9	20	
2-Nitroaniline	A	30.0	33.1	0.3549554	0.3919487	0.01	10.4	20	
2-Nitrophenol	A	30.0	36.8	0.158723	0.1880357	0.1	18.5	20	
3- & 4-Methylphenols	A	30.0	31.0	1.771918	1.804674	0.6	1.8	20	
3,3-Dichlorobenzidine X	A	30.0	75.9	0.3986553	0.5041112	0.01	26.5	20	*
3-Nitroaniline	A	30.0	33.1	0.3549554	0.3919487	0.01	10.4	20	
4,6-Dinitro-2-methylphenol X	A	30.0	51.9	9.167727E-02	0.1385403	0.01	51.1	20	*
4-Bromophenyl phenyl ether	A	30.0	35.3	0.2199469	0.2591338	0.1	17.8	20	
4-Chloro-3-methylphenol	A	30.0	32.9	0.3089389	0.3306162	0.2	7.0	20	
4-Chloroaniline	A	30.0	31.6	0.3979206	0.419374	0.01	5.4	20	
4-Chlorophenyl phenyl ether	A	30.0	33.2	0.6778506	0.7506551	0.4	10.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA#6	Calibration:	SD50011
Lab File ID:	SV66890.D	Calibration Date:	04/04/25 00:57
Sequence:	S5E1526	Injection Date:	05/14/25
Lab Sample ID:	S5E1526-CCV1	Injection Time:	16:44

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Nitroaniline X	A	30.0	1.23	0.360612	1.480886E-02	0.01	-95.9	20 *
4-Nitrophenol X	A	30.0	20.2	0.2708086	0.1721126	0.01	-36.4	20 *
Acenaphthene	A	30.0	29.6	1.098074	1.081522	0.9	-1.5	20
Acenaphthylene	A	30.0	31.2	1.728398	1.796141	0.9	3.9	20
Acetophenone X	A	30.0	23.2	2.50319	1.936452	0.01	-22.6	20 *
Aniline	A	30.0	31.3	1.900065	1.980711		4.2	20
Anthracene	A	30.0	31.6	1.020934	1.075831	0.7	5.4	20
Atrazine	A	30.0	25.8	0.2488543	0.2136985	0.01	-14.1	20
Benzaldehyde X	A	30.0	23.6	1.355177	1.066418	0.01	-21.3	20 *
Benzidine	A	30.0	24.0	0.4489149	0.3587899		-20.1	20 *
Benzo(a)anthracene	A	30.0	33.4	1.096841	1.222656	0.8	11.5	20
Benzo(a)pyrene	A	30.0	35.9	1.095368	1.311918	0.7	19.8	20
Benzo(b)fluoranthene	A	30.0	34.1	1.138285	1.294633	0.7	13.7	20
Benzo(g,h,i)perylene	A	30.0	35.2	0.9237589	1.084595	0.5	17.4	20
Benzo(k)fluoranthene	A	30.0	34.6	1.255821	1.448588	0.7	15.3	20
Benzoic acid	A	30.0	33.1	0.2600903	0.2867345		10.2	20
Benzyl alcohol	A	30.0	31.3	0.9479472	0.9903484		4.5	20
Benzyl butyl phthalate	A	30.0	31.9	0.4299242	0.4568514		6.3	20
Bis(2-chloroethoxy)methane	A	30.0	28.7	0.4237648	0.4050664	0.3	-4.4	20
Bis(2-chloroethyl)ether	A	30.0	29.0	1.400617	1.352107	0.7	-3.5	20
Bis(2-chloroisopropyl)ether	A	30.0	24.4	1.56942	1.275335	0.01	-18.7	20
Bis(2-ethylhexyl)phthalate	A	30.0	36.8	0.6207621	0.7611637		22.6	20 *
Caprolactam	A	30.0	27.1	0.1372598	0.1239692	0.01	-9.7	20
Carbazole	A	30.0	30.0	1.034981	1.035994	0.01	0.1	20
Chrysene	A	30.0	33.1	1.082674	1.194745	0.7	10.4	20
Dibenzo(a,h)anthracene X	A	30.0	36.1	0.9289503	1.117641	0.4	20.3	20 *
Dibenzofuran	A	30.0	31.2	1.625552	1.693492	0.8	4.2	20
Diethyl phthalate	A	30.0	31.0	1.277576	1.319382	0.01	3.3	20
Dimethyl phthalate	A	30.0	31.4	1.261085	1.321416	0.01	4.8	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA#6	Calibration:	SD50011
Lab File ID:	SV66890.D	Calibration Date:	04/04/25 00:57
Sequence:	S5E1526	Injection Date:	05/14/25
Lab Sample ID:	S5E1526-CCV1	Injection Time:	16:44

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate	A	30.0	31.3	1.159308	1.207941	0.01	4.2	20	
Di-n-octyl phthalate X	A	30.0	42.0	1.022858	1.430546	0.01	39.9	20	*
Fluoranthene	A	30.0	31.9	1.281497	1.361887	0.6	6.3	20	
Fluorene	A	30.0	32.1	1.331197	1.422876	0.9	6.9	20	
Hexachlorobenzene	A	30.0	28.1	7.648604E-02	7.175536E-02	0.1	-6.2	20	
Hexachlorobutadiene	A	30.0	34.4	0.1871175	0.2143042	0.01	14.5	20	
Hexachlorocyclopentadiene	A	30.0	25.7	0.3424472	0.2937978	0.05	-14.2	20	
Hexachloroethane	A	30.0	30.0	0.5806648	0.580282	0.3	-0.07	20	
Indeno(1,2,3-cd)pyrene	A	30.0	33.3	0.8454989	0.939633	0.5	11.1	20	
Isophorone	A	30.0	28.8	0.706587	0.6772177	0.4	-4.2	20	
Naphthalene	A	30.0	30.4	0.9416932	0.9551231	0.7	1.4	20	
Nitrobenzene	A	30.0	28.4	0.3684062	0.3492501	0.2	-5.2	20	
N-Nitrosodimethylamine	A	30.0	37.2	0.756157	0.9374386		24.0	20	*
N-nitroso-di-n-propylamine	A	30.0	28.4	1.064626	1.008198	0.5	-5.3	20	
N-Nitrosodiphenylamine	A	30.0	31.4	0.1798978	0.1883411	0.01	4.7	20	
Pentachlorophenol	A	30.0	32.6	0.1506658	0.1492837	0.05	-0.9	20	
Phenanthrene	A	30.0	31.8	1.006994	1.06593	0.7	5.9	20	
Phenol	A	30.0	31.7	1.819685	1.896263	0.8	4.2	20	
Pyrene	A	30.0	31.9	1.006097	1.068428	0.6	6.2	20	
Pyridine	A	30.0	36.9	1.436696	1.765055		22.9	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #10	Calibration:	SD50040
Lab File ID:	SV1006559.D	Calibration Date:	04/23/25 00:51
Sequence:	S5E1608	Injection Date:	05/15/25
Lab Sample ID:	S5E1608-CCV1	Injection Time:	09:53

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	32.0	0.5602392	0.5972899	0.01	6.6	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	26.5	0.5996894	0.5301207	0.01	-11.6	20	
1,2,4-Trichlorobenzene	A	30.0	24.7	0.3433762	0.2829175		-17.6	20	
1,2-Dichlorobenzene	A	30.0	30.6	1.395056	1.422659		2.0	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	26.0	0.8005219	0.6931501		-13.4	20	
1,3-Dichlorobenzene	A	30.0	30.0	1.487162	1.487048		-0.008	20	
1,4-Dichlorobenzene	A	30.0	30.8	1.50019	1.537889		2.5	20	
1-Methylnaphthalene	A	30.0	26.4	0.5934855	0.5227275		-11.9	20	
2,3,4,6-Tetrachlorophenol	A	30.0	26.0	0.1388091	0.1204369	0.01	-13.2	20	
2,4,5-Trichlorophenol	A	30.0	32.2	0.368033	0.3949428	0.2	7.3	20	
2,4,6-Trichlorophenol	A	30.0	30.8	0.3349421	0.3435034	0.2	2.6	20	
2,4-Dichlorophenol	A	30.0	27.9	0.2723559	0.2532021	0.2	-7.0	20	
2,4-Dimethylphenol	A	30.0	30.1	0.2894971	0.2905171	0.2	0.4	20	
2,4-Dinitrophenol	A	30.0	29.8	0.1378506	0.1371841	0.01	-0.5	20	
2,4-Dinitrotoluene	A	30.0	35.4	0.3755844	0.4426724	0.2	17.9	20	
2,6-Dinitrotoluene	A	30.0	34.6	0.2800797	0.3232743	0.2	15.4	20	
2-Chloronaphthalene	A	30.0	33.2	0.9799604	1.083423	0.8	10.6	20	
2-Chlorophenol	A	30.0	32.9	1.246005	1.364923	0.8	9.5	20	
2-Methylnaphthalene X	A	30.0	23.4	0.7209728	0.5622416	0.4	-22.0	20	*
2-Methylphenol	A	30.0	31.4	1.189706	1.246392	0.7	4.8	20	
2-Nitroaniline X	A	30.0	37.1	0.3170047	0.3917435	0.01	23.6	20	*
2-Nitrophenol	A	30.0	30.8	0.1733201	0.1776604	0.1	2.5	20	
3- & 4-Methylphenols	A	30.0	32.0	1.705042	1.821461	0.6	6.8	20	
3,3-Dichlorobenzidine	A	30.0	29.0	0.5122872	0.4960695	0.01	-3.2	20	
3-Nitroaniline X	A	30.0	36.3	0.2705393	0.3273343	0.01	21.0	20	*
4,6-Dinitro-2-methylphenol	A	30.0	32.4	0.1022856	0.1105792	0.01	8.1	20	
4-Bromophenyl phenyl ether	A	30.0	28.9	0.2076672	0.2000979	0.1	-3.6	20	
4-Chloro-3-methylphenol	A	30.0	24.0	0.3681469	0.2947968	0.2	-19.9	20	
4-Chloroaniline	A	30.0	29.9	0.3689368	0.3679193	0.01	-0.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #10	Calibration:	SD50040
Lab File ID:	SV1006559.D	Calibration Date:	04/23/25 00:51
Sequence:	S5E1608	Injection Date:	05/15/25
Lab Sample ID:	S5E1608-CCV1	Injection Time:	09:53

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	29.0	0.6974885	0.6743161	0.4	-3.3	20	
4-Nitroaniline X	A	30.0	38.2	0.2731229	0.3481072	0.01	27.5	20	*
4-Nitrophenol X	A	30.0	23.4	0.2520088	0.196974	0.01	-21.8	20	*
Acenaphthene	A	30.0	29.7	1.134185	1.123931	0.9	-0.9	20	
Acenaphthylene	A	30.0	34.7	1.555556	1.801502	0.9	15.8	20	
Acetophenone	A	30.0	30.2	2.124414	2.135331	0.01	0.5	20	
Alpha Terpineol	A	30.0	20.8	0.3148176	0.2177299		-30.8	20	*
Aniline	A	30.0	27.3	2.274675	2.070028		-9.0	20	
Anthracene	A	30.0	34.3	0.9930349	1.134866	0.7	14.3	20	
Atrazine	A	30.0	28.6	0.2230975	0.2122773	0.01	-4.8	20	
Benzaldehyde	A	30.0	28.8	1.177478	1.131639	0.01	-3.9	20	
Benzidine	A	30.0	32.0	0.539883	0.576109		6.7	20	
Benzo(a)anthracene	A	30.0	31.6	1.182133	1.245541	0.8	5.4	20	
Benzo(a)pyrene	A	30.0	33.8	0.9870305	1.111839	0.7	12.6	20	
Benzo(b)fluoranthene	A	30.0	34.5	1.032496	1.188686	0.7	15.1	20	
Benzo(g,h,i)perylene X	A	30.0	38.2	0.8907774	1.134154	0.5	27.3	20	*
Benzo(k)fluoranthene	A	30.0	33.6	1.055362	1.181336	0.7	11.9	20	
Benzoic acid	A	30.0	25.0	0.2091588	0.17449		-16.6	20	
Benzyl alcohol	A	30.0	31.3	0.9253622	0.9643036		4.2	20	
Benzyl butyl phthalate	A	30.0	39.2	0.4632252	0.6055726		30.7	20	*
Bis(2-chloroethoxy)methane	A	30.0	25.1	0.4497025	0.3760936	0.3	-16.4	20	
Bis(2-chloroethyl)ether	A	30.0	27.8	1.497132	1.387791	0.7	-7.3	20	
Bis(2-chloroisopropyl)ether	A	30.0	33.4	0.4691608	0.5224682	0.01	11.4	20	
Bis(2-ethylhexyl)phthalate	A	30.0	44.2	0.6079131	0.8966746		47.5	20	*
Caprolactam	A	30.0	25.8	0.1188525	0.1022257	0.01	-14.0	20	
Carbazole X	A	30.0	37.9	0.8706964	1.098832	0.01	26.2	20	*
Chrysene	A	30.0	32.2	1.084129	1.162253	0.7	7.2	20	
Dibenzo(a,h)anthracene X	A	30.0	38.6	0.9400838	1.207965	0.4	28.5	20	*
Dibenzofuran	A	30.0	32.2	1.533813	1.643537	0.8	7.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #10	Calibration:	SD50040
Lab File ID:	SV1006559.D	Calibration Date:	04/23/25 00:51
Sequence:	S5E1608	Injection Date:	05/15/25
Lab Sample ID:	S5E1608-CCV1	Injection Time:	09:53

COMPOUND		TYPE	CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
			STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl phthalate		A	30.0	33.1	1.215632	1.342444	0.01	10.4	20	
Dimethyl phthalate		A	30.0	34.3	1.182675	1.351418	0.01	14.3	20	
Di-n-butyl phthalate	X	A	30.0	39.0	1.005063	1.306475	0.01	30.0	20	*
Di-n-octyl phthalate	X	A	30.0	43.8	1.043691	1.522911	0.01	45.9	20	*
Diphenylamine		A	30.0	35.6	0.4182281	0.4967508		18.8	20	
Fluoranthene		A	30.0	33.1	1.146258	1.263926	0.6	10.3	20	
Fluorene		A	30.0	32.1	1.288486	1.378119	0.9	7.0	20	
Hexachlorobenzene		A	30.0	28.8	8.707486E-02	8.352529E-02	0.1	-4.1	20	
Hexachlorobutadiene	X	A	30.0	19.6	0.2407234	0.1576869	0.01	-34.5	20	*
Hexachlorocyclopentadiene	X	A	30.0	18.6	0.4336419	0.2684989	0.05	-38.1	20	*
Hexachloroethane		A	30.0	28.2	0.6187877	0.5820692	0.3	-5.9	20	
Indeno(1,2,3-cd)pyrene	X	A	30.0	38.3	0.9284724	1.186599	0.5	27.8	20	*
Isophorone	X	A	30.0	22.0	0.9428982	0.6910476	0.4	-26.7	20	*
Naphthalene		A	30.0	29.6	0.9884005	0.9741488	0.7	-1.4	20	
Nitrobenzene	X	A	30.0	19.3	0.5691241	0.3659711	0.2	-35.7	20	*
N-Nitrosodimethylamine		A	30.0	25.1	1.045664	0.8747338		-16.3	20	
N-nitroso-di-n-propylamine	X	A	30.0	22.4	1.415008	1.054164	0.5	-25.5	20	*
N-Nitrosodiphenylamine		A	30.0	33.2	0.1578495	0.1749312	0.01	10.8	20	
Parathion		A	30.0	41.5	0.1294022	0.1788192		38.2	20	*
Pentachloronitrobenzene		A	30.0	22.3	0.1209624	8.979199E-02		-25.8	20	*
Pentachlorophenol	X	A	30.0	21.3	9.766033E-02	6.934563E-02	0.05	-29.0	20	*
Phenanthrene		A	30.0	34.1	0.9833144	1.116354	0.7	13.5	20	
Phenol		A	30.0	28.4	2.043076	1.935529	0.8	-5.3	20	
Pyrene		A	30.0	30.4	1.263818	1.281391	0.6	1.4	20	
Pyridine		A	30.0	27.5	1.777976	1.630553		-8.3	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E1537
Instrument: MSBNA9
Calibration: SE50003

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5E1537-CCV1)				Lab File ID: E900327021.D		Analyzed: 05/14/25 15:54		
SURR: 2-Fluorophenol	30.0	98.1	0 - 200	4.691	4.371625	0.3194	+/-1.00	
SURR: Phenol-d6	30.0	99.3	0 - 200	5.429	5.1285	0.3005	+/-1.00	
SURR: Nitrobenzene-d5	30.0	109	0 - 200	6.19	5.90225	0.2878	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	115	0 - 200	7.882	7.53975	0.3423	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	121	0 - 200	9.817	9.4755	0.3415	+/-1.00	
SURR: Terphenyl-d14	30.0	114	0 - 200	13.327	12.874	0.4530	+/-1.00	
Blank (BE51032-BLK1)				Lab File ID: E900327030.D		Analyzed: 05/14/25 20:23		
SURR: 2-Fluorophenol	50.0	33.1	19.7 - 63.1	4.9	4.371625	0.5284	+/-1.00	
SURR: Phenol-d6	50.0	19.1	10.1 - 41.7	5.679	5.1285	0.5505	+/-1.00	
SURR: Nitrobenzene-d5	25.0	62.8	50.2 - 113	6.226	5.90225	0.3238	+/-1.00	
SURR: 2-Fluorobiphenyl	25.0	50.7	39.9 - 105	7.917	7.53975	0.3773	+/-1.00	
SURR: 2,4,6-Tribromophenol	50.0	68.0	39.3 - 151	9.893	9.4755	0.4175	+/-1.00	
SURR: Terphenyl-d14	25.0	81.4	30.7 - 106	13.385	12.874	0.5110	+/-1.00	
LCS (BE51032-BS1)				Lab File ID: E900327031.D		Analyzed: 05/14/25 20:53		
SURR: 2-Fluorophenol	50.0	28.6	19.7 - 63.1	4.906	4.371625	0.5344	+/-1.00	
SURR: Phenol-d6	50.0	1.54	10.1 - 41.7	5.725	5.1285	0.5965	+/-1.00	*
SURR: Nitrobenzene-d5	25.0	55.7	50.2 - 113	6.225	5.90225	0.3227	+/-1.00	
SURR: 2-Fluorobiphenyl	25.0	50.2	39.9 - 105	7.916	7.53975	0.3763	+/-1.00	
SURR: 2,4,6-Tribromophenol	50.0	67.8	39.3 - 151	9.892	9.4755	0.4165	+/-1.00	
SURR: Terphenyl-d14	25.0	64.4	30.7 - 106	13.385	12.874	0.5110	+/-1.00	
LCS Dup (BE51032-BSD1)				Lab File ID: E900327032.D		Analyzed: 05/14/25 21:23		
SURR: 2-Fluorophenol	50.0	26.5	19.7 - 63.1	4.912	4.371625	0.5404	+/-1.00	
SURR: Phenol-d6	50.0	19.2	10.1 - 41.7	5.685	5.1285	0.5565	+/-1.00	
SURR: Nitrobenzene-d5	25.0	49.8	50.2 - 113	6.231	5.90225	0.3287	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	44.0	39.9 - 105	7.917	7.53975	0.3773	+/-1.00	
SURR: 2,4,6-Tribromophenol	50.0	60.6	39.3 - 151	9.893	9.4755	0.4175	+/-1.00	
SURR: Terphenyl-d14	25.0	59.5	30.7 - 106	13.385	12.874	0.5110	+/-1.00	
FB-3 (25E0288-22)				Lab File ID: E900327036.D		Analyzed: 05/14/25 23:23		
SURR: 2-Fluorophenol	50.0	23.4	19.7 - 63.1	4.912	4.371625	0.5404	+/-1.00	
SURR: Phenol-d6	50.0	13.4	10.1 - 41.7	5.697	5.1285	0.5685	+/-1.00	
SURR: Nitrobenzene-d5	25.0	47.1	50.2 - 113	6.231	5.90225	0.3287	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	38.7	39.9 - 105	7.922	7.53975	0.3823	+/-1.00	*
SURR: 2,4,6-Tribromophenol	50.0	46.6	39.3 - 151	9.893	9.4755	0.4175	+/-1.00	
SURR: Terphenyl-d14	25.0	53.7	30.7 - 106	13.391	12.874	0.5170	+/-1.00	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51032	Laboratory ID:	BE51032-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	25.0	13.2	53.0	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	11.0	44.2	26 - 120
2,3,4,6-Tetrachlorophenol	25.0	12.3	49.1	30 - 130
2,4,5-Trichlorophenol	25.0	13.0	51.8	32 - 114
2,4,6-Trichlorophenol	25.0	14.1	56.4	35 - 118
2,4-Dichlorophenol	25.0	15.7	62.8	25 - 116
2,4-Dimethylphenol	25.0	14.1	56.5	15 - 116
2,4-Dinitrophenol	25.0	ND	0 *	10 - 170
2,4-Dinitrotoluene	25.0	17.7	70.9	41 - 128
2,6-Dinitrotoluene	25.0	17.8	71.4	45 - 116
2-Chloronaphthalene	25.0	12.8	51.4	33 - 112
2-Chlorophenol	25.0	12.5	49.8	15 - 120
2-Methylnaphthalene	25.0	11.3	45.2	24 - 118
2-Methylphenol	25.0	7.49	30.0	10 - 110
2-Nitroaniline	25.0	18.4	73.5	34 - 129
2-Nitrophenol	25.0	12.5	50.0	28 - 118
3- & 4-Methylphenols	25.0	8.62	34.5	10 - 107
3,3-Dichlorobenzidine	25.0	12.3	49.2	15 - 187
3-Nitroaniline	25.0	17.9	71.4	24 - 134
4,6-Dinitro-2-methylphenol	25.0	ND	0 *	10 - 153
4-Bromophenyl phenyl ether	25.0	15.8	63.2	34 - 120
4-Chloro-3-methylphenol	25.0	17.4	69.8	20 - 120
4-Chloroaniline	25.0	13.1	52.4	10 - 147
4-Chlorophenyl phenyl ether	25.0	16.1	64.3	27 - 121
4-Nitroaniline	25.0	19.5	77.8	13 - 134
4-Nitrophenol	25.0	30.1	121	10 - 131
Acetophenone	25.0	13.6	54.3	25 - 110
Benzaldehyde	25.0	13.3	53.1	29 - 117
Benzyl butyl phthalate	25.0	16.5	65.8	29 - 133
Bis(2-chloroethoxy)methane	25.0	13.4	53.8	10 - 154

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51032	Laboratory ID:	BE51032-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bis(2-chloroethyl)ether	25.0	21.1	84.4	17 - 125
Bis(2-chloroisopropyl)ether	25.0	12.8	51.4	10 - 139
Caprolactam	25.0	3.88	15.5	10 - 137
Carbazole	25.0	15.0	59.9	42 - 126
Dibenzofuran	25.0	13.7	54.6	36 - 113
Diethyl phthalate	25.0	16.4	65.4	38 - 115
Dimethyl phthalate	25.0	15.5	61.9	38 - 129
Di-n-butyl phthalate	25.0	16.3	65.1	31 - 120
Di-n-octyl phthalate	25.0	18.7	74.8	21 - 149
Hexachlorocyclopentadiene	25.0	ND	0 *	10 - 130
Isophorone	25.0	14.4	57.8	25 - 127
N-nitroso-di-n-propylamine	25.0	13.5	53.8	26 - 122
N-Nitrosodiphenylamine	25.0	20.1	80.4	23 - 149
Phenol	25.0	0.950	3.80 *	10 - 110
Pyridine	35.0	3.74	10.7	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51032	Laboratory ID:	BE51032-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	25.0	12.1	48.4	9.00	20	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	10.0	40.0	9.98	20	26 - 120
2,3,4,6-Tetrachlorophenol	25.0	12.2	48.8	0.572	20	30 - 130
2,4,5-Trichlorophenol	25.0	11.9	47.6	8.53	20	32 - 114
2,4,6-Trichlorophenol	25.0	13.6	54.5	3.46	20	35 - 118
2,4-Dichlorophenol	25.0	14.7	58.8	6.52	20	25 - 116
2,4-Dimethylphenol	25.0	13.4	53.5	5.53	20	15 - 116
2,4-Dinitrophenol	25.0	ND	0 *		20	10 - 170
2,4-Dinitrotoluene	25.0	16.9	67.7	4.62	20	41 - 128
2,6-Dinitrotoluene	25.0	16.6	66.3	7.44	20	45 - 116
2-Chloronaphthalene	25.0	11.6	46.3	10.4	20	33 - 112
2-Chlorophenol	25.0	11.2	44.8	10.7	20	15 - 120
2-Methylnaphthalene	25.0	15.7	62.8	32.6 *	20	24 - 118
2-Methylphenol	25.0	6.34	25.4	16.6	20	10 - 110
2-Nitroaniline	25.0	17.3	69.4	5.82	20	34 - 129
2-Nitrophenol	25.0	11.3	45.1	10.2	20	28 - 118
3- & 4-Methylphenols	25.0	7.87	31.5	9.10	20	10 - 107
3,3-Dichlorobenzidine	25.0	10.5	41.8	16.2	20	15 - 187
3-Nitroaniline	25.0	15.6	62.3	13.6	20	24 - 134
4,6-Dinitro-2-methylphenol	25.0	ND	0 *		20	10 - 153
4-Bromophenyl phenyl ether	25.0	14.8	59.2	6.47	20	34 - 120
4-Chloro-3-methylphenol	25.0	17.0	68.2	2.32	20	20 - 120
4-Chloroaniline	25.0	11.7	47.0	10.9	20	10 - 147
4-Chlorophenyl phenyl ether	25.0	14.9	59.6	7.56	20	27 - 121
4-Nitroaniline	25.0	18.3	73.3	6.03	20	13 - 134
4-Nitrophenol	25.0	29.2	117	3.27	20	10 - 131
Acetophenone	25.0	12.0	47.8	12.8	20	25 - 110
Benzaldehyde	25.0	11.4	45.5	15.5	20	29 - 117
Benzyl butyl phthalate	25.0	14.9	59.7	9.75	20	29 - 133
Bis(2-chloroethoxy)methane	25.0	12.0	47.8	11.7	20	10 - 154

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51032	Laboratory ID:	BE51032-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bis(2-chloroethyl)ether	25.0	18.0	72.0	15.9	20	17 - 125
Bis(2-chloroisopropyl)ether	25.0	11.0	44.0	15.4	20	10 - 139
Caprolactam	25.0	3.60	14.4	7.49	20	10 - 137
Carbazole	25.0	13.6	54.6	9.36	20	42 - 126
Dibenzofuran	25.0	12.8	51.2	6.58	20	36 - 113
Diethyl phthalate	25.0	15.8	63.4	3.23	20	38 - 115
Dimethyl phthalate	25.0	14.6	58.2	6.19	20	38 - 129
Di-n-butyl phthalate	25.0	15.4	61.5	5.69	20	31 - 120
Di-n-octyl phthalate	25.0	16.9	67.6	10.1	20	21 - 149
Hexachlorocyclopentadiene	25.0	ND	0 *		20	10 - 130
Isophorone	25.0	13.5	53.8	7.03	20	25 - 127
N-nitroso-di-n-propylamine	25.0	11.7	47.0	13.7	20	26 - 122
N-Nitrosodiphenylamine	25.0	18.2	72.8	9.93	20	23 - 149
Phenol	25.0	ND	0 *		20	10 - 110
Pyridine	35.0	ND	0 *		20	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50003
Instrument: MSBNA9
Calibration Date: 04/30/25 00:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5595889	7.759765	7.644667	2.677071E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4195871	8.788715	7.372	4.338161E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2492986	8.173658	6.46	4.421301E-02			20	
1,2-Dichlorobenzene	1.457906	7.922922	5.589	0.0589395			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.718042	10.20995	9.302125	4.651792E-02			20	
1,3-Dichlorobenzene	1.491962	7.326691	5.388833	1.503907E-02			20	
1,4-Dichlorobenzene	1.571514	7.875262	5.429	1.855162E-02			20	
1-Methylnaphthalene	0.5611563	6.207891	7.275333	3.222135E-02			20	
2,3,4,6-Tetrachlorophenol	0.1322765	11.56213	8.83125	3.550337E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3303443	11.69538	7.515125	3.008114E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3032753	11.19009	7.46975	2.172638E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2380838	8.887921	6.37875	0.0399503			SPCC (0.2)	
2,4-Dimethylphenol	0.2790796	7.085002	6.186375	3.699427E-02			SPCC (0.2)	
2,4-Dinitrophenol	9.174677E-02	25.58228	8.4525	4.707102E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3264986	12.9264	8.648	5.557219E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2398993	12.96253	8.134667	5.678131E-02			SPCC (0.2)	
2-Chloronaphthalene	1.07902	7.155958	7.679	3.115233E-02			SPCC (0.8)	
2-Chlorophenol	1.425633	9.378195	5.268125	4.441958E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6563344	6.324726	7.161	1.446444E-02			SPCC (0.4)	
2-Methylphenol	1.100148	8.096807	5.62925	5.654376E-02			SPCC (0.7)	
2-Nitroaniline	0.3620953	11.02573	7.827667	5.670732E-02			SPCC (0.01)	
2-Nitrophenol	0.1476093	12.54649	6.187625	4.329681E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.679292	8.306242	5.7445	4.531983E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5265872	22.29486	15.05117	3.812924E-02			SPCC (0.01)	*
3-Nitroaniline	0.3182817	9.952678	8.326167	6.046322E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	6.659178E-02	27.24761	9.235875	6.708631E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.199456	5.09361	9.708666	2.960111E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.2746071	8.071607	6.99475	4.148202E-02			SPCC (0.2)	
4-Chloroaniline	0.4213167	6.575656	6.582	4.659539E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.5474226	7.206317	9.067	3.956166E-02			SPCC (0.4)	
4-Nitroaniline	0.3319042	9.89231	9.195	0.1094852			SPCC (0.01)	
4-Nitrophenol	0.2213989	16.41403	8.483125	9.866178E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50003
Instrument: MSBNA9
Calibration Date: 04/30/25 00:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.156981	6.597927	8.410834	4.336979E-02			SPCC (0.9)	
Acenaphthylene	1.791103	7.259456	8.18	4.140218E-02			SPCC (0.9)	
Acetophenone	1.959731	7.659134	5.766	4.95947E-03			SPCC (0.01)	
Alpha Terpineol	0.1871536	6.480009	6.485	4.875775E-02			20	
Aniline	2.074763	7.056469	5.179	1.618054E-02			SPCC ()	
Anthracene	1.158237	6.066411	10.342	3.106273E-02			SPCC (0.7)	
Atrazine	0.2059226	8.334972	9.918833	6.097819E-02			SPCC (0.01)	
Benzaldehyde	0.9787886	13.26436	5.069	1.843853E-02			SPCC (0.01)	
Benzidine	0.6797686	34.08977	12.406	4.306748E-02			20	*
Benzo(a)anthracene	1.199277	5.96139	15.00883	4.043528E-02			SPCC (0.8)	
Benzo(a)pyrene	1.211807	7.611429	17.94667	4.769433E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.21867	7.322529	17.30333	6.602682E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	0.998463	6.973292	20.47367	8.487855E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.291704	7.193459	17.35367	6.784532E-02			SPCC (0.7)	
Benzoic acid	0.2340385	7.792335	6.280667	0.3700798			20	
Benzyl alcohol	1.002339	6.427985	5.536	5.368135E-02			20	
Benzyl butyl phthalate	0.6265626	7.407516	13.98	2.239314E-02			20	
Bis(2-chloroethoxy)methane	0.3758466	7.778638	6.272	8.473115E-03			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.387648	7.370875	5.214	1.119302E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	0.9102365	7.499131	5.655	4.231112E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.936518	6.442378	15.304	2.795555E-02			20	
Caprolactam	8.954573E-02	12.4156	6.898667	0.2163085			SPCC (0.01)	
Carbazole	1.181991	6.511182	10.559	4.574329E-02			SPCC (0.01)	
Chrysene	1.218182	5.414598	15.10467	5.488608E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.076756	8.065094	20.04667	5.418219E-02			SPCC (0.4)	
Dibenzofuran	1.561222	6.515908	8.611	4.388943E-02			SPCC (0.8)	
Diethyl phthalate	1.343797	6.645537	8.942333	5.305948E-02			SPCC (0.01)	
Dimethyl phthalate	1.295895	6.763076	8.023	4.347862E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.42797	8.879851	11.114	1.583287E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.595866	7.671191	16.629	1.953382E-02			SPCC (0.01)	
Diphenylamine	0.5407461	6.048393	9.256	5.306693E-02			20	
Fluoranthene	1.211712	5.878227	12.131	0.0353687			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50003
Instrument: MSBNA9
Calibration Date: 04/30/25 00:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.326749	7.091483	9.103	4.649949E-02			SPCC (0.9)	
Hexachlorobenzene	0.1034441	5.499572	9.894666	2.900451E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1352771	8.109135	6.661	1.925549E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.2633008	10.49616	7.379	4.592692E-02			SPCC (0.05)	
Hexachloroethane	0.5801717	7.571526	5.842	1.474902E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	1.043702	6.916603	20.01067	6.311275E-02			SPCC (0.5)	
Isophorone	0.6459292	6.858282	6.099667	4.299616E-02			SPCC (0.4)	
Naphthalene	0.9942663	8.597065	6.522833	3.662419E-02			SPCC (0.7)	
Nitrobenzene	0.3185705	7.893438	5.917333	0.0173679			SPCC (0.2)	
N-Nitrosodimethylamine	0.975147	9.092575	3.255	7.220609E-02			20	
N-nitroso-di-n-propylamine	1.128886	6.574531	5.774	5.718862E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.1813112	5.477018	9.256167	6.499275E-02			SPCC (0.01)	
Parathion	0.1284006	17.76559	11.43183	3.749622E-02			20	
Pentachloronitrobenzene	8.777346E-02	11.06804	10.19583	4.166327E-02			20	
Pentachlorophenol	0.1267346	16.78434	10.0975	2.069264E-02			SPCC (0.05)	
Phenanthrene	1.150059	6.57298	10.28883	4.356285E-02			SPCC (0.7)	
Phenol	1.730066	10.82716	5.139625	0.0373282			SPCC (0.8)	
Pyrene	1.16912	6.119006	12.54367	3.609837E-02			SPCC (0.6)	
Pyridine	1.313632	8.977477	3.265833	0.3839306			20	
SURR: 2,4,6-Tribromophenol	9.336921E-02	10.78488	9.4755	2.984067E-02			20	
SURR: 2-Fluorobiphenyl	1.195701	10.46921	7.53975	2.633956E-02			20	
SURR: 2-Fluorophenol	1.358156	9.785177	4.371625	1.279855E-02			20	
SURR: Nitrobenzene-d5	0.3060173	8.598318	5.90225	5.176135E-02			20	
SURR: Phenol-d6	1.748676	8.714208	5.1285	5.361634E-02			20	
SURR: Terphenyl-d14	0.8708193	9.624971	12.874	3.650401E-02			20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	MSBNA9	Calibration:	SE50003
Lab File ID:	E900327021.D	Calibration Date:	04/30/25 00:13
Sequence:	S5E1537	Injection Date:	05/14/25
Lab Sample ID:	S5E1537-CCV1	Injection Time:	15:54

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	32.4	0.5595889	0.605181	0.01	8.1	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	33.0	0.4195871	0.4615339	0.01	10.0	20	
2,3,4,6-Tetrachlorophenol	A	30.0	34.6	0.1322765	0.1525834	0.01	15.4	20	
2,4,5-Trichlorophenol	A	30.0	34.0	0.3303443	0.37388	0.2	13.2	20	
2,4,6-Trichlorophenol	A	30.0	32.3	0.3032753	0.326714	0.2	7.7	20	
2,4-Dichlorophenol	A	30.0	28.4	0.2380838	0.2256569	0.2	-5.2	20	
2,4-Dimethylphenol	A	30.0	29.9	0.2790796	0.2784082	0.2	-0.2	20	
2,4-Dinitrophenol	A	30.0	27.1	9.174677E-02	8.301182E-02	0.01	-9.5	20	
2,4-Dinitrotoluene	A	30.0	35.4	0.3264986	0.3857636	0.2	18.2	20	
2,6-Dinitrotoluene	A	30.0	35.7	0.2398993	0.2855043	0.2	19.0	20	
2-Chloronaphthalene	A	30.0	32.0	1.07902	1.151537	0.8	6.7	20	
2-Chlorophenol	A	30.0	31.0	1.425633	1.472204	0.8	3.3	20	
2-Methylnaphthalene	A	30.0	28.2	0.6563344	0.6168648	0.4	-6.0	20	
2-Methylphenol	A	30.0	32.3	1.100148	1.184517	0.7	7.7	20	
2-Nitroaniline	A	30.0	33.5	0.3620953	0.40477	0.01	11.8	20	
2-Nitrophenol	A	30.0	34.4	0.1476093	0.1694713	0.1	14.8	20	
3- & 4-Methylphenols	A	30.0	32.1	1.679292	1.795148	0.6	6.9	20	
3,3-Dichlorobenzidine	A	30.0	26.6	0.5265872	0.4674673	0.01	-11.2	20	
3-Nitroaniline	A	30.0	31.2	0.3182817	0.3309227	0.01	4.0	20	
4,6-Dinitro-2-methylphenol	A	30.0	43.4	6.659178E-02	9.641828E-02	0.01	44.8	20	*
4-Bromophenyl phenyl ether	A	30.0	32.5	0.199456	0.2159436	0.1	8.3	20	
4-Chloro-3-methylphenol	A	30.0	29.7	0.2746071	0.271633	0.2	-1.1	20	
4-Chloroaniline	A	30.0	27.0	0.4213167	0.3796744	0.01	-9.9	20	
4-Chlorophenyl phenyl ether	A	30.0	33.1	0.5474226	0.6041589	0.4	10.4	20	
4-Nitroaniline	A	30.0	32.6	0.3319042	0.3612013	0.01	8.8	20	
4-Nitrophenol	A	30.0	29.0	0.2213989	0.2140079	0.01	-3.3	20	
Acetophenone	A	30.0	33.3	1.959731	2.17456	0.01	11.0	20	
Benzaldehyde	A	30.0	30.6	0.9787886	0.9997015	0.01	2.1	20	
Benzyl butyl phthalate	A	30.0	30.7	0.6265626	0.6418418		2.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	MSBNA9	Calibration:	SE50003
Lab File ID:	E900327021.D	Calibration Date:	04/30/25 00:13
Sequence:	S5E1537	Injection Date:	05/14/25
Lab Sample ID:	S5E1537-CCV1	Injection Time:	15:54

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bis(2-chloroethoxy)methane	A	30.0	29.1	0.3758466	0.364483	0.3	-3.0	20	
Bis(2-chloroethyl)ether	A	30.0	28.8	1.387648	1.33202	0.7	-4.0	20	
Bis(2-chloroisopropyl)ether	A	30.0	32.4	0.9102365	0.9834937	0.01	8.0	20	
Caprolactam	A	30.0	33.3	8.954573E-02	9.929385E-02	0.01	10.9	20	
Carbazole	A	30.0	28.5	1.181991	1.121558	0.01	-5.1	20	
Dibenzofuran	A	30.0	29.6	1.561222	1.542808	0.8	-1.2	20	
Diethyl phthalate	A	30.0	31.5	1.343797	1.410629	0.01	5.0	20	
Dimethyl phthalate	A	30.0	30.6	1.295895	1.321542	0.01	2.0	20	
Di-n-butyl phthalate	A	30.0	32.0	1.42797	1.523457	0.01	6.7	20	
Di-n-octyl phthalate	A	30.0	36.8	1.595866	1.960422	0.01	22.8	20	*
Hexachlorocyclopentadiene	A	30.0	30.2	0.2633008	0.2650231	0.05	0.7	20	
Isophorone	A	30.0	29.8	0.6459292	0.6414369	0.4	-0.7	20	
N-nitroso-di-n-propylamine	A	30.0	33.4	1.128886	1.25574	0.5	11.2	20	
N-Nitrosodiphenylamine	A	30.0	35.5	0.1813112	0.2148028	0.01	18.5	20	
Phenol	A	30.0	34.4	1.730066	1.981617	0.8	14.5	20	
Pyridine	A	30.0	35.0	1.313632	1.532873		16.7	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles Data
for York Analytical Laboratories, Inc., SDG: 25E0288

1 Field Blank*
Collected May 6, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Sample FB-3 was extracted beyond USEPA SW-846 holding times. Positive and "not detected" results should be considered estimated (J, UJ respectively) in sample FB-3.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 13 compounds (highlighted yellow on attached FORM III) were above the allowable maximum (20%) on 05-16-25 (SV503393a.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported samples.

Laboratory Control Sample: The percent recovery for hexachloroethane was above QC limits for aqueous sample BE51033-BS2. Positive results for hexachloroethane should be considered estimated, biased high (J+) in the associated aqueous samples.

Compound ID: Checked compound results were within GC quantitation limits.

* - This data is not applicable to the soil samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE51033	Laboratory ID:	BE51033-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.610	61.0	25 - 116
Acenaphthylene	1.00	0.650	65.0	26 - 116
Anthracene	1.00	0.630	63.0	25 - 123
Benzo(a)anthracene	1.00	0.750	75.0	33 - 125
Benzo(a)pyrene	1.00	0.740	74.0	32 - 132
Benzo(b)fluoranthene	1.00	0.770	77.0	22 - 137
Benzo(g,h,i)perylene	1.00	0.850	85.0	10 - 138
Benzo(k)fluoranthene	1.00	0.770	77.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	0.780	78.0	10 - 189
Chrysene	1.00	0.790	79.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.820	82.0	16 - 133
Fluoranthene	1.00	0.780	78.0	32 - 121
Fluorene	1.00	0.660	66.0	28 - 118
Hexachlorobenzene	1.00	0.670	67.0	23 - 124
Hexachlorobutadiene	1.00	0.460	46.0	15 - 123
Hexachloroethane	1.00	2.65	265 *	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.820	82.0	15 - 135
Naphthalene	1.00	0.590	59.0	18 - 120
Nitrobenzene	1.00	0.330	33.0	21 - 121
N-Nitrosodimethylamine	1.00	0.250	25.0	10 - 124
Pentachlorophenol	1.00	0.700	70.0	10 - 156
Phenanthrene	1.00	0.680	68.0	24 - 127
Pyrene	1.00	0.730	73.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	BNA #5	Calibration:	SE50022
Lab File ID:	SV503393a.D	Calibration Date:	05/15/25 13:44
Sequence:	S5E1924	Injection Date:	05/16/25
Lab Sample ID:	S5E1924-CCV1	Injection Time:	08:45

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acenaphthene	A	1.00	1.23	0.786162	0.9665274		22.9	30
Acenaphthylene	A	1.00	1.22	1.18648	1.446817		21.9	30
Anthracene	A	1.00	1.25	0.7306351	0.9136147		25.0	30
Atrazine	A	2.50	2.73	0.188913	0.2062107		9.2	30
Benzo(a)anthracene	A	1.00	1.15	0.9077941	1.043918		15.0	30
Benzo(a)pyrene	A	1.00	1.21	0.7389041	0.8931631		20.9	30
Benzo(b)fluoranthene	A	1.00	1.26	0.8339895	1.050343		25.9	30
Benzo(g,h,i)perylene	A	1.00	1.21	0.7230054	0.8735508		20.8	30
Benzo(k)fluoranthene	A	1.00	1.28	0.8733186	1.118667		28.1	30
Bis(2-ethylhexyl)phthalate	A	2.50	2.83	0.5979314	0.6764744		13.1	30
Chrysene	A	1.00	1.23	0.8256281	1.015914		23.0	30
Dibenzo(a,h)anthracene	A	1.00	1.18	0.7830056	0.9257495		18.2	30
Fluoranthene	A	1.00	1.21	0.8618862	1.044828		21.2	30
Fluorene	A	1.00	1.20	0.9878653	1.189266		20.4	30
Hexachlorobenzene	A	0.100	0.110	0.1547656	0.1662249		7.4	30
Hexachlorobutadiene	A	2.50	2.83	0.1795482	0.2031012		13.1	30
Hexachloroethane	A	2.50	2.92	4.748835E-02	5.543844E-02		16.7	30
Indeno(1,2,3-cd)pyrene	A	1.00	1.19	0.9187671	1.096118		19.3	30
Naphthalene	A	1.00	1.28	0.7447727	0.9499043		27.5	30
Nitrobenzene	A	2.50	1.47	0.736001	0.8666311		17.7	30
N-Nitrosodimethylamine	A	2.50	2.97	0.3409328	0.4043884		18.6	30
Pentachlorophenol	A	1.50	1.77	8.044589E-02	9.517512E-02		18.3	30
Phenanthrene	A	1.00	1.23	0.7434096	0.9154343		23.1	30
Pyrene	A	1.00	1.26	0.8780269	1.106911		26.1	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane Data
for York Analytical Laboratories, Inc., SDG: 25E0288

19 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 6, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analyses of the method and field blanks reported 1,4-dioxane as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for 1,4-dioxane were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD samples 25SB-1 (0-2) and 25SB-8 (0-2).

Laboratory Control Sample: The percent recoveries for 1,4-dioxane were within QC limits for soil samples BE50818-BS1, BE50933-BS1, and BE51061-BS1 and aqueous sample BE51509-BS1.

Field Duplicates: The analyses of soil field duplicate pair 25SB-7 (0-2)/25SB-DUP-3 (0-2) reported 1,4-dioxane as not detected; therefore, a valid relative percent difference could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogate results were within quantitation limits. The analyses of the soil samples reported 1,4-dioxane as not detected.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Pesticide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8081B Pesticide Data for
York Analytical Laboratories, Inc., SDG: 25E0288

19 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 6, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target pesticides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both column for the soil samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits on both columns for soil MS/MSD sample 25SB-1 (0-2).

The %Rs for target pesticides were within QC limits, but the RPDs for 4,4'-DDT, delta-BHC, and methoxychlor on one or both columns for soil MS/MSD sample 25SB-8 (0-2). Sample 25SB-8 (0-2) reported these pesticides as "not detected"; therefore, no action is taken.

Laboratory Control Sample: The percent recoveries (%Rs) for target pesticides were within QC limits on both columns for soil samples BE50950-BS1 and BE51052-BS1, and aqueous sample BE50836-BS1.

Field Duplicates: The analyses of soil field duplicate pair 25SB-7 (0-2)/25SB-DUP-3 (0-2) reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The %RSDs for target pesticides were below the allowable maximum (20%) or the Quad CODs were above the allowable minimum (0.99) for both columns, as required.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Continuing Calibration: The %D for total chlordane was above the allowable maximum (20%) for the primary column on 05-14-25 (P7039541.D). The %Ds for 12 pesticides (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) for the primary column on 05-14-25 (P7039554.D). The %D for delta-BHC was above the allowable maximum (20%) for the secondary column on 05-14-25 (P7039554.D). The %Ds for alpha-BHC, beta-BHC, delta-BHC, and gamma-BHC were above the allowable maximum (20%) for the primary column on 05-15-25 (P7039579.D). The %D for total chlordane was above the allowable maximum (20%) for the primary column on 05-15-25 (P7039599.D). The %Ds for alpha-BHC, beta-BHC, delta-BHC, gamma-BHC, and heptachlor were above the allowable maximum (20%) for the primary column on 05-16-25 (P7039658.D). Positive results for these pesticides should be considered estimated (J) in associated samples.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (15%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: Checked surrogates were within GC quantitation limits. The analyses of the soil samples reported target single component pesticides as not detected.

Pesticide Identification Summary for Multicomponent Analytes: The analyses of the soil samples reported target multi-component pesticides as not detected.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8081B

25SB-8 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE51052
Laboratory ID: BE51052-MS1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 10 mL
Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
4,4'-DDD	0.0347	ND	0.0303	87.3	30 - 150
4,4'-DDD [2C]	0.0347	ND	0.0297	85.5	30 - 150
4,4'-DDE	0.0347	ND	0.0258	74.3	30 - 150
4,4'-DDE [2C]	0.0347	ND	0.0239	68.9	30 - 150
4,4'-DDT	0.0347	ND	0.0154	44.4	30 - 150
4,4'-DDT [2C]	0.0347	ND	0.0133	38.4	30 - 150
Aldrin	0.0347	ND	0.0286	82.5	30 - 150
Aldrin [2C]	0.0347	ND	0.0236	67.9	30 - 150
alpha-BHC	0.0347	ND	0.0297	85.6	30 - 150
alpha-BHC [2C]	0.0347	ND	0.0212	61.0	30 - 150
alpha-Chlordane	0.0347	ND	0.0275	79.1	30 - 150
alpha-Chlordane [2C]	0.0347	ND	0.0238	68.4	30 - 150
beta-BHC	0.0347	ND	0.0328	94.4	30 - 150
beta-BHC [2C]	0.0347	ND	0.0274	79.1	30 - 150
delta-BHC	0.0347	ND	0.0330	95.1	30 - 150
delta-BHC [2C]	0.0347	ND	0.0264	76.1	30 - 150
Dieldrin	0.0347	ND	0.0273	78.7	30 - 150
Dieldrin [2C]	0.0347	ND	0.0240	69.2	30 - 150
Endosulfan I	0.0347	ND	0.0290	83.6	30 - 150
Endosulfan I [2C]	0.0347	ND	0.0252	72.5	30 - 150
Endosulfan II	0.0347	ND	0.0300	86.4	30 - 150
Endosulfan II [2C]	0.0347	ND	0.0275	79.3	30 - 150
Endosulfan sulfate	0.0347	ND	0.0283	81.6	30 - 150
Endosulfan sulfate [2C]	0.0347	ND	0.0261	75.1	30 - 150
Endrin	0.0347	ND	0.0262	75.5	30 - 150
Endrin [2C]	0.0347	ND	0.0229	65.8	30 - 150
Endrin aldehyde	0.0347	ND	0.0301	86.7	30 - 150
Endrin aldehyde [2C]	0.0347	ND	0.0258	74.3	30 - 150
Endrin ketone	0.0347	ND	0.0258	74.4	30 - 150
Endrin ketone [2C]	0.0347	ND	0.0231	66.4	30 - 150
gamma-BHC (Lindane)	0.0347	ND	0.0291	83.8	30 - 150
gamma-BHC (Lindane) [2C]	0.0347	ND	0.0217	62.5	30 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8081B

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE51052	Laboratory ID:	BE51052-MS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
gamma-Chlordane	0.0347	ND	0.0276	79.4	30 - 150
gamma-Chlordane [2C]	0.0347	ND	0.0234	67.4	30 - 150
Heptachlor	0.0347	ND	0.0261	75.2	30 - 150
Heptachlor [2C]	0.0347	ND	0.0224	64.7	30 - 150
Heptachlor epoxide	0.0347	ND	0.0289	83.1	30 - 150
Heptachlor epoxide [2C]	0.0347	ND	0.0248	71.4	30 - 150
Methoxychlor	0.0347	ND	0.0176	50.8	30 - 150
Methoxychlor [2C]	0.0347	ND	0.0168	48.3	30 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8081B

25SB-8 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE51052
Laboratory ID: BE51052-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 10 mL
Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4,4'-DDD	0.0347	0.0280	80.5	8.11	30	30 - 150
4,4'-DDD [2C]	0.0347	0.0333	96.1	11.7	30	30 - 150
4,4'-DDE	0.0347	0.0268	77.3	3.98	30	30 - 150
4,4'-DDE [2C]	0.0347	0.0299	86.3	22.4	30	30 - 150
4,4'-DDT	0.0347	0.0187	54.0	19.5	30	30 - 150
4,4'-DDT [2C]	0.0347	0.0225	64.8	51.1 *	30	30 - 150
Aldrin	0.0347	0.0231	66.6	21.3	30	30 - 150
Aldrin [2C]	0.0347	0.0254	73.0	7.36	30	30 - 150
alpha-BHC	0.0347	0.0224	64.6	27.9	30	30 - 150
alpha-BHC [2C]	0.0347	0.0258	74.5	19.9	30	30 - 150
alpha-Chlordane	0.0347	0.0251	72.3	9.05	30	30 - 150
alpha-Chlordane [2C]	0.0347	0.0269	77.5	12.5	30	30 - 150
beta-BHC	0.0347	0.0248	71.4	27.7	30	30 - 150
beta-BHC [2C]	0.0347	0.0287	82.7	4.49	30	30 - 150
delta-BHC	0.0347	0.0220	63.4	40.0 *	30	30 - 150
delta-BHC [2C]	0.0347	0.0250	71.9	5.67	30	30 - 150
Dieldrin	0.0347	0.0244	70.2	11.4	30	30 - 150
Dieldrin [2C]	0.0347	0.0278	80.0	14.5	30	30 - 150
Endosulfan I	0.0347	0.0249	71.7	15.4	30	30 - 150
Endosulfan I [2C]	0.0347	0.0282	81.3	11.3	30	30 - 150
Endosulfan II	0.0347	0.0267	77.0	11.5	30	30 - 150
Endosulfan II [2C]	0.0347	0.0324	93.4	16.3	30	30 - 150
Endosulfan sulfate	0.0347	0.0247	71.1	13.7	30	30 - 150
Endosulfan sulfate [2C]	0.0347	0.0282	81.3	7.86	30	30 - 150
Endrin	0.0347	0.0250	72.0	4.66	30	30 - 150
Endrin [2C]	0.0347	0.0284	81.8	21.6	30	30 - 150
Endrin aldehyde	0.0347	0.0267	76.9	12.0	30	30 - 150
Endrin aldehyde [2C]	0.0347	0.0292	84.2	12.5	30	30 - 150
Endrin ketone	0.0347	0.0242	69.8	6.36	30	30 - 150
Endrin ketone [2C]	0.0347	0.0269	77.6	15.5	30	30 - 150
gamma-BHC (Lindane)	0.0347	0.0216	62.3	29.5	30	30 - 150
gamma-BHC (Lindane) [2C]	0.0347	0.0258	74.2	17.1	30	30 - 150
gamma-Chlordane	0.0347	0.0248	71.3	10.7	30	30 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8081B

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE51052	Laboratory ID:	BE51052-MSD1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-Chlordane [2C]	0.0347	0.0270	77.7	14.2	30	30 - 150
Heptachlor	0.0347	0.0217	62.5	18.6	30	30 - 150
Heptachlor [2C]	0.0347	0.0245	70.5	8.61	30	30 - 150
Heptachlor epoxide	0.0347	0.0246	70.8	16.0	30	30 - 150
Heptachlor epoxide [2C]	0.0347	0.0264	75.9	6.17	30	30 - 150
Methoxychlor	0.0347	0.0251	72.3	34.9 *	30	30 - 150
Methoxychlor [2C]	0.0347	0.0268	77.2	46.1 *	30	30 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039541.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1528	Injection Date:	05/14/25
Lab Sample ID:	S5E1528-CCV2	Injection Time:	19:56

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane, total	A	1000	1230	3040543	3464633		23.4	20 *
Chlordane, total [2C]	A	1000	860	8469017	7288067		-14.0	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039554.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1528	Injection Date:	05/14/25
Lab Sample ID:	S5E1528-CCV4	Injection Time:	23:42

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4,4'-DDD	A	50.0	60.4	2.184794E+07	2.941E+07		20.9	20 *
4,4'-DDD [2C]	A	50.0	52.4	7.745723E+07	7.8824E+07		4.8	20
4,4'-DDE	A	50.0	57.6	2.461848E+07	3.239E+07		15.3	20
4,4'-DDE [2C]	A	50.0	52.1	9.758929E+07	1.07328E+08		4.3	20
4,4'-DDT	A	50.0	49.8	2.271917E+07	2.566E+07		-0.5	20
4,4'-DDT [2C]	A	50.0	43.1	7.615249E+07	7.1638E+07		-13.8	20
Aldrin	A	50.0	64.8	2.775521E+07	3.9082E+07		29.7	20 *
Aldrin [2C]	A	50.0	54.3	1.05626E+08	1.24002E+08		8.6	20
alpha-BHC	A	50.0	68.6	2.810082E+07	4.3298E+07		37.2	20 *
alpha-BHC [2C]	A	50.0	51.0	1.258471E+08	1.50688E+08		1.9	20
alpha-Chlordane	A	50.0	60.1	2.746499E+07	3.466E+07		20.3	20 *
alpha-Chlordane [2C]	A	50.0	52.8	1.020132E+08	1.1058E+08		5.6	20
beta-BHC	A	50.0	70.9	1.242262E+07	1.5502E+07		41.8	20 *
beta-BHC [2C]	A	50.0	58.2	5.289692E+07	5.2788E+07		16.4	20
delta-BHC	A	50.0	75.9	2.518083E+07	3.8694E+07		51.8	20 *
delta-BHC [2C]	A	50.0	60.8	1.064157E+08	1.31956E+08		21.6	20 *
Dieldrin	A	50.0	59.9	2.800974E+07	3.6066E+07		19.8	20
Dieldrin [2C]	A	50.0	54.1	9.963262E+07	1.1442E+08		8.2	20
Endosulfan I	A	50.0	61.6	2.528314E+07	3.1944E+07		23.2	20 *
Endosulfan I [2C]	A	50.0	53.1	9.325989E+07	9.5976E+07		6.2	20
Endosulfan II	A	50.0	59.1	2.420524E+07	2.7748E+07		18.2	20
Endosulfan II [2C]	A	50.0	53.8	9.103454E+07	8.9056E+07		7.5	20
Endosulfan sulfate	A	50.0	59.8	2.488581E+07	2.768E+07		19.6	20
Endosulfan sulfate [2C]	A	50.0	54.7	8.444262E+07	8.5106E+07		9.3	20
Endrin	A	50.0	59.2	2.517575E+07	3.2324E+07		18.4	20
Endrin [2C]	A	50.0	52.0	8.365401E+07	9.5758E+07		3.9	20
Endrin aldehyde	A	50.0	63.2	2.05769E+07	2.076E+07		26.4	20 *
Endrin aldehyde [2C]	A	50.0	57.2	6.927807E+07	6.6286E+07		14.3	20
Endrin ketone	A	50.0	56.1	2.850726E+07	3.0484E+07		12.1	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039554.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1528	Injection Date:	05/14/25
Lab Sample ID:	S5E1528-CCV4	Injection Time:	23:42

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endrin ketone [2C]	A	50.0	50.5	9.152917E+07	8.9792E+07		1.0	20	
gamma-BHC (Lindane)	A	50.0	68.1	2.588258E+07	3.8752E+07		36.2	20	*
gamma-BHC (Lindane) [2C]	A	50.0	52.3	1.109909E+08	1.31804E+08		4.6	20	
gamma-Chlordane	A	50.0	61.0	2.737971E+07	3.5812E+07		21.9	20	*
gamma-Chlordane [2C]	A	50.0	52.8	1.042658E+08	1.14472E+08		5.6	20	
Heptachlor	A	50.0	64.5	2.756628E+07	3.7676E+07		29.0	20	*
Heptachlor [2C]	A	50.0	53.0	1.021474E+08	1.08848E+08		6.1	20	
Heptachlor epoxide	A	50.0	62.3	2.575345E+07	3.32E+07		24.5	20	*
Heptachlor epoxide [2C]	A	50.0	53.4	9.114974E+07	1.01524E+08		6.9	20	
Methoxychlor	A	50.0	46.7	1.384338E+07	1.244E+07		-6.7	20	
Methoxychlor [2C]	A	50.0	43.1	4.179931E+07	3.4912E+07		-13.8	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039579.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1528	Injection Date:	05/15/25
Lab Sample ID:	S5E1528-CCV5	Injection Time:	09:51

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4,4'-DDD	A	50.0	51.6	2.184794E+07	2.4988E+07		3.3	20	
4,4'-DDD [2C]	A	50.0	45.9	7.745723E+07	6.8442E+07		-8.3	20	
4,4'-DDE	A	50.0	51.2	2.461848E+07	2.869E+07		2.4	20	
4,4'-DDE [2C]	A	50.0	47.8	9.758929E+07	9.8374E+07		-4.3	20	
4,4'-DDT	A	50.0	50.6	2.271917E+07	2.6108E+07		1.2	20	
4,4'-DDT [2C]	A	50.0	46.0	7.615249E+07	7.6584E+07		-8.0	20	
Aldrin	A	50.0	59.6	2.775521E+07	3.5844E+07		19.2	20	
Aldrin [2C]	A	50.0	50.7	1.05626E+08	1.15736E+08		1.4	20	
alpha-BHC	A	50.0	63.7	2.810082E+07	4.0086E+07		27.5	20	*
alpha-BHC [2C]	A	50.0	47.9	1.258471E+08	1.41726E+08		-4.2	20	
alpha-Chlordane	A	50.0	54.6	2.746499E+07	3.1382E+07		9.2	20	
alpha-Chlordane [2C]	A	50.0	49.1	1.020132E+08	1.02576E+08		-1.8	20	
beta-BHC	A	50.0	65.3	1.242262E+07	1.42E+07		30.5	20	*
beta-BHC [2C]	A	50.0	54.6	5.289692E+07	4.9344E+07		9.1	20	
delta-BHC	A	50.0	68.5	2.518083E+07	3.4618E+07		37.0	20	*
delta-BHC [2C]	A	50.0	56.3	1.064157E+08	1.2142E+08		12.6	20	
Dieldrin	A	50.0	54.5	2.800974E+07	3.2712E+07		8.9	20	
Dieldrin [2C]	A	50.0	51.0	9.963262E+07	1.07802E+08		2.0	20	
Endosulfan I	A	50.0	56.4	2.528314E+07	2.9222E+07		12.8	20	
Endosulfan I [2C]	A	50.0	49.5	9.325989E+07	8.9482E+07		-1.0	20	
Endosulfan II	A	50.0	53.3	2.420524E+07	2.4988E+07		6.6	20	
Endosulfan II [2C]	A	50.0	50.2	9.103454E+07	8.3168E+07		0.4	20	
Endosulfan sulfate	A	50.0	53.7	2.488581E+07	2.4788E+07		7.5	20	
Endosulfan sulfate [2C]	A	50.0	51.7	8.444262E+07	8.0356E+07		3.4	20	
Endrin	A	50.0	51.9	2.517575E+07	2.8276E+07		3.8	20	
Endrin [2C]	A	50.0	47.3	8.365401E+07	8.7292E+07		-5.3	20	
Endrin aldehyde	A	50.0	55.5	2.05769E+07	1.8106E+07		11.0	20	
Endrin aldehyde [2C]	A	50.0	52.2	6.927807E+07	6.0432E+07		4.5	20	
Endrin ketone	A	50.0	52.1	2.850726E+07	2.8278E+07		4.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039579.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1528	Injection Date:	05/15/25
Lab Sample ID:	S5E1528-CCV5	Injection Time:	09:51

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endrin ketone [2C]	A	50.0	49.5	9.152917E+07	8.799E+07		-1.0	20	
gamma-BHC (Lindane)	A	50.0	63.1	2.588258E+07	3.5762E+07		26.2	20	*
gamma-BHC (Lindane) [2C]	A	50.0	49.9	1.109909E+08	1.2558E+08		-0.3	20	
gamma-Chlordane	A	50.0	55.2	2.737971E+07	3.2314E+07		10.4	20	
gamma-Chlordane [2C]	A	50.0	49.5	1.042658E+08	1.0703E+08		-1.1	20	
Heptachlor	A	50.0	59.1	2.756628E+07	3.443E+07		18.1	20	
Heptachlor [2C]	A	50.0	50.3	1.021474E+08	1.03152E+08		0.6	20	
Heptachlor epoxide	A	50.0	57.0	2.575345E+07	3.0344E+07		14.0	20	
Heptachlor epoxide [2C]	A	50.0	50.3	9.114974E+07	9.5606E+07		0.7	20	
Methoxychlor	A	50.0	48.0	1.384338E+07	1.2806E+07		-4.0	20	
Methoxychlor [2C]	A	50.0	47.2	4.179931E+07	3.8258E+07		-5.6	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039599.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1628	Injection Date:	05/15/25
Lab Sample ID:	S5E1628-CCV2	Injection Time:	16:00

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane, total	A	1000	1250	3040543	3488367		24.7	20 *
Chlordane, total [2C]	A	1000	920	8469017	7780600		-8.0	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039658.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1628	Injection Date:	05/16/25
Lab Sample ID:	S5E1628-CCV7	Injection Time:	09:33

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4,4'-DDD	A	50.0	52.8	2.184794E+07	2.5584E+07		5.7	20	
4,4'-DDD [2C]	A	50.0	50.1	7.745723E+07	7.508E+07		0.1	20	
4,4'-DDE	A	50.0	51.8	2.461848E+07	2.9052E+07		3.7	20	
4,4'-DDE [2C]	A	50.0	51.3	9.758929E+07	1.05508E+08		2.5	20	
4,4'-DDT	A	50.0	53.9	2.271917E+07	2.7904E+07		7.9	20	
4,4'-DDT [2C]	A	50.0	52.2	7.615249E+07	8.7176E+07		4.3	20	
Aldrin	A	50.0	59.6	2.775521E+07	3.585E+07		19.2	20	
Aldrin [2C]	A	50.0	53.6	1.05626E+08	1.22362E+08		7.2	20	
alpha-BHC	A	50.0	63.7	2.810082E+07	4.0056E+07		27.4	20	*
alpha-BHC [2C]	A	50.0	50.6	1.258471E+08	1.49624E+08		1.2	20	
alpha-Chlordane	A	50.0	55.0	2.746499E+07	3.1628E+07		10.1	20	
alpha-Chlordane [2C]	A	50.0	52.4	1.020132E+08	1.0959E+08		4.7	20	
beta-BHC	A	50.0	65.0	1.242262E+07	1.4136E+07		30.0	20	*
beta-BHC [2C]	A	50.0	56.6	5.289692E+07	5.1324E+07		13.3	20	
delta-BHC	A	50.0	66.6	2.518083E+07	3.3608E+07		33.3	20	*
delta-BHC [2C]	A	50.0	58.4	1.064157E+08	1.26306E+08		16.8	20	
Dieldrin	A	50.0	54.6	2.800974E+07	3.2788E+07		9.1	20	
Dieldrin [2C]	A	50.0	53.7	9.963262E+07	1.13468E+08		7.3	20	
Endosulfan I	A	50.0	56.1	2.528314E+07	2.9066E+07		12.2	20	
Endosulfan I [2C]	A	50.0	52.6	9.325989E+07	9.503E+07		5.1	20	
Endosulfan II	A	50.0	53.6	2.420524E+07	2.5148E+07		7.3	20	
Endosulfan II [2C]	A	50.0	53.3	9.103454E+07	8.8298E+07		6.6	20	
Endosulfan sulfate	A	50.0	55.2	2.488581E+07	2.5474E+07		10.3	20	
Endosulfan sulfate [2C]	A	50.0	56.9	8.444262E+07	8.873E+07		13.9	20	
Endrin	A	50.0	55.1	2.517575E+07	3.002E+07		10.1	20	
Endrin [2C]	A	50.0	52.0	8.365401E+07	9.5878E+07		4.0	20	
Endrin aldehyde	A	50.0	55.8	2.05769E+07	1.8194E+07		11.5	20	
Endrin aldehyde [2C]	A	50.0	55.7	6.927807E+07	6.46E+07		11.5	20	
Endrin ketone	A	50.0	52.9	2.850726E+07	2.8742E+07		5.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	PEST7	Calibration:	SC50025
Lab File ID:	P7039658.D	Calibration Date:	03/17/25 13:11
Sequence:	S5E1628	Injection Date:	05/16/25
Lab Sample ID:	S5E1628-CCV7	Injection Time:	09:33

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endrin ketone [2C]	A	50.0	54.2	9.152917E+07	9.6458E+07		8.4	20	
gamma-BHC (Lindane)	A	50.0	63.2	2.588258E+07	3.5842E+07		26.5	20	*
gamma-BHC (Lindane) [2C]	A	50.0	52.2	1.109909E+08	1.31636E+08		4.4	20	
gamma-Chlordane	A	50.0	55.4	2.737971E+07	3.246E+07		10.8	20	
gamma-Chlordane [2C]	A	50.0	52.3	1.042658E+08	1.13456E+08		4.7	20	
Heptachlor	A	50.0	60.9	2.756628E+07	3.552E+07		21.8	20	*
Heptachlor [2C]	A	50.0	53.6	1.021474E+08	1.10106E+08		7.3	20	
Heptachlor epoxide	A	50.0	56.8	2.575345E+07	3.0238E+07		13.7	20	
Heptachlor epoxide [2C]	A	50.0	52.0	9.114974E+07	9.885E+07		4.1	20	
Methoxychlor	A	50.0	52.2	1.384338E+07	1.3948E+07		4.5	20	
Methoxychlor [2C]	A	50.0	54.4	4.179931E+07	4.406E+07		8.8	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8082A PCB Data for
York Analytical Laboratories, Inc., SDG: 25E0288

19 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 6, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both column for the soil samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences (RPDs) for aroclor 1016 and aroclor 1260 were below the allowable maximum and the percent recoveries (%Rs) were within QC limits on both columns for soil MS/MSD sample 25SB-8 (0-2).

The RPDs for aroclor 1016 and aroclor 1260 were below the allowable maximum, but 2 of 2 %Rs for aroclor 1016 were below QC limits, but not below10% on both columns for soil MS/MSD samples 25SB-1 (0-2). The "not detected" result for aroclor 1016 should be considered estimated (UJ) in sample 25SB-1 (0-2).

Laboratory Control Sample: The percent recoveries for aroclor 1016 and aroclor 1260 were within QC limits on both columns for soil samples BE50948-BS2 and BE51050-BS2, and aqueous sample BE50833-BS2.

Field Duplicates: The analyses of soil field duplicate pair 25SB-7 (0-2)/25SB-DUP-3 (0-2) reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The %RSDs for target aroclors were below the allowable maximum (20%) or the Quad CODs were above the allowable minimum (0.99) for both columns, as required.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Continuing Calibration: The average %Ds for target aroclors were below the allowable maximum (20%), as required.

PCB Identification Summary: Checked surrogate results were within GC quantitation limits. The RPD for dual column quantitation of aroclor 1262 in sample 25 SB-14 (0-2) was below the allowable maximum (25%), as required.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8082A

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50948	Laboratory ID:	BE50948-MS2
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Aroclor 1016	0.345	ND	0.0967	28.1 *	40 - 140
Aroclor 1016 [2C]	0.345	ND	0.119	34.5 *	40 - 140
Aroclor 1260	0.345	ND	0.156	45.2	40 - 140
Aroclor 1260 [2C]	0.345	ND	0.192	55.6	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8082A

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50948	Laboratory ID:	BE50948-MSD2
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor 1016	0.345	0.104	30.2	*	7.48	50	40 - 140
Aroclor 1016 [2C]	0.345	0.128	37.0	*	6.99	50	40 - 140
Aroclor 1260	0.345	0.177	51.3		12.6	50	40 - 140
Aroclor 1260 [2C]	0.345	0.219	63.6		13.4	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
York Analytical Laboratories, Inc., SDG: 25E0288

19 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 6, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The Quad COD for applicable PFAS were above the allowable minimum (0.995) and the %RSDs were below the allowable maximum (20%), as required.

Continuing Calibration: The %Ds for PFNS and PFDoS were above the allowable maximum (30%) on 05-08-25 (QQQ53157.d). The %D for PFNS was above the allowable maximum (30%) on 05-12-25 (QQQ53287.d). Positive results for these PFAS should be considered estimated (J) in associated samples.

Blanks: Method blank BE50657-BLK1 contained PFDoS (0.196 ug/kg, PFTA (0.209 ug/kg), and PFTrDA (0.227 ug/kg). Positive results for these PFAS that are below the reporting limit (RL) should be reported as not detected (U) at the reporting limit in associated samples. Positive results for these PFAS that are above the RL and less than ten times the highest blank level should be considered estimated, biased high (J+) in associated samples.

Internal Standard Area Summary: The internal standard retention times were within control limits.

Surrogate Recovery: Two of twenty-four surrogate recoveries for sample 25SB-14 (0-2) were above QC limits. One of twenty-four surrogate recoveries for sample FB-3 was above QC limits. Positive results associated with the surrogate above QC limits should be considered estimated (J) in the samples.

One of twenty-four surrogate recoveries for samples 25SB-15 (0-2), 25SB-1 (11-13), 25SB-14 (4-6), 25SB-11 (0-1.5), 25SB-7 (0-2), 25SB-7 (6-8), 25SB-3 (0-2), 25SB-3 (4-6), 25SB-8 (0-2), and 25SB-DUP-3 (0-2) was below QC limits, but not below 10%. Positive and "not detected" results associated with the surrogate below QC limits should be considered estimated (J, UJ) in the sample.

Two of twenty-four surrogate recoveries for samples 25SB-15 (4-6), 25SB-14 (10-12), and 25SB-3 (11-13) were below QC limits and below 10%. One of twenty-four surrogate recoveries for samples 25SB-15 (0-2), 25SB-15 (10-12), 25SB-1 (0-2), 25SB-1 (2-4),

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

25SB-1 (11-13), 25SB-14 (0-2), 25SB-14 (4-6), 25SB-11 (0-1.5), 25SB-7 (0-2), 25SB-7 (3-5), 25SB-7 (6-8), 25SB-3 (4-6), 25SB-8 (0-2), and FB-3 was below QC limits and below 10%. Positive results associated with the surrogate below QC limits should be considered estimated (J) and "not detected" results rejected, unusable (R) in the sample.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences (RPDs) for FPrPA and PFMPA were above the allowable maximum; 2 of 2 percent recoveries (%Rs) for PFMBA were above QC limits; and 2 of 2 %Rs for PFMPA were below QC limits and one below 10% for soil MS sample 25SB-1 (0-2). The "not detected" result for PFMPA should be considered rejected, unusable (R) in sample 25SB-1 (0-2).

The RPDs for PFMPA was above the allowable maximum; 2 of 2 %Rs for PFMBA were above QC limits; and 2 of 2 %Rs for PFMPA were below QC limits and one below 10% for soil MS sample 25SB-8 (0-2). The "not detected" result for PFMPA should be considered rejected, unusable (R) in sample 25SB-8 (0-2).

Laboratory Control Sample: The percent recoveries (%Rs) for 11CL-PF3OUdS, 9CL-PF3ONS, PFNS, and PFDoS were below QC limits, but not below 10% for soil sample BE50657-BS2. The %R for FPrPA was below QC limits, but not below 10% for soil sample BE50727-BS2. Positive results for these PFAS should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

The %Rs for PFMPA were below QC limits and below 10% for soil samples BE50657-BS2 and BE50727-BS2. Positive results for PFMPA should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated soil samples.

The %Rs for 9CL-PF3ONS, PFDS, and PFDoS were below QC limits, but not below 30% for aqueous sample BE50530-BS2. Positive results for these PFAS should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

The %R for PFMPA was below QC limits and below 30% for aqueous sample BE50530-BS2. Positive results for PFMPA should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

Field Duplicates: The analyses of soil field duplicate pair 25SB-7 (0-2)/25SB-DUP-3 (0-2) reported target PFAS as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogate results were within LC quantitation limits. The analyses of the soil samples reported target PFAS as not detected.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E0835 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
FB-3 (25E0288-22)			Lab File ID: QQQ53177.d		Analyzed: 05/08/25 23:46			
M3PFBS	22.2	120	25 - 150	5.261017	5.288692	-0.0277	+/-1.00	
M5PFHxA	23.9	120	25 - 150	6.111567	6.127733	-0.0162	+/-1.00	
M4PFHpA	23.9	92.3	25 - 150	6.956567	6.91665	0.0399	+/-1.00	
M3PFHxS	22.6	124	25 - 150	7.066617	7.015661	0.0510	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.9	144	25 - 150	7.641933	7.551858	0.0901	+/-1.00	
M6PFDA	11.9	114	25 - 150	8.7446	8.635862	0.1087	+/-1.00	
M7PFUdA	11.9	87.9	25 - 150	9.180767	9.086467	0.0943	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.9	82.6	25 - 150	9.559433	9.484887	0.0745	+/-1.00	
M2PFTeDA	11.9	75.9	10 - 150	10.16602	10.14503	0.0210	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.5	3.73	25 - 150	1.18645	1.191037	-0.0046	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.9	152	25 - 150	8.272833	8.156588	0.1162	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.7	71.7	25 - 150	4.384717	4.40081	-0.0161	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.9	131	10 - 150	9.314867	9.234681	0.0802	+/-1.00	
d3-N-MeFOSAA	47.7	83.0	25 - 150	8.947733	8.842819	0.1049	+/-1.00	
d5-N-EtFOSAA	47.7	91.7	25 - 150	9.170517	9.069258	0.1013	+/-1.00	
M2-6:2 FTS	45.4	99.3	25 - 200	7.584784	7.499358	0.0854	+/-1.00	
M2-8:2 FTS	45.8	75.5	25 - 200	8.715966	8.608047	0.1079	+/-1.00	
M9PFNA	11.9	125	25 - 150	8.237166	8.124177	0.1130	+/-1.00	
M2-4:2 FTS	44.8	109	25 - 150	6.036467	6.058031	-0.0216	+/-1.00	
d-N-MeFOSA	23.9	94.2	25 - 150	10.10008	10.06877	0.0313	+/-1.00	
d-N-EtFOSA	23.9	88.8	25 - 150	10.35585	10.34068	0.0152	+/-1.00	
M3HFPO-DA	95.5	114	25 - 150	6.41115	6.405367	0.0058	+/-1.00	
d9-N-EtFOSE	239	90.0	25 - 150	10.31645	10.30358	0.0129	+/-1.00	
d7-N-MeFOSE	239	108	25 - 150	10.07727	10.04137	0.0359	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-DUP-3 (0-2) (25E0288-21)			Lab File ID: QQQ53297.d		Analyzed: 05/12/25 23:20			
M3PFBS	2.46	116	25 - 150	5.233333	5.288692	-0.0554	+/-1.00	
M5PFHxA	2.64	125	25 - 150	6.093083	6.127733	-0.0347	+/-1.00	
M4PFHpA	2.64	95.9	25 - 150	6.937467	6.91665	0.0208	+/-1.00	
M3PFHxS	2.50	106	25 - 150	7.048133	7.015661	0.0325	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.64	123	25 - 150	7.604067	7.551858	0.0522	+/-1.00	
M6PFDA	1.32	95.5	25 - 150	8.716817	8.635862	0.0810	+/-1.00	
M7PFUdA	1.32	78.9	25 - 150	9.162233	9.086467	0.0758	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.32	71.5	25 - 150	9.550183	9.484887	0.0653	+/-1.00	
M2PFTeDA	1.32	75.4	10 - 150	10.18445	10.14503	0.0394	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.6	17.5	25 - 150	1.195633	1.191037	0.0046	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.53	128	25 - 150	8.235383	8.156588	0.0788	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.28	80.1	25 - 150	4.366333	4.40081	-0.0345	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.64	107	10 - 150	9.3427	9.234681	0.1080	+/-1.00	
d3-N-MeFOSAA	5.28	88.5	25 - 150	8.929183	8.842819	0.0864	+/-1.00	
d5-N-EtFOSAA	5.28	96.3	25 - 150	9.151783	9.069258	0.0825	+/-1.00	
M2-6:2 FTS	5.02	96.6	25 - 200	7.556933	7.499358	0.0576	+/-1.00	
M2-8:2 FTS	5.07	96.0	25 - 200	8.688167	8.608047	0.0801	+/-1.00	
M9PFNA	1.32	113	25 - 150	8.198983	8.124177	0.0748	+/-1.00	
M2-4:2 FTS	4.95	101	25 - 150	6.027233	6.058031	-0.0308	+/-1.00	
d-N-MeFOSA	2.64	55.4	25 - 150	10.1001	10.06877	0.0313	+/-1.00	
d-N-EtFOSA	2.64	45.0	25 - 150	10.37428	10.34068	0.0336	+/-1.00	
M3HFPO-DA	10.6	115	25 - 150	6.392633	6.405367	-0.0127	+/-1.00	
d9-N-EtFOSE	26.4	56.3	25 - 150	10.32567	10.30358	0.0221	+/-1.00	
d7-N-MeFOSE	26.4	66.4	25 - 150	10.07728	10.04137	0.0359	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-15 (0-2) (25E0288-01)			Lab File ID: QQQ53322.d		Analyzed: 05/13/25 06:03			
M3PFBS	2.37	102	25 - 150	5.242567	5.288692	-0.0461	+/-1.00	
M5PFHxA	2.54	96.9	25 - 150	6.120817	6.127733	-0.0069	+/-1.00	
M4PFHpA	2.54	82.9	25 - 150	6.947317	6.91665	0.0307	+/-1.00	
M3PFHxS	2.41	114	25 - 150	7.04815	7.015661	0.0325	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.54	113	25 - 150	7.576233	7.551858	0.0244	+/-1.00	
M6PFDA	1.27	89.3	25 - 150	8.624133	8.635862	-0.0117	+/-1.00	
M7PFUdA	1.27	82.1	25 - 150	9.060083	9.086467	-0.0264	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.27	76.5	25 - 150	9.4481	9.484887	-0.0368	+/-1.00	
M2PFTeDA	1.27	62.1	10 - 150	10.08298	10.14503	-0.0621	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.2	5.58	25 - 150	1.18645	1.191037	-0.0046	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.43	118	25 - 150	8.1603	8.156588	0.0037	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.08	22.6	25 - 150	4.36635	4.40081	-0.0345	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.54	74.0	10 - 150	9.249967	9.234681	0.0153	+/-1.00	
d3-N-MeFOSAA	5.08	74.6	25 - 150	8.8266	8.842819	-0.0162	+/-1.00	
d5-N-EtFOSAA	5.08	81.9	25 - 150	9.049566	9.069258	-0.0197	+/-1.00	
M2-6:2 FTS	4.83	92.2	25 - 200	7.519467	7.499358	0.0201	+/-1.00	
M2-8:2 FTS	4.88	74.0	25 - 200	8.586233	8.608047	-0.0218	+/-1.00	
M9PFNA	1.27	93.2	25 - 150	8.124184	8.124177	0.0000	+/-1.00	
M2-4:2 FTS	4.77	94.7	25 - 150	6.045717	6.058031	-0.0123	+/-1.00	
d-N-MeFOSA	2.54	40.5	25 - 150	10.01713	10.06877	-0.0516	+/-1.00	
d-N-EtFOSA	2.54	34.3	25 - 150	10.27298	10.34068	-0.0677	+/-1.00	
M3HFPO-DA	10.2	95.5	25 - 150	6.41115	6.405367	0.0058	+/-1.00	
d9-N-EtFOSE	25.4	38.9	25 - 150	10.23358	10.30358	-0.0700	+/-1.00	
d7-N-MeFOSE	25.4	42.9	25 - 150	9.985267	10.04137	-0.0561	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-15 (4-6) (25E0288-02)			Lab File ID: QQQ53323.d		Analyzed: 05/13/25 06:19			
M3PFBS	2.42	99.2	25 - 150	5.251783	5.288692	-0.0369	+/-1.00	
M5PFHxA	2.60	111	25 - 150	6.0931	6.127733	-0.0346	+/-1.00	
M4PFHpA	2.60	96.5	25 - 150	6.9097	6.91665	-0.0069	+/-1.00	
M3PFHxS	2.46	119	25 - 150	7.0204	7.015661	0.0047	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.60	116	25 - 150	7.566933	7.551858	0.0151	+/-1.00	
M6PFDA	1.30	109	25 - 150	8.6612	8.635862	0.0253	+/-1.00	
M7PFUdA	1.30	94.3	25 - 150	9.106367	9.086467	0.0199	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.30	77.2	25 - 150	9.5036	9.484887	0.0187	+/-1.00	
M2PFTeDA	1.30	62.7	10 - 150	10.14752	10.14503	0.0025	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.4	1.31	25 - 150	1.18645	1.191037	-0.0046	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.49	123	25 - 150	8.17885	8.156588	0.0223	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.20	8.64	25 - 150	4.393917	4.40081	-0.0069	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.60	102	10 - 150	9.287017	9.234681	0.0523	+/-1.00	
d3-N-MeFOSAA	5.20	85.9	25 - 150	8.873484	8.842819	0.0307	+/-1.00	
d5-N-EtFOSAA	5.20	91.5	25 - 150	9.096117	9.069258	0.0269	+/-1.00	
M2-6:2 FTS	4.94	93.0	25 - 200	7.510167	7.499358	0.0108	+/-1.00	
M2-8:2 FTS	4.99	76.6	25 - 200	8.6233	8.608047	0.0153	+/-1.00	
M9PFNA	1.30	120	25 - 150	8.142734	8.124177	0.0186	+/-1.00	
M2-4:2 FTS	4.88	97.1	25 - 150	6.02725	6.058031	-0.0308	+/-1.00	
d-N-MeFOSA	2.60	51.8	25 - 150	10.06322	10.06877	-0.0056	+/-1.00	
d-N-EtFOSA	2.60	50.5	25 - 150	10.31903	10.34068	-0.0217	+/-1.00	
M3HFPO-DA	10.4	99.8	25 - 150	6.383383	6.405367	-0.0220	+/-1.00	
d9-N-EtFOSE	26.0	43.5	25 - 150	10.28883	10.30358	-0.0147	+/-1.00	
d7-N-MeFOSE	26.0	53.0	25 - 150	10.03118	10.04137	-0.0102	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-15 (10-12) (25E0288-03)			Lab File ID: QQQ53324.d		Analyzed: 05/13/25 06:35			
M3PFBS	2.84	119	25 - 150	5.261	5.288692	-0.0277	+/-1.00	
M5PFHxA	3.04	119	25 - 150	6.139283	6.127733	0.0115	+/-1.00	
M4PFHpA	3.04	95.6	25 - 150	6.9473	6.91665	0.0307	+/-1.00	
M3PFHxS	2.88	123	25 - 150	7.048133	7.015661	0.0325	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.04	127	25 - 150	7.566933	7.551858	0.0151	+/-1.00	
M6PFDA	1.52	116	25 - 150	8.614866	8.635862	-0.0210	+/-1.00	
M7PFUdA	1.52	92.0	25 - 150	9.050667	9.086467	-0.0358	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.52	68.2	25 - 150	9.4481	9.484887	-0.0368	+/-1.00	
M2PFTeDA	1.52	71.1	10 - 150	10.08298	10.14503	-0.0621	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.2	6.80	25 - 150	1.213983	1.191037	0.0229	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.92	141	25 - 150	8.150416	8.156588	-0.0062	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.09	76.9	25 - 150	4.384717	4.40081	-0.0161	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.04	131	10 - 150	9.240684	9.234681	0.0060	+/-1.00	
d3-N-MeFOSAA	6.09	82.1	25 - 150	8.817317	8.842819	-0.0255	+/-1.00	
d5-N-EtFOSAA	6.09	84.4	25 - 150	9.0403	9.069258	-0.0290	+/-1.00	
M2-6:2 FTS	5.79	96.1	25 - 200	7.51945	7.499358	0.0201	+/-1.00	
M2-8:2 FTS	5.84	73.6	25 - 200	8.586233	8.608047	-0.0218	+/-1.00	
M9PFNA	1.52	113	25 - 150	8.1149	8.124177	-0.0093	+/-1.00	
M2-4:2 FTS	5.71	96.7	25 - 150	6.064183	6.058031	0.0062	+/-1.00	
d-N-MeFOSA	3.04	89.5	25 - 150	10.0079	10.06877	-0.0609	+/-1.00	
d-N-EtFOSA	3.04	71.6	25 - 150	10.26377	10.34068	-0.0769	+/-1.00	
M3HFPO-DA	12.2	118	25 - 150	6.429667	6.405367	0.0243	+/-1.00	
d9-N-EtFOSE	30.4	67.4	25 - 150	10.22437	10.30358	-0.0792	+/-1.00	
d7-N-MeFOSE	30.4	74.0	25 - 150	9.97605	10.04137	-0.0653	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-1 (0-2) (25E0288-04)			Lab File ID: QQQ53325.d		Analyzed: 05/13/25 06:51			
M3PFBS	2.41	112	25 - 150	5.251783	5.288692	-0.0369	+/-1.00	
M5PFHxA	2.58	113	25 - 150	6.0931	6.127733	-0.0346	+/-1.00	
M4PFHpA	2.58	85.6	25 - 150	6.918983	6.91665	0.0023	+/-1.00	
M3PFHxS	2.45	104	25 - 150	7.020417	7.015661	0.0048	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.58	123	25 - 150	7.57625	7.551858	0.0244	+/-1.00	
M6PFDA	1.29	99.5	25 - 150	8.67975	8.635862	0.0439	+/-1.00	
M7PFUdA	1.29	82.7	25 - 150	9.12495	9.086467	0.0385	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.29	62.1	25 - 150	9.512867	9.484887	0.0280	+/-1.00	
M2PFTeDA	1.29	55.9	10 - 150	10.15683	10.14503	0.0118	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.3	5.51	25 - 150	1.177267	1.191037	-0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.47	116	25 - 150	8.19745	8.156588	0.0409	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.17	54.9	25 - 150	4.384717	4.40081	-0.0161	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.58	75.0	10 - 150	9.305567	9.234681	0.0709	+/-1.00	
d3-N-MeFOSAA	5.17	67.6	25 - 150	8.882783	8.842819	0.0400	+/-1.00	
d5-N-EtFOSAA	5.17	76.7	25 - 150	9.1147	9.069258	0.0454	+/-1.00	
M2-6:2 FTS	4.91	77.2	25 - 200	7.519467	7.499358	0.0201	+/-1.00	
M2-8:2 FTS	4.96	60.0	25 - 200	8.64185	8.608047	0.0338	+/-1.00	
M9PFNA	1.29	99.3	25 - 150	8.16185	8.124177	0.0377	+/-1.00	
M2-4:2 FTS	4.85	90.6	25 - 150	6.02725	6.058031	-0.0308	+/-1.00	
d-N-MeFOSA	2.58	37.8	25 - 150	10.07245	10.06877	0.0037	+/-1.00	
d-N-EtFOSA	2.58	25.3	25 - 150	10.33747	10.34068	-0.0032	+/-1.00	
M3HFPO-DA	10.3	103	25 - 150	6.383383	6.405367	-0.0220	+/-1.00	
d9-N-EtFOSE	25.8	30.0	25 - 150	10.30727	10.30358	0.0037	+/-1.00	
d7-N-MeFOSE	25.8	37.9	25 - 150	10.04042	10.04137	-0.0010	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-1 (2-4) (25E0288-05)			Lab File ID: QQQ53328.d		Analyzed: 05/13/25 07:39			
M3PFBS	2.37	123	25 - 150	5.251783	5.288692	-0.0369	+/-1.00	
M5PFHxA	2.54	126	25 - 150	6.093083	6.127733	-0.0347	+/-1.00	
M4PFHpA	2.54	99.6	25 - 150	6.9097	6.91665	-0.0069	+/-1.00	
M3PFHxS	2.41	116	25 - 150	7.01115	7.015661	-0.0045	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.54	120	25 - 150	7.557667	7.551858	0.0058	+/-1.00	
M6PFDA	1.27	95.5	25 - 150	8.6334	8.635862	-0.0025	+/-1.00	
M7PFUdA	1.27	79.6	25 - 150	9.0786	9.086467	-0.0079	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.27	63.6	25 - 150	9.466583	9.484887	-0.0183	+/-1.00	
M2PFTeDA	1.27	68.4	10 - 150	10.1014	10.14503	-0.0436	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.2	5.61	25 - 150	1.149733	1.191037	-0.0413	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.43	112	25 - 150	8.160283	8.156588	0.0037	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.08	35.5	25 - 150	4.384717	4.40081	-0.0161	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.54	92.7	10 - 150	9.259216	9.234681	0.0245	+/-1.00	
d3-N-MeFOSAA	5.08	61.6	25 - 150	8.845634	8.842819	0.0028	+/-1.00	
d5-N-EtFOSAA	5.08	68.3	25 - 150	9.068334	9.069258	-0.0009	+/-1.00	
M2-6:2 FTS	4.83	93.7	25 - 200	7.5009	7.499358	0.0015	+/-1.00	
M2-8:2 FTS	4.88	62.2	25 - 200	8.604767	8.608047	-0.0033	+/-1.00	
M9PFNA	1.27	108	25 - 150	8.124184	8.124177	0.0000	+/-1.00	
M2-4:2 FTS	4.77	104	25 - 150	6.027233	6.058031	-0.0308	+/-1.00	
d-N-MeFOSA	2.54	59.9	25 - 150	10.01712	10.06877	-0.0517	+/-1.00	
d-N-EtFOSA	2.54	48.4	25 - 150	10.29138	10.34068	-0.0493	+/-1.00	
M3HFPO-DA	10.2	122	25 - 150	6.383367	6.405367	-0.0220	+/-1.00	
d9-N-EtFOSE	25.4	46.3	25 - 150	10.25198	10.30358	-0.0516	+/-1.00	
d7-N-MeFOSE	25.4	54.2	25 - 150	10.00352	10.04137	-0.0379	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-1 (11-13) (25E0288-06)			Lab File ID: QQQ53329.d		Analyzed: 05/13/25 07:55			
M3PFBS	2.40	105	25 - 150	5.261034	5.288692	-0.0277	+/-1.00	
M5PFHxA	2.57	110	25 - 150	6.111583	6.127733	-0.0161	+/-1.00	
M4PFHpA	2.57	85.5	25 - 150	6.9375	6.91665	0.0209	+/-1.00	
M3PFHxS	2.44	109	25 - 150	7.038917	7.015661	0.0233	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.57	113	25 - 150	7.566967	7.551858	0.0151	+/-1.00	
M6PFDA	1.29	103	25 - 150	8.633417	8.635862	-0.0024	+/-1.00	
M7PFUdA	1.29	82.7	25 - 150	9.078633	9.086467	-0.0078	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.29	77.6	25 - 150	9.466617	9.484887	-0.0183	+/-1.00	
M2PFTeDA	1.29	76.0	10 - 150	10.11065	10.14503	-0.0344	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.3	2.07	25 - 150	1.195633	1.191037	0.0046	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.47	107	25 - 150	8.1696	8.156588	0.0130	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.15	10.3	25 - 150	4.393933	4.40081	-0.0069	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.57	94.1	10 - 150	9.259233	9.234681	0.0246	+/-1.00	
d3-N-MeFOSAA	5.15	68.9	25 - 150	8.835883	8.842819	-0.0069	+/-1.00	
d5-N-EtFOSAA	5.15	71.1	25 - 150	9.06835	9.069258	-0.0009	+/-1.00	
M2-6:2 FTS	4.90	87.0	25 - 200	7.519467	7.499358	0.0201	+/-1.00	
M2-8:2 FTS	4.94	64.1	25 - 200	8.604783	8.608047	-0.0033	+/-1.00	
M9PFNA	1.29	106	25 - 150	8.1242	8.124177	0.0000	+/-1.00	
M2-4:2 FTS	4.83	90.2	25 - 150	6.045733	6.058031	-0.0123	+/-1.00	
d-N-MeFOSA	2.57	67.1	25 - 150	10.02637	10.06877	-0.0424	+/-1.00	
d-N-EtFOSA	2.57	65.8	25 - 150	10.29142	10.34068	-0.0493	+/-1.00	
M3HFPO-DA	10.3	116	25 - 150	6.401917	6.405367	-0.0034	+/-1.00	
d9-N-EtFOSE	25.7	49.8	25 - 150	10.25202	10.30358	-0.0516	+/-1.00	
d7-N-MeFOSE	25.7	58.3	25 - 150	10.00355	10.04137	-0.0378	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E1331
Instrument: LCQQQ
Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-14 (0-2) (25E0288-07)			Lab File ID: QQQ53330.d		Analyzed: 05/13/25 08:11			
M3PFBS	2.42	113	25 - 150	5.261017	5.288692	-0.0277	+/-1.00	
M5PFHxA	2.60	105	25 - 150	6.10235	6.127733	-0.0254	+/-1.00	
M4PFHpA	2.60	85.0	25 - 150	6.918967	6.91665	0.0023	+/-1.00	
M3PFHxS	2.46	123	25 - 150	7.0204	7.015661	0.0047	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.60	122	25 - 150	7.56695	7.551858	0.0151	+/-1.00	
M6PFDA	1.30	124	25 - 150	8.642667	8.635862	0.0068	+/-1.00	
M7PFUdA	1.30	92.3	25 - 150	9.087816	9.086467	0.0013	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.30	77.3	25 - 150	9.4851	9.484887	0.0002	+/-1.00	
M2PFTeDA	1.30	92.7	10 - 150	10.13828	10.14503	-0.0068	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.4	7.71	25 - 150	1.2048	1.191037	0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.49	165	25 - 150	8.169567	8.156588	0.0130	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.20	36.4	25 - 150	4.4123	4.40081	0.0115	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.60	83.6	10 - 150	9.287017	9.234681	0.0523	+/-1.00	
d3-N-MeFOSAA	5.20	117	25 - 150	8.854917	8.842819	0.0121	+/-1.00	
d5-N-EtFOSAA	5.20	121	25 - 150	9.077583	9.069258	0.0083	+/-1.00	
M2-6:2 FTS	4.94	201	25 - 200	7.510183	7.499358	0.0108	+/-1.00	*
M2-8:2 FTS	4.99	171	25 - 200	8.60475	8.608047	-0.0033	+/-1.00	
M9PFNA	1.30	104	25 - 150	8.13345	8.124177	0.0093	+/-1.00	
M2-4:2 FTS	4.88	128	25 - 150	6.036483	6.058031	-0.0215	+/-1.00	
d-N-MeFOSA	2.60	37.1	25 - 150	10.06322	10.06877	-0.0056	+/-1.00	
d-N-EtFOSA	2.60	33.3	25 - 150	10.32823	10.34068	-0.0125	+/-1.00	
M3HFPO-DA	10.4	92.5	25 - 150	6.383383	6.405367	-0.0220	+/-1.00	
d9-N-EtFOSE	26.0	42.3	25 - 150	10.28883	10.30358	-0.0147	+/-1.00	
d7-N-MeFOSE	26.0	45.5	25 - 150	10.0404	10.04137	-0.0010	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-14 (4-6) (25E0288-08)			Lab File ID: QQQ53331.d		Analyzed: 05/13/25 08:27			
M3PFBS	2.64	104	25 - 150	5.242567	5.288692	-0.0461	+/-1.00	
M5PFHxA	2.83	115	25 - 150	6.0931	6.127733	-0.0346	+/-1.00	
M4PFHpA	2.83	99.9	25 - 150	6.909717	6.91665	-0.0069	+/-1.00	
M3PFHxS	2.68	116	25 - 150	7.01115	7.015661	-0.0045	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.83	119	25 - 150	7.55765	7.551858	0.0058	+/-1.00	
M6PFDA	1.41	122	25 - 150	8.642667	8.635862	0.0068	+/-1.00	
M7PFUdA	1.41	101	25 - 150	9.087833	9.086467	0.0014	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.41	82.6	25 - 150	9.47585	9.484887	-0.0090	+/-1.00	
M2PFTeDA	1.41	82.8	10 - 150	10.11987	10.14503	-0.0252	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.3	3.75	25 - 150	1.177267	1.191037	-0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.71	150	25 - 150	8.169567	8.156588	0.0130	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.66	11.0	25 - 150	4.338767	4.40081	-0.0620	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.83	81.3	10 - 150	9.277766	9.234681	0.0431	+/-1.00	
d3-N-MeFOSAA	5.66	93.5	25 - 150	8.854934	8.842819	0.0121	+/-1.00	
d5-N-EtFOSAA	5.66	105	25 - 150	9.0776	9.069258	0.0083	+/-1.00	
M2-6:2 FTS	5.38	100	25 - 200	7.5009	7.499358	0.0015	+/-1.00	
M2-8:2 FTS	5.43	93.0	25 - 200	8.614034	8.608047	0.0060	+/-1.00	
M9PFNA	1.41	117	25 - 150	8.133467	8.124177	0.0093	+/-1.00	
M2-4:2 FTS	5.31	96.7	25 - 150	6.02725	6.058031	-0.0308	+/-1.00	
d-N-MeFOSA	2.83	36.2	25 - 150	10.04478	10.06877	-0.0240	+/-1.00	
d-N-EtFOSA	2.83	41.3	25 - 150	10.30982	10.34068	-0.0309	+/-1.00	
M3HFPO-DA	11.3	108	25 - 150	6.383383	6.405367	-0.0220	+/-1.00	
d9-N-EtFOSE	28.3	35.8	25 - 150	10.27042	10.30358	-0.0332	+/-1.00	
d7-N-MeFOSE	28.3	40.3	25 - 150	10.01277	10.04137	-0.0286	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-14 (10-12) (25E0288-09)				Lab File ID: QQQ53334.d		Analyzed: 05/13/25 09:16		
M3PFBS	2.75	85.7	25 - 150	5.270233	5.288692	-0.0185	+/-1.00	
M5PFHxA	2.95	104	25 - 150	6.111567	6.127733	-0.0162	+/-1.00	
M4PFHpA	2.95	96.2	25 - 150	6.918967	6.91665	0.0023	+/-1.00	
M3PFHxS	2.80	118	25 - 150	7.0204	7.015661	0.0047	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.95	113	25 - 150	7.56695	7.551858	0.0151	+/-1.00	
M6PFDA	1.48	108	25 - 150	8.651934	8.635862	0.0161	+/-1.00	
M7PFUdA	1.48	85.3	25 - 150	9.106367	9.086467	0.0199	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.48	70.8	25 - 150	9.4851	9.484887	0.0002	+/-1.00	
M2PFTeDA	1.48	72.8	10 - 150	10.12907	10.14503	-0.0160	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.8	2.23	25 - 150	1.195633	1.191037	0.0046	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.83	114	25 - 150	8.17885	8.156588	0.0223	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.91	4.96	25 - 150	4.421484	4.40081	0.0207	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.95	108	10 - 150	9.287017	9.234681	0.0523	+/-1.00	
d3-N-MeFOSAA	5.91	69.4	25 - 150	8.854917	8.842819	0.0121	+/-1.00	
d5-N-EtFOSAA	5.91	70.2	25 - 150	9.08685	9.069258	0.0176	+/-1.00	
M2-6:2 FTS	5.62	96.5	25 - 200	7.510183	7.499358	0.0108	+/-1.00	
M2-8:2 FTS	5.67	64.9	25 - 200	8.623283	8.608047	0.0152	+/-1.00	
M9PFNA	1.48	92.4	25 - 150	8.142734	8.124177	0.0186	+/-1.00	
M2-4:2 FTS	5.54	96.7	25 - 150	6.045717	6.058031	-0.0123	+/-1.00	
d-N-MeFOSA	2.95	63.8	25 - 150	10.04477	10.06877	-0.0240	+/-1.00	
d-N-EtFOSA	2.95	47.5	25 - 150	10.3098	10.34068	-0.0309	+/-1.00	
M3HFPO-DA	11.8	104	25 - 150	6.392633	6.405367	-0.0127	+/-1.00	
d9-N-EtFOSE	29.5	45.0	25 - 150	10.27962	10.30358	-0.0240	+/-1.00	
d7-N-MeFOSE	29.5	53.9	25 - 150	10.02197	10.04137	-0.0194	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-11 (0-1.5) (25E0288-10)			Lab File ID: QQQ53335.d		Analyzed: 05/13/25 09:32			
M3PFBS	2.65	102	25 - 150	5.2518	5.288692	-0.0369	+/-1.00	
M5PFHxA	2.85	94.8	25 - 150	6.120817	6.127733	-0.0069	+/-1.00	
M4PFHpA	2.85	82.9	25 - 150	6.928216	6.91665	0.0116	+/-1.00	
M3PFHxS	2.70	104	25 - 150	7.02965	7.015661	0.0140	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.85	102	25 - 150	7.576217	7.551858	0.0244	+/-1.00	
M6PFDA	1.42	103	25 - 150	8.651934	8.635862	0.0161	+/-1.00	
M7PFUdA	1.42	81.2	25 - 150	9.097083	9.086467	0.0106	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.42	69.1	25 - 150	9.485084	9.484887	0.0002	+/-1.00	
M2PFTeDA	1.42	75.4	10 - 150	10.12905	10.14503	-0.0160	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.4	4.12	25 - 150	1.195633	1.191037	0.0046	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.73	111	25 - 150	8.169567	8.156588	0.0130	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.69	20.1	25 - 150	4.36635	4.40081	-0.0345	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.85	104	10 - 150	9.27775	9.234681	0.0431	+/-1.00	
d3-N-MeFOSAA	5.69	54.4	25 - 150	8.854917	8.842819	0.0121	+/-1.00	
d5-N-EtFOSAA	5.69	60.9	25 - 150	9.077583	9.069258	0.0083	+/-1.00	
M2-6:2 FTS	5.41	80.1	25 - 200	7.51945	7.499358	0.0201	+/-1.00	
M2-8:2 FTS	5.46	67.7	25 - 200	8.614017	8.608047	0.0060	+/-1.00	
M9PFNA	1.42	92.5	25 - 150	8.142734	8.124177	0.0186	+/-1.00	
M2-4:2 FTS	5.34	80.6	25 - 150	6.045717	6.058031	-0.0123	+/-1.00	
d-N-MeFOSA	2.85	70.0	25 - 150	10.04477	10.06877	-0.0240	+/-1.00	
d-N-EtFOSA	2.85	66.8	25 - 150	10.3098	10.34068	-0.0309	+/-1.00	
M3HFPO-DA	11.4	95.7	25 - 150	6.4019	6.405367	-0.0035	+/-1.00	
d9-N-EtFOSE	28.5	58.1	25 - 150	10.27962	10.30358	-0.0240	+/-1.00	
d7-N-MeFOSE	28.5	67.2	25 - 150	10.02195	10.04137	-0.0194	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-7 (0-2) (25E0288-12)			Lab File ID: QQQ53336.d		Analyzed: 05/13/25 09:48			
M3PFBS	2.49	102	25 - 150	5.251783	5.288692	-0.0369	+/-1.00	
M5PFHxA	2.68	111	25 - 150	6.102334	6.127733	-0.0254	+/-1.00	
M4PFHpA	2.68	89.8	25 - 150	6.91895	6.91665	0.0023	+/-1.00	
M3PFHxS	2.54	103	25 - 150	7.020383	7.015661	0.0047	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.68	103	25 - 150	7.566933	7.551858	0.0151	+/-1.00	
M6PFDA	1.34	101	25 - 150	8.661183	8.635862	0.0253	+/-1.00	
M7PFUdA	1.34	84.8	25 - 150	9.106367	9.086467	0.0199	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.34	72.8	25 - 150	9.494333	9.484887	0.0094	+/-1.00	
M2PFTeDA	1.34	72.6	10 - 150	10.13828	10.14503	-0.0068	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.7	5.32	25 - 150	1.2048	1.191037	0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.56	124	25 - 150	8.188133	8.156588	0.0315	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.35	21.1	25 - 150	4.384717	4.40081	-0.0161	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.68	111	10 - 150	9.296284	9.234681	0.0616	+/-1.00	
d3-N-MeFOSAA	5.35	78.4	25 - 150	8.873484	8.842819	0.0307	+/-1.00	
d5-N-EtFOSAA	5.35	88.2	25 - 150	9.096117	9.069258	0.0269	+/-1.00	
M2-6:2 FTS	5.09	84.1	25 - 200	7.510167	7.499358	0.0108	+/-1.00	
M2-8:2 FTS	5.14	69.8	25 - 200	8.63255	8.608047	0.0245	+/-1.00	
M9PFNA	1.34	95.5	25 - 150	8.152017	8.124177	0.0278	+/-1.00	
M2-4:2 FTS	5.02	87.9	25 - 150	6.027233	6.058031	-0.0308	+/-1.00	
d-N-MeFOSA	2.68	72.8	25 - 150	10.05398	10.06877	-0.0148	+/-1.00	
d-N-EtFOSA	2.68	41.3	25 - 150	10.31902	10.34068	-0.0217	+/-1.00	
M3HFPO-DA	10.7	115	25 - 150	6.383367	6.405367	-0.0220	+/-1.00	
d9-N-EtFOSE	26.8	57.3	25 - 150	10.27962	10.30358	-0.0240	+/-1.00	
d7-N-MeFOSE	26.8	61.8	25 - 150	10.03118	10.04137	-0.0102	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-7 (3-5) (25E0288-13)			Lab File ID: QQQ53337.d		Analyzed: 05/13/25 10:04			
M3PFBS	2.56	104	25 - 150	5.261017	5.288692	-0.0277	+/-1.00	
M5PFHxA	2.75	113	25 - 150	6.102334	6.127733	-0.0254	+/-1.00	
M4PFHpA	2.75	90.5	25 - 150	6.918967	6.91665	0.0023	+/-1.00	
M3PFHxS	2.61	96.4	25 - 150	7.0204	7.015661	0.0047	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.75	110	25 - 150	7.56695	7.551858	0.0151	+/-1.00	
M6PFDA	1.37	95.9	25 - 150	8.661217	8.635862	0.0254	+/-1.00	
M7PFUdA	1.37	83.6	25 - 150	9.106383	9.086467	0.0199	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.37	70.6	25 - 150	9.5036	9.484887	0.0187	+/-1.00	
M2PFTeDA	1.37	77.3	10 - 150	10.14752	10.14503	0.0025	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.0	4.90	25 - 150	1.18645	1.191037	-0.0046	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.63	110	25 - 150	8.178866	8.156588	0.0223	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.50	27.1	25 - 150	4.375533	4.40081	-0.0253	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.75	90.8	10 - 150	9.2963	9.234681	0.0616	+/-1.00	
d3-N-MeFOSAA	5.50	72.9	25 - 150	8.864217	8.842819	0.0214	+/-1.00	
d5-N-EtFOSAA	5.50	74.9	25 - 150	9.096133	9.069258	0.0269	+/-1.00	
M2-6:2 FTS	5.23	79.9	25 - 200	7.510183	7.499358	0.0108	+/-1.00	
M2-8:2 FTS	5.28	60.3	25 - 200	8.6233	8.608047	0.0153	+/-1.00	
M9PFNA	1.37	107	25 - 150	8.14275	8.124177	0.0186	+/-1.00	
M2-4:2 FTS	5.16	86.6	25 - 150	6.036483	6.058031	-0.0215	+/-1.00	
d-N-MeFOSA	2.75	59.7	25 - 150	10.07243	10.06877	0.0037	+/-1.00	
d-N-EtFOSA	2.75	45.7	25 - 150	10.33745	10.34068	-0.0032	+/-1.00	
M3HFPO-DA	11.0	112	25 - 150	6.39265	6.405367	-0.0127	+/-1.00	
d9-N-EtFOSE	27.5	51.6	25 - 150	10.29805	10.30358	-0.0055	+/-1.00	
d7-N-MeFOSE	27.5	62.1	25 - 150	10.04042	10.04137	-0.0010	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-7 (6-8) (25E0288-14)			Lab File ID: QQQ53338.d		Analyzed: 05/13/25 10:21			
M3PFBS	2.59	114	25 - 150	5.251783	5.288692	-0.0369	+/-1.00	
M5PFHxA	2.78	115	25 - 150	6.102334	6.127733	-0.0254	+/-1.00	
M4PFHpA	2.78	87.2	25 - 150	6.91895	6.91665	0.0023	+/-1.00	
M3PFHxS	2.64	115	25 - 150	7.029634	7.015661	0.0140	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.78	115	25 - 150	7.576217	7.551858	0.0244	+/-1.00	
M6PFDA	1.39	98.0	25 - 150	8.661183	8.635862	0.0253	+/-1.00	
M7PFUdA	1.39	89.1	25 - 150	9.10635	9.086467	0.0199	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.39	80.9	25 - 150	9.51285	9.484887	0.0280	+/-1.00	
M2PFTeDA	1.39	90.0	10 - 150	10.17522	10.14503	0.0302	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.1	4.25	25 - 150	1.213983	1.191037	0.0229	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.66	128	25 - 150	8.17885	8.156588	0.0223	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.56	23.1	25 - 150	4.393917	4.40081	-0.0069	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.78	106	10 - 150	9.30555	9.234681	0.0709	+/-1.00	
d3-N-MeFOSAA	5.56	77.1	25 - 150	8.864183	8.842819	0.0214	+/-1.00	
d5-N-EtFOSAA	5.56	82.5	25 - 150	9.105383	9.069258	0.0361	+/-1.00	
M2-6:2 FTS	5.29	92.0	25 - 200	7.519433	7.499358	0.0201	+/-1.00	
M2-8:2 FTS	5.34	69.7	25 - 200	8.623283	8.608047	0.0152	+/-1.00	
M9PFNA	1.39	93.2	25 - 150	8.142734	8.124177	0.0186	+/-1.00	
M2-4:2 FTS	5.22	95.3	25 - 150	6.027233	6.058031	-0.0308	+/-1.00	
d-N-MeFOSA	2.78	71.2	25 - 150	10.09087	10.06877	0.0221	+/-1.00	
d-N-EtFOSA	2.78	46.7	25 - 150	10.36507	10.34068	0.0244	+/-1.00	
M3HFPO-DA	11.1	112	25 - 150	6.392633	6.405367	-0.0127	+/-1.00	
d9-N-EtFOSE	27.8	56.8	25 - 150	10.32565	10.30358	0.0221	+/-1.00	
d7-N-MeFOSE	27.8	70.3	25 - 150	10.06805	10.04137	0.0267	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-3 (0-2) (25E0288-15)			Lab File ID: QQQ53339.d		Analyzed: 05/13/25 10:37			
M3PFBS	2.45	102	25 - 150	5.251783	5.288692	-0.0369	+/-1.00	
M5PFHxA	2.63	98.0	25 - 150	6.102334	6.127733	-0.0254	+/-1.00	
M4PFHpA	2.63	79.7	25 - 150	6.91895	6.91665	0.0023	+/-1.00	
M3PFHxS	2.49	98.2	25 - 150	7.020383	7.015661	0.0047	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.63	101	25 - 150	7.566933	7.551858	0.0151	+/-1.00	
M6PFDA	1.32	91.5	25 - 150	8.64265	8.635862	0.0068	+/-1.00	
M7PFUdA	1.32	75.4	25 - 150	9.087816	9.086467	0.0013	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.32	67.9	25 - 150	9.485084	9.484887	0.0002	+/-1.00	
M2PFTeDA	1.32	72.5	10 - 150	10.12905	10.14503	-0.0160	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.5	16.2	25 - 150	1.2048	1.191037	0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.52	137	25 - 150	8.169567	8.156588	0.0130	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.26	72.3	25 - 150	4.375533	4.40081	-0.0253	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.63	79.1	10 - 150	9.27775	9.234681	0.0431	+/-1.00	
d3-N-MeFOSAA	5.26	92.4	25 - 150	8.845634	8.842819	0.0028	+/-1.00	
d5-N-EtFOSAA	5.26	95.8	25 - 150	9.077583	9.069258	0.0083	+/-1.00	
M2-6:2 FTS	5.00	147	25 - 200	7.510167	7.499358	0.0108	+/-1.00	
M2-8:2 FTS	5.05	129	25 - 200	8.60475	8.608047	-0.0033	+/-1.00	
M9PFNA	1.32	102	25 - 150	8.13345	8.124177	0.0093	+/-1.00	
M2-4:2 FTS	4.94	98.8	25 - 150	6.036467	6.058031	-0.0216	+/-1.00	
d-N-MeFOSA	2.63	32.0	25 - 150	10.0632	10.06877	-0.0056	+/-1.00	
d-N-EtFOSA	2.63	30.1	25 - 150	10.31902	10.34068	-0.0217	+/-1.00	
M3HFPO-DA	10.5	103	25 - 150	6.392633	6.405367	-0.0127	+/-1.00	
d9-N-EtFOSE	26.3	40.2	25 - 150	10.2796	10.30358	-0.0240	+/-1.00	
d7-N-MeFOSE	26.3	48.3	25 - 150	10.03118	10.04137	-0.0102	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-3 (4-6) (25E0288-16)			Lab File ID: QQQ53340.d		Analyzed: 05/13/25 10:53			
M3PFBS	2.53	104	25 - 150	5.233333	5.288692	-0.0554	+/-1.00	
M5PFHxA	2.72	95.9	25 - 150	6.102334	6.127733	-0.0254	+/-1.00	
M4PFHpA	2.72	74.4	25 - 150	6.928216	6.91665	0.0116	+/-1.00	
M3PFHxS	2.57	106	25 - 150	7.038883	7.015661	0.0232	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.72	95.4	25 - 150	7.576217	7.551858	0.0244	+/-1.00	
M6PFDA	1.36	105	25 - 150	8.661183	8.635862	0.0253	+/-1.00	
M7PFUdA	1.36	99.5	25 - 150	9.10635	9.086467	0.0199	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.36	78.6	25 - 150	9.503583	9.484887	0.0187	+/-1.00	
M2PFTeDA	1.36	85.7	10 - 150	10.14748	10.14503	0.0024	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.9	5.39	25 - 150	1.2048	1.191037	0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.60	125	25 - 150	8.188133	8.156588	0.0315	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.43	36.0	25 - 150	4.34795	4.40081	-0.0529	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.72	66.5	10 - 150	9.305533	9.234681	0.0709	+/-1.00	
d3-N-MeFOSAA	5.43	86.2	25 - 150	8.873466	8.842819	0.0306	+/-1.00	
d5-N-EtFOSAA	5.43	85.5	25 - 150	9.096117	9.069258	0.0269	+/-1.00	
M2-6:2 FTS	5.17	94.3	25 - 200	7.529083	7.499358	0.0297	+/-1.00	
M2-8:2 FTS	5.21	91.2	25 - 200	8.63255	8.608047	0.0245	+/-1.00	
M9PFNA	1.36	85.0	25 - 150	8.152	8.124177	0.0278	+/-1.00	
M2-4:2 FTS	5.09	90.5	25 - 150	6.036483	6.058031	-0.0215	+/-1.00	
d-N-MeFOSA	2.72	28.4	25 - 150	10.08163	10.06877	0.0129	+/-1.00	
d-N-EtFOSA	2.72	21.1	25 - 150	10.34663	10.34068	0.0059	+/-1.00	*
M3HFPO-DA	10.9	85.6	25 - 150	6.4019	6.405367	-0.0035	+/-1.00	
d9-N-EtFOSE	27.2	30.2	25 - 150	10.30723	10.30358	0.0037	+/-1.00	
d7-N-MeFOSE	27.2	38.8	25 - 150	10.0496	10.04137	0.0082	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-3 (11-13) (25E0288-17)			Lab File ID: QQQ53341.d		Analyzed: 05/13/25 11:09			
M3PFBS	2.63	84.5	25 - 150	5.2518	5.288692	-0.0369	+/-1.00	
M5PFHxA	2.82	84.2	25 - 150	6.10235	6.127733	-0.0254	+/-1.00	
M4PFHpA	2.82	70.3	25 - 150	6.918967	6.91665	0.0023	+/-1.00	
M3PFHxS	2.68	97.0	25 - 150	7.0204	7.015661	0.0047	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.82	93.3	25 - 150	7.56695	7.551858	0.0151	+/-1.00	
M6PFDA	1.41	92.9	25 - 150	8.651934	8.635862	0.0161	+/-1.00	
M7PFUdA	1.41	73.8	25 - 150	9.106367	9.086467	0.0199	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.41	60.8	25 - 150	9.503616	9.484887	0.0187	+/-1.00	
M2PFTeDA	1.41	58.9	10 - 150	10.15682	10.14503	0.0118	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.3	3.37	25 - 150	1.2048	1.191037	0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.71	104	25 - 150	8.169583	8.156588	0.0130	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.65	8.24	25 - 150	4.375533	4.40081	-0.0253	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.82	89.9	10 - 150	9.305567	9.234681	0.0709	+/-1.00	
d3-N-MeFOSAA	5.65	65.1	25 - 150	8.8642	8.842819	0.0214	+/-1.00	
d5-N-EtFOSAA	5.65	64.4	25 - 150	9.096133	9.069258	0.0269	+/-1.00	
M2-6:2 FTS	5.37	88.9	25 - 200	7.510183	7.499358	0.0108	+/-1.00	
M2-8:2 FTS	5.42	72.0	25 - 200	8.6233	8.608047	0.0153	+/-1.00	
M9PFNA	1.41	93.1	25 - 150	8.14275	8.124177	0.0186	+/-1.00	
M2-4:2 FTS	5.30	79.0	25 - 150	6.036483	6.058031	-0.0215	+/-1.00	
d-N-MeFOSA	2.82	56.0	25 - 150	10.08167	10.06877	0.0129	+/-1.00	
d-N-EtFOSA	2.82	35.3	25 - 150	10.34667	10.34068	0.0060	+/-1.00	
M3HFPO-DA	11.3	85.2	25 - 150	6.39265	6.405367	-0.0127	+/-1.00	
d9-N-EtFOSE	28.2	39.5	25 - 150	10.30727	10.30358	0.0037	+/-1.00	
d7-N-MeFOSE	28.2	49.5	25 - 150	10.04963	10.04137	0.0083	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0288

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Sequence: S5E1331 Instrument: LCQQQ

Calibration: SD50025

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
25SB-8 (0-2) (25E0288-18)			Lab File ID: QQQ53342.d		Analyzed: 05/13/25 11:25			
M3PFBS	2.43	97.1	25 - 150	5.261	5.288692	-0.0277	+/-1.00	
M5PFHxA	2.61	104	25 - 150	6.102334	6.127733	-0.0254	+/-1.00	
M4PFHpA	2.61	81.4	25 - 150	6.91895	6.91665	0.0023	+/-1.00	
M3PFHxS	2.48	101	25 - 150	7.02965	7.015661	0.0140	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.61	104	25 - 150	7.576233	7.551858	0.0244	+/-1.00	
M6PFDA	1.31	104	25 - 150	8.670466	8.635862	0.0346	+/-1.00	
M7PFUdA	1.31	94.8	25 - 150	9.106367	9.086467	0.0199	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.31	71.9	25 - 150	9.475833	9.484887	-0.0091	+/-1.00	
M2PFTeDA	1.31	72.5	10 - 150	10.1014	10.14503	-0.0436	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.4	3.53	25 - 150	1.168083	1.191037	-0.0230	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.50	121	25 - 150	8.188133	8.156588	0.0315	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.22	12.8	25 - 150	4.384717	4.40081	-0.0161	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.61	103	10 - 150	9.296284	9.234681	0.0616	+/-1.00	
d3-N-MeFOSAA	5.22	74.7	25 - 150	8.873484	8.842819	0.0307	+/-1.00	
d5-N-EtFOSAA	5.22	84.3	25 - 150	9.096133	9.069258	0.0269	+/-1.00	
M2-6:2 FTS	4.97	93.5	25 - 200	7.51945	7.499358	0.0201	+/-1.00	
M2-8:2 FTS	5.02	73.5	25 - 200	8.641833	8.608047	0.0338	+/-1.00	
M9PFNA	1.31	113	25 - 150	8.161834	8.124177	0.0377	+/-1.00	
M2-4:2 FTS	4.90	93.0	25 - 150	6.036467	6.058031	-0.0216	+/-1.00	
d-N-MeFOSA	2.61	60.7	25 - 150	10.03555	10.06877	-0.0332	+/-1.00	
d-N-EtFOSA	2.61	78.7	25 - 150	10.3006	10.34068	-0.0401	+/-1.00	
M3HFPO-DA	10.4	97.6	25 - 150	6.392633	6.405367	-0.0127	+/-1.00	
d9-N-EtFOSE	26.1	52.8	25 - 150	10.2612	10.30358	-0.0424	+/-1.00	
d7-N-MeFOSE	26.1	63.2	25 - 150	10.01275	10.04137	-0.0286	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50727	Laboratory ID:	BE50727-MS1
Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.84	ND	5.59	71.3	25 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.9	ND	16.3	102	25 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.6	ND	13.9	89.5	25 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.8	ND	13.0	82.4	25 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	83.0	ND	76.3	91.9	25 - 150
3-Perfluoropentyl propanoic acid (FPePA)	83.0	ND	68.4	82.4	25 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.6	ND	7.00	42.2	25 - 150
9CL-PF3ONS	7.76	ND	6.44	83.0	25 - 150
ADONA	7.84	ND	7.52	95.9	25 - 150
HFPO-DA (Gen-X)	8.30	ND	8.50	102	25 - 150
N-EtFOSA	4.15	ND	3.96	95.4	25 - 150
N-EtFOSAA	4.15	ND	4.18	101	25 - 150
N-EtFOSE	41.5	ND	47.4	114	25 - 150
N-MeFOSA	4.15	ND	4.31	104	25 - 150
N-MeFOSAA	4.15	ND	4.16	100	25 - 150
N-MeFOSE	41.5	ND	39.4	94.9	25 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.39	ND	8.12	110	25 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	4.00	ND	3.00	74.8	25 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.96	ND	3.53	89.1	25 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.98	ND	2.85	71.4	25 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.15	ND	3.39	81.7	25 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.90	ND	3.93	101	25 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.30	ND	6.64	80.0	25 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50727	Laboratory ID:	BE50727-MS1
Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC. #	QC LIMITS REC.
Perfluoro-4-oxapentanoic acid (PFMPA)	8.30	ND	1.12	13.5 *	25 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.30	ND	19.7	237 *	25 - 150
Perfluorobutanesulfonic acid (PFBS)	3.67	ND	3.41	92.8	25 - 150
Perfluorodecanoic acid (PFDA)	4.15	ND	3.55	85.7	25 - 150
Perfluorododecanesulfonic acid (PFDoS)	4.03	ND	2.05	50.8	25 - 150
Perfluorododecanoic acid (PFDoA)	4.15	ND	4.02	96.8	25 - 150
Perfluoroheptanoic acid (PFHpA)	4.15	ND	4.31	104	25 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.80	ND	3.79	99.7	25 - 150
Perfluorohexanoic acid (PFHxA)	4.15	ND	4.25	102	25 - 150
Perfluoro-n-butanoic acid (PFBA)	16.6	ND	11.5	69.2	25 - 150
Perfluorononanoic acid (PFNA)	4.15	ND	3.69	89.0	25 - 150
Perfluorooctanesulfonic acid (PFOS)	3.86	ND	3.46	89.7	25 - 150
Perfluorooctanoic acid (PFOA)	4.15	ND	3.44	82.9	25 - 150
Perfluoropentanoic acid (PFPeA)	8.30	ND	7.92	95.5	25 - 150
Perfluorotetradecanoic acid (PFTA)	4.15	ND	4.09	98.6	25 - 150
Perfluorotridecanoic acid (PFTrDA)	4.15	ND	4.55	110	25 - 150
Perfluoroundecanoic acid (PFUnA)	4.15	ND	3.89	93.8	25 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

25SB-1 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50727
Laboratory ID: BE50727-MSD1
Preparation: EPA 1633 Prep
Initial/Final: 5 g / 5 mL
Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
11CL-PF3OUdS	7.84	5.98	76.3	6.74	30	25 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.9	16.8	106	3.40	35	25 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.6	13.6	87.1	2.70	30	25 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.8	13.2	83.8	1.76	35	25 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	83.0	69.6	83.9	9.09	30	25 - 150
3-Perfluoropentyl propanoic acid (FPePA)	83.0	60.5	72.9	12.2	30	25 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.6	5.10	30.7	31.4 *	30	25 - 150
9CL-PF3ONS	7.76	6.88	88.7	6.57	30	25 - 150
ADONA	7.84	7.67	97.8	1.96	30	25 - 150
HFPO-DA (Gen-X)	8.30	8.59	104	1.11	30	25 - 150
N-EtFOSA	4.15	3.72	89.7	6.23	30	25 - 150
N-EtFOSAA	4.15	3.88	93.4	7.56	35	25 - 150
N-EtFOSE	41.5	44.6	108	5.94	30	25 - 150
N-MeFOSA	4.15	4.41	106	2.38	30	25 - 150
N-MeFOSAA	4.15	4.17	100	0.0338	35	25 - 150
N-MeFOSE	41.5	37.1	89.5	5.94	30	25 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.39	7.69	104	5.48	30	25 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	4.00	3.50	87.4	15.5	35	25 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.96	3.86	97.4	8.89	35	25 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.98	3.16	79.3	10.4	30	25 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.15	3.36	81.0	0.818	35	25 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.90	3.86	99.0	1.79	30	25 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.30	6.33	76.3	4.73	30	25 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50727	Laboratory ID:	BE50727-MSD1
Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Perfluoro-4-oxapentanoic acid (PFMPA)	8.30	0.638	7.68 *	54.9 *	30	25 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.30	16.5	198 *	18.0	30	25 - 150
Perfluorobutanesulfonic acid (PFBS)	3.67	3.46	94.2	1.47	35	25 - 150
Perfluorodecanoic acid (PFDA)	4.15	4.15	100	15.5	35	25 - 150
Perfluorododecanesulfonic acid (PFDoS)	4.03	2.20	54.6	7.27	30	25 - 150
Perfluorododecanoic acid (PFDoA)	4.15	3.79	91.4	5.70	35	25 - 150
Perfluoroheptanoic acid (PFHpA)	4.15	4.33	104	0.379	35	25 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.80	3.62	95.3	4.60	35	25 - 150
Perfluorohexanoic acid (PFHxA)	4.15	3.90	93.9	8.66	35	25 - 150
Perfluoro-n-butanoic acid (PFBA)	16.6	11.8	71.3	2.95	35	25 - 150
Perfluorononanoic acid (PFNA)	4.15	3.97	95.8	7.31	35	25 - 150
Perfluorooctanesulfonic acid (PFOS)	3.86	3.92	102	12.4	35	25 - 150
Perfluorooctanoic acid (PFOA)	4.15	3.54	85.4	3.00	35	25 - 150
Perfluoropentanoic acid (PFPeA)	8.30	7.72	93.0	2.57	35	25 - 150
Perfluorotetradecanoic acid (PFTA)	4.15	3.83	92.4	6.57	35	25 - 150
Perfluorotridecanoic acid (PFTrDA)	4.15	4.06	97.8	11.3	35	25 - 150
Perfluoroundecanoic acid (PFUnA)	4.15	3.99	96.1	2.35	35	25 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50727	Laboratory ID:	BE50727-MS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.87	ND	5.31	67.4	25 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.0	ND	15.7	98.5	25 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.6	ND	13.8	88.5	25 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.8	ND	13.6	85.9	25 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	83.3	ND	80.9	97.1	25 - 150
3-Perfluoropentyl propanoic acid (FPePA)	83.3	ND	74.8	89.9	25 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.7	ND	8.32	50.0	25 - 150
9CL-PF3ONS	7.79	ND	6.34	81.4	25 - 150
ADONA	7.87	ND	8.04	102	25 - 150
HFPO-DA (Gen-X)	8.33	ND	9.44	113	25 - 150
N-EtFOSA	4.16	ND	4.01	96.3	25 - 150
N-EtFOSAA	4.16	ND	3.97	95.4	25 - 150
N-EtFOSE	41.6	ND	48.6	117	25 - 150
N-MeFOSA	4.16	ND	3.95	95.0	25 - 150
N-MeFOSAA	4.16	ND	4.58	110	25 - 150
N-MeFOSE	41.6	ND	45.6	109	25 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.41	ND	7.47	101	25 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	4.02	ND	2.65	66.0	25 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.98	ND	3.47	87.4	25 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	4.00	ND	2.75	68.7	25 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.16	ND	3.35	80.5	25 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.91	ND	3.80	97.1	25 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.33	ND	5.53	66.4	25 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

25SB-8 (0-2)

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50727	Laboratory ID:	BE50727-MS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC. #	QC LIMITS REC.
Perfluoro-4-oxapentanoic acid (PFMPA)	8.33	ND	1.11	13.3 *	25 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.33	ND	16.7	201 *	25 - 150
Perfluorobutanesulfonic acid (PFBS)	3.68	ND	3.39	92.0	25 - 150
Perfluorodecanoic acid (PFDA)	4.16	ND	3.71	89.1	25 - 150
Perfluorododecanesulfonic acid (PFDoS)	4.04	ND	2.29	56.7	25 - 150
Perfluorododecanoic acid (PFDoA)	4.16	ND	3.84	92.3	25 - 150
Perfluoroheptanoic acid (PFHpA)	4.16	ND	4.52	108	25 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.81	ND	3.71	97.4	25 - 150
Perfluorohexanoic acid (PFHxA)	4.16	ND	3.86	92.6	25 - 150
Perfluoro-n-butanoic acid (PFBA)	16.7	ND	10.9	65.4	25 - 150
Perfluorononanoic acid (PFNA)	4.16	ND	3.18	76.3	25 - 150
Perfluorooctanesulfonic acid (PFOS)	3.87	ND	3.39	87.6	25 - 150
Perfluorooctanoic acid (PFOA)	4.16	ND	3.78	90.8	25 - 150
Perfluoropentanoic acid (PFPeA)	8.33	ND	8.15	97.9	25 - 150
Perfluorotetradecanoic acid (PFTA)	4.16	ND	3.89	93.4	25 - 150
Perfluorotridecanoic acid (PFTrDA)	4.16	ND	4.38	105	25 - 150
Perfluoroundecanoic acid (PFUnA)	4.16	ND	3.98	95.5	25 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

25SB-8 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50727
Laboratory ID: BE50727-MSD2
Preparation: EPA 1633 Prep
Initial/Final: 5 g / 5 mL
Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
11CL-PF3OUdS	7.90	5.71	72.2	7.30	30	25 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.1	16.0	99.7	1.62	35	25 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.7	14.3	90.9	3.12	30	25 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.9	14.2	89.2	4.19	35	25 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	83.6	78.6	94.0	2.92	30	25 - 150
3-Perfluoropentyl propanoic acid (FPePA)	83.6	71.7	85.8	4.27	30	25 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.7	9.46	56.6	12.8	30	25 - 150
9CL-PF3ONS	7.82	6.48	82.9	2.20	30	25 - 150
ADONA	7.90	7.71	97.6	4.22	30	25 - 150
HFPO-DA (Gen-X)	8.36	7.99	95.6	16.6	30	25 - 150
N-EtFOSA	4.18	3.18	76.0	23.2	30	25 - 150
N-EtFOSAA	4.18	4.22	101	6.09	35	25 - 150
N-EtFOSE	41.8	47.7	114	1.83	30	25 - 150
N-MeFOSA	4.18	4.58	109	14.6	30	25 - 150
N-MeFOSAA	4.18	4.41	105	3.93	35	25 - 150
N-MeFOSE	41.8	38.4	91.8	17.1	30	25 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.44	7.31	98.2	2.14	30	25 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	4.03	2.84	70.4	6.90	35	25 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.99	3.63	91.0	4.44	35	25 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	4.01	3.01	75.1	9.28	30	25 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.18	3.15	75.4	6.15	35	25 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.93	3.54	90.2	6.96	30	25 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.36	6.84	81.8	21.1	30	25 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50727	Laboratory ID:	BE50727-MSD2
Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Perfluoro-4-oxapentanoic acid (PFMPA)	8.36	0.792	9.48 *	33.4 *	30	25 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.36	12.8	153 *	26.4	30	25 - 150
Perfluorobutanesulfonic acid (PFBS)	3.70	3.50	94.7	3.31	35	25 - 150
Perfluorodecanoic acid (PFDA)	4.18	4.23	101	13.3	35	25 - 150
Perfluorododecanesulfonic acid (PFDoS)	4.05	2.40	59.2	4.70	30	25 - 150
Perfluorododecanoic acid (PFDoA)	4.18	3.70	88.6	3.72	35	25 - 150
Perfluoroheptanoic acid (PFHpA)	4.18	4.65	111	2.90	35	25 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.82	3.57	93.4	3.75	35	25 - 150
Perfluorohexanoic acid (PFHxA)	4.18	3.87	92.6	0.306	35	25 - 150
Perfluoro-n-butanoic acid (PFBA)	16.7	13.1	78.4	18.5	35	25 - 150
Perfluorononanoic acid (PFNA)	4.18	2.76	66.1	13.9	35	25 - 150
Perfluorooctanesulfonic acid (PFOS)	3.89	3.32	85.5	2.02	35	25 - 150
Perfluorooctanoic acid (PFOA)	4.18	3.63	86.8	4.05	35	25 - 150
Perfluoropentanoic acid (PFPeA)	8.36	7.86	94.0	3.63	35	25 - 150
Perfluorotetradecanoic acid (PFTA)	4.18	3.93	94.0	1.07	35	25 - 150
Perfluorotridecanoic acid (PFTrDA)	4.18	4.28	102	2.36	35	25 - 150
Perfluoroundecanoic acid (PFUnA)	4.18	4.21	101	5.66	35	25 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50530	Laboratory ID:	BE50530-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.56	3.93	52.0	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	12.1	78.6	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	10.3	68.7	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	9.02	59.3	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	80.0	73.4	91.7	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	80.0	73.6	92.0	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.0	10.4	65.1	50 - 150
9CL-PF3ONS	7.48	3.66	49.0 *	50 - 150
ADONA	7.56	5.25	69.5	50 - 150
HFPO-DA (Gen-X)	8.00	6.63	82.8	50 - 150
N-EtFOSA	4.00	2.93	73.1	50 - 150
N-EtFOSAA	4.00	2.82	70.4	50 - 150
N-EtFOSE	40.0	32.9	82.3	50 - 150
N-MeFOSA	4.00	3.58	89.5	50 - 150
N-MeFOSAA	4.00	3.03	75.9	50 - 150
N-MeFOSE	40.0	29.2	72.9	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	5.03	70.7	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.86	1.81	47.0 *	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	2.89	75.5	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	2.42	62.9	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.00	2.33	58.3	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	3.00	79.8	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	10.1	126	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	0.997	12.5 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	8.72	109	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.54	2.64	74.6	50 - 150
Perfluorodecanoic acid (PFDA)	4.00	2.86	71.4	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.88	1.20	30.8 *	50 - 150
Perfluorododecanoic acid (PFDoA)	4.00	3.37	84.2	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50530	Laboratory ID:	BE50530-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	4.00	4.13	103	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.66	2.56	69.9	50 - 150
Perfluorohexanoic acid (PFHxA)	4.00	3.12	77.9	50 - 150
Perfluoro-n-butanoic acid (PFBA)	16.0	9.31	58.2	50 - 150
Perfluorononanoic acid (PFNA)	4.00	3.33	83.3	50 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	2.35	63.2	50 - 150
Perfluorooctanoic acid (PFOA)	4.00	2.81	70.4	50 - 150
Perfluoropentanoic acid (PFPeA)	8.00	6.20	77.4	50 - 150
Perfluorotetradecanoic acid (PFTA)	4.00	2.95	73.8	50 - 150
Perfluorotridecanoic acid (PFTrDA)	4.00	2.95	73.7	50 - 150
Perfluoroundecanoic acid (PFUnA)	4.00	3.58	89.4	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50657	Laboratory ID:	BE50657-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	0.751	0.198	26.3 *	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.53	1.21	79.3	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.49	1.05	70.3	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.51	0.964	63.8	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	7.95	5.36	67.4	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	7.95	5.24	65.9	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.59	0.818	51.5	50 - 150
9CL-PF3ONS	0.744	0.137	18.4 *	50 - 150
ADONA	0.751	0.480	63.9	50 - 150
HFPO-DA (Gen-X)	0.795	0.511	64.3	50 - 150
N-EtFOSA	0.398	0.258	64.9	50 - 150
N-EtFOSAA	0.398	0.246	62.0	50 - 150
N-EtFOSE	3.98	2.95	74.2	50 - 150
N-MeFOSA	0.398	0.360	90.6	50 - 150
N-MeFOSAA	0.398	0.362	91.0	50 - 150
N-MeFOSE	3.98	2.61	65.6	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.708	0.466	65.9	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.384	0.228	59.4	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.380	0.292	77.0	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.382	0.156	40.8 *	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.398	0.211	53.1	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.374	0.362	96.8	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.795	0.722	90.8	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.795	0.0430	5.41 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.795	0.860	108	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.352	0.273	77.6	50 - 150
Perfluorodecanoic acid (PFDA)	0.398	0.259	65.0	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.386	0.0852	22.1 *	50 - 150
Perfluorododecanoic acid (PFDoA)	0.398	0.349	87.8	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50657	Laboratory ID:	BE50657-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	0.398	0.419	105	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.364	0.295	81.2	50 - 150
Perfluorohexanoic acid (PFHxA)	0.398	0.297	74.7	50 - 150
Perfluoro-n-butanoic acid (PFBA)	1.59	0.934	58.7	50 - 150
Perfluorononanoic acid (PFNA)	0.398	0.272	68.3	50 - 150
Perfluorooctanesulfonic acid (PFOS)	0.370	0.205	55.3	50 - 150
Perfluorooctanoic acid (PFOA)	0.398	0.279	70.2	50 - 150
Perfluoropentanoic acid (PFPeA)	0.795	0.624	78.5	50 - 150
Perfluorotetradecanoic acid (PFTA)	0.398	0.324	81.5	50 - 150
Perfluorotridecanoic acid (PFTrDA)	0.398	0.302	76.1	50 - 150
Perfluoroundecanoic acid (PFUnA)	0.398	0.337	84.7	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50727	Laboratory ID:	BE50727-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	0.754	0.399	52.9	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.53	1.35	88.3	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.50	1.31	87.6	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.52	1.13	74.4	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	7.98	7.01	87.8	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	7.98	6.79	85.0	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.60	0.776	48.6 *	50 - 150
9CL-PF3ONS	0.747	0.411	55.1	50 - 150
ADONA	0.754	0.634	84.1	50 - 150
HFPO-DA (Gen-X)	0.798	0.703	88.1	50 - 150
N-EtFOSA	0.399	0.531	133	50 - 150
N-EtFOSAA	0.399	0.329	82.4	50 - 150
N-EtFOSE	3.99	3.22	80.6	50 - 150
N-MeFOSA	0.399	0.369	92.4	50 - 150
N-MeFOSAA	0.399	0.379	94.8	50 - 150
N-MeFOSE	3.99	3.23	80.9	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.711	0.615	86.6	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.385	0.351	91.2	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.381	0.334	87.5	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.383	0.319	83.2	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.399	0.268	67.2	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.375	0.370	98.6	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.798	0.783	98.1	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.798	0.0653	8.18 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.798	1.15	144	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.353	0.301	85.2	50 - 150
Perfluorodecanoic acid (PFDA)	0.399	0.357	89.4	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.387	0.196	50.6	50 - 150
Perfluorododecanoic acid (PFDoA)	0.399	0.397	99.5	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50727	Laboratory ID:	BE50727-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	0.399	0.511	128	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.365	0.315	86.2	50 - 150
Perfluorohexanoic acid (PFHxA)	0.399	0.334	83.6	50 - 150
Perfluoro-n-butanoic acid (PFBA)	1.60	1.20	75.1	50 - 150
Perfluorononanoic acid (PFNA)	0.399	0.367	92.0	50 - 150
Perfluorooctanesulfonic acid (PFOS)	0.371	0.256	69.0	50 - 150
Perfluorooctanoic acid (PFOA)	0.399	0.333	83.5	50 - 150
Perfluoropentanoic acid (PFPeA)	0.798	0.725	90.8	50 - 150
Perfluorotetradecanoic acid (PFTA)	0.399	0.405	101	50 - 150
Perfluorotridecanoic acid (PFTrDA)	0.399	0.357	89.4	50 - 150
Perfluoroundecanoic acid (PFUnA)	0.399	0.410	103	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50657-BLK1	File ID:	QQQ53290.d
Prepared:	05/08/25 15:48	Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL
Analyzed:	05/12/25 21:26	Instrument:	LCQQQ		
Batch:	BE50657	Sequence:	S5E1331	Calibration:	SD50025

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.182	U
307-24-4	Perfluorohexanoic acid (PFHxA)	0.199	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	0.797	U
375-95-1	Perfluorononanoic acid (PFNA)	0.199	U
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.185	U
335-67-1	Perfluorooctanoic acid (PFOA)	0.199	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.398	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	0.209	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	0.227	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.199	U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)		U
1180-95-6	Taurodeoxycholic Acid (TDCA)		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)		U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg wet)	CONC (ug/kg wet)	% REC	QC LIMITS	Q
d3-N-MeFOSAA	4.98	2.93	58.8	25 - 150	
d5-N-EtFOSAA	4.98	3.12	62.6	25 - 150	
d7-N-MeFOSE	24.9	12.8	51.4	25 - 150	
d9-N-EtFOSE	24.9	11.1	44.4	25 - 150	
d-N-EtFOSA	2.49	0.879	35.3	25 - 150	
d-N-MeFOSA	2.49	1.15	46.1	25 - 150	
M2-4:2 FTS	4.67	5.51	118	25 - 150	
M2-6:2 FTS	4.74	4.14	87.5	25 - 200	
M2-8:2 FTS	4.78	2.77	58.0	25 - 200	
M2PFTeDA	1.25	0.946	76.0	10 - 150	
M3HFPO-DA	9.96	13.6	137	25 - 150	
M3PFBS	2.32	3.01	130	25 - 150	
M3PFHxS	2.36	2.46	104	25 - 150	
M4PFHpA	2.49	2.41	96.8	25 - 150	
M5PFHxA	2.49	3.46	139	25 - 150	
M6PFDA	1.25	1.04	83.4	25 - 150	

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E0288
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE50657-BLK1	File ID:	QQQ53290.d
Prepared:	05/08/25 15:48	Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL
Analyzed:	05/12/25 21:26	Instrument:	LCQQQ		
Batch:	BE50657	Sequence:	S5E1331	Calibration:	SD50025

SYSTEM MONITORING COMPOUND	ADDED (ug/kg wet)	CONC (ug/kg wet)	% REC	QC LIMITS	Q
M7PFUdA	1.25	0.841	67.6	25 - 150	
M9PFNA	1.25	1.14	91.5	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.49	1.82	73.0	10 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.39	2.19	92.0	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	0.797	64.0	25 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.96	0.575	5.77	25 - 150	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.98	5.38	108	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.49	3.03	122	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
d3-N-MeFOSAA-EIS	6853.873	8.99485	14747.32	8.9856	
d3-NMeFOSA-EIS	400.5683	10.10008	719.9225	10.09088	
d5-N-EtFOSAA-EIS	6201.955	9.207583	13435.11	9.198334	
d5-NEtFOSA-EIS	207.4355	10.34663	393.9077	10.33745	
d7-NMeFOSE-EIS	1886.645	10.06805	3332.865	10.05885	
d9-NEtFOSE-EIS	776.9635	10.30723	1530.103	10.29805	
M2-4-2FTS-EIS	16775.09	6.064183	18727.08	6.05495	
M2-6-2FTS-EIS	8056.659	7.621917	12936.42	7.61265	
M2-8-2FTS-EIS	8011.089	8.753067	21338.2	8.743816	
M2PFTeDA-EIS	3137.95	10.19363	4982.177	10.18445	
M3-HFPO-DA-EIS	14707.25	6.429667	15169.57	6.420417	
M3PFBA	10535.23	1.2071	20549.21	1.2071	
M3PFBS-EIS	7189.623	5.270233	7742.556	5.261017	
M3PFHxS-EIS	4051.727	7.103617	5526.755	7.094383	
M4PFHpA-EIS	3858.069	6.9936	4453.961	6.98435	
M5PFHxA-EIS	27542.91	6.130033	29655.53	6.120817	
M6PFDA-EIS	4890.479	8.791284	7884.338	8.782017	
M7PFUdA-EIS	6026.893	9.217834	11382.94	9.2086	
MPFDA	4108.925	8.79165	6252.185	8.782383	
MPFHxA	14076.71	6.131233	21096.49	6.122	
MPFHxS	1480.785	7.103117	2149.175	7.093884	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	LCQQQ	Calibration:	SD50025
Lab File ID:	QQQ53157.d	Calibration Date:	04/18/25 08:00
Sequence:	S5E0835	Injection Date:	05/08/25
Lab Sample ID:	S5E0835-CCV3	Injection Time:	18:23

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	7.80	1.236176	0.9899059		-17.5	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.71	0.2375612	0.2270421		1.1	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	7.95	1.166132	0.9831057		-15.3	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	7.75	1.478145	1.177984		-18.4	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	67.2	0.1835834	0.2012524		7.4	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	66.6	0.1512891	0.1646542		6.4	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	14.6	2.287886E-02	2.649688E-02		16.7	30	
9CL-PF3ONS	A	9.35	7.82	1.942539	1.591521		-16.3	30	
ADONA	A	9.45	8.73	0.6835662	0.616318		-7.6	30	
HFPO-DA (Gen-X)	A	10.0	9.53	2.627831E-02	2.376524E-02		-4.7	30	
N-EtFOSA	A	2.50	2.22	1.292542	1.125646		-11.2	30	
N-EtFOSAA	A	2.50	2.35	1.013545	0.933414		-5.9	30	
N-EtFOSE	A	25.0	28.0	2.068117	2.192952		11.9	30	
N-MeFOSA	A	2.50	2.54	0.8235693	0.8445002		1.6	30	
N-MeFOSAA	A	2.50	2.47	0.9591199	0.9524213		-1.1	30	
N-MeFOSE	A	25.0	22.4	0.9845775	0.8605757		-10.5	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.10	1.186955	1.075032		-7.9	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	1.82	0.94736	0.6837572		-24.5	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	1.88	3.175636	2.482001		-20.9	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	1.61	2.455469	1.644234		-33.0	30	*
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	1.87	1.931445	1.455596		-25.2	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.28	1.598996	1.475376		-2.9	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.53	1.064465E-02	1.037209E-02		-9.4	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	LCQQQ	Calibration:	SD50025
Lab File ID:	QQQ53157.d	Calibration Date:	04/18/25 08:00
Sequence:	S5E0835	Injection Date:	05/08/25
Lab Sample ID:	S5E0835-CCV3	Injection Time:	18:23

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	4.80	0.3270519	0.3137136		-4.1	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.55	0.4177027	0.3722907		-8.9	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.13	1.273813	1.21466		-4.0	30	
Perfluorodecanoic acid (PFDA)	A	2.50	2.42	1.020614	0.9584961		-3.3	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	1.59	0.5483041	0.3487602		-34.2	30	*
Perfluorododecanoic acid (PFDoA)	A	2.50	2.31	0.7837655	0.7376454		-7.7	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	2.71	3.363213	3.625262		8.3	30	
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.18	1.340507	1.229344		-4.6	30	
Perfluorohexanoic acid (PFHxA)	A	2.50	2.34	1.208463	1.11621		-6.4	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	9.30	0.911232	0.8448594		-7.0	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.07	3.164306	2.6755		-17.2	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	1.85	3.008452	2.264846		-20.3	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.06	1.169704	0.96857		-17.7	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	4.57	1.108705	1.015494		-8.6	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.25	1.033237	0.9618326		-10.0	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.18	1.235056	1.106245		-12.8	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.97	0.7504082	0.8935877		18.7	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	LCQQQ	Calibration:	SD50025
Lab File ID:	QQQ53287.d	Calibration Date:	04/18/25 08:00
Sequence:	S5E1331	Injection Date:	05/12/25
Lab Sample ID:	S5E1331-CCV1	Injection Time:	20:38

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	8.12	1.236176	1.030733		-14.1	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.1	0.2375612	0.2358104		5.5	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	8.16	1.166132	1.006765		-13.1	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	7.91	1.478145	1.20048		-16.7	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	62.4	0.1835834	0.1870144		-0.4	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	52.5	0.1512891	0.1304966		-16.1	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	11.9	2.287886E-02	2.164948E-02		-4.6	30	
9CL-PF3ONS	A	9.35	8.05	1.942539	1.637776		-13.9	30	
ADONA	A	9.45	9.17	0.6835662	0.6468364		-3.0	30	
HFPO-DA (Gen-X)	A	10.0	9.51	2.627831E-02	2.372742E-02		-4.9	30	
N-EtFOSA	A	2.50	2.95	1.292542	1.487377		17.9	30	
N-EtFOSAA	A	2.50	2.30	1.013545	0.9125137		-8.0	30	
N-EtFOSE	A	25.0	25.1	2.068117	1.970135		0.2	30	
N-MeFOSA	A	2.50	2.59	0.8235693	0.8621221		3.7	30	
N-MeFOSAA	A	2.50	2.30	0.9591199	0.8859164		-8.1	30	
N-MeFOSE	A	25.0	23.6	0.9845775	0.9043523		-5.7	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.15	1.186955	1.088076		-6.8	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.03	0.94736	0.7610038		-15.8	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.02	3.175636	2.653739		-15.3	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	1.66	2.455469	1.700073		-30.8	30	*
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	1.77	1.931445	1.381171		-29.1	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.26	1.598996	1.461958		-3.8	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.29	1.064465E-02	9.830598E-03		-14.2	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	LCQQQ	Calibration:	SD50025
Lab File ID:	QQQ53287.d	Calibration Date:	04/18/25 08:00
Sequence:	S5E1331	Injection Date:	05/12/25
Lab Sample ID:	S5E1331-CCV1	Injection Time:	20:38

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	4.35	0.3270519	0.2847924		-12.9	30
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.62	0.4177027	0.3776832		-7.6	30
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.04	1.273813	1.165182		-8.0	30
Perfluorodecanoic acid (PFDA)	A	2.50	2.41	1.020614	0.95537		-3.6	30
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	1.72	0.5483041	0.3760648		-28.8	30
Perfluorododecanoic acid (PFDoA)	A	2.50	2.32	0.7837655	0.7431059		-7.0	30
Perfluoroheptanoic acid (PFHpA)	A	2.50	2.57	3.363213	3.444918		3.0	30
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.09	1.340507	1.183249		-8.2	30
Perfluorohexanoic acid (PFHxA)	A	2.50	2.29	1.208463	1.093904		-8.3	30
Perfluoro-n-butanoic acid (PFBA)	A	10.0	9.33	0.911232	0.8468863		-6.7	30
Perfluorononanoic acid (PFNA)	A	2.50	2.35	3.164306	3.027507		-6.1	30
Perfluorooctanesulfonic acid (PFOS)	A	2.32	1.97	3.008452	2.411432		-14.9	30
Perfluorooctanoic acid (PFOA)	A	2.50	1.96	1.169704	0.9229344		-21.6	30
Perfluoropentanoic acid (PFPeA)	A	5.00	4.54	1.108705	1.009641		-9.1	30
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.44	1.033237	1.04343		-2.3	30
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.29	1.235056	1.161458		-8.3	30
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.62	0.7504082	0.7890325		4.8	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 7196A Hexavalent Chromium (Cr6+)
Data for York Analytical Laboratories, Inc., SDG: 25E0288

19 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 6, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported Cr6+ as not detected.

Spike Sample Recovery: The percent recoveries for Cr6+ were within acceptable limits (75-125%) for aqueous MS/MSD sample FB-3.

Two of two %Rs for Cr6+ were below QC limits (75-125%), but not below 10% for soil MS/MSD sample 25SB-1 (0-2). One of two percent recoveries (%Rs) for Cr6+ was below QC limits (75-125%), but not below 10% for soil MS/MSD sample 25SB-8 (0-2). Positive results for Cr6+ should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Laboratory Duplicate: The relative percent difference (RPD) for Cr6+ was below the allowable maximum (20%) for aqueous MS/MSD sample FB-3, as required. The relative percent differences for Cr6+ were below the allowable maximum (35%) for soil MS/MSD samples 25SB-1 (0-2) and 25SB-8 (0-2), as required.

Field Duplicates: The relative percent difference for trivalent chromium was below the allowable maximum (35%) for soil field duplicate pair 25SB-7 (0-2)/25SB-DUP-3 (0-2) (attached table), as required.

Laboratory Control Sample: The percent recoveries for Cr6+ were within QC limits for soil samples BE50636-SRM1 and BE50713-SRM1, and aqueous sample BE50448-BS1.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 7196A

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50636	Laboratory ID:	BE50636-MS1
Preparation:	EPA SW846-3060	Initial/Final:	2.5 g / 100 mL

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Chromium, Hexavalent	20.7	0.506	15.4	71.6 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 7196A

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50636	Laboratory ID:	BE50636-MSD1
Preparation:	EPA SW846-3060	Initial/Final:	2.5 g / 100 mL

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chromium, Hexavalent	20.7	14.3	66.6	*	6.91	200	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 7196A

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50713	Laboratory ID:	BE50713-MS1
Preparation:	EPA SW846-3060	Initial/Final:	2.5 g / 100 mL

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Chromium, Hexavalent	20.9	ND	17.3	82.7	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 7196A

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50713	Laboratory ID:	BE50713-MSD1
Preparation:	EPA SW846-3060	Initial/Final:	2.5 g / 100 mL

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chromium, Hexavalent	20.9	14.7	70.2	*	16.3	200	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data for
York Analytical Laboratories, Inc., SDG: 25E0288

19 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected May 6, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were analyzed within the USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recovery (%R) for antimony was above control limits (90-110%), but not above 150% for S5E0904-CCV3. The %R for potassium was above control limits (90-110%), but not above 150% for S5E0929-CCVG. The %R for selenium was above control limits (90-110%), but not above 150% for S5E0929-CCVH. Positive results for these metals should be considered estimated, biased high (J+) in associated samples.

The %R for silver was below control limits (90-110%), but not below 50% for S5E0929-CCVG. Positive results for silver should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated samples.

CRDL Standard: The percent recoveries for applicable metals were within laboratory QC limits for the CRDL samples.

Blanks: Method blank BE50637-BLK1 contained potassium (4.17 mg/kg) above the MRL. Field blank FB-3 contained calcium (0.902 mg/L), magnesium (0.0892 mg/L), potassium (0.338 mg/L), and sodium (1.12 mg/L) above the MRLs. Positive results for these metals that are less than 5 times the highest blank level should be reported as not detected in associated samples.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%) for the interference check samples.

Spike Sample Recovery: The percent recoveries (%Rs) for antimony, chromium, and mercury were below control limits (75-125%), but not below 10% for soil spike sample 25SB-1 (0-2). The %Rs for antimony, lead, sodium, and zinc below control limits (75-125%), but not below 10% for soil spike sample 25SB-8 (0-2). Positive results for these metals should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Laboratory Duplicate: The relative percent differences (RPDs) for applicable metals were below the allowable maximum (35%) for soil duplicate sample 25SB-1 (0-2), as required.

The RPD for calcium was above the allowable maximum (35%) for soil duplicate sample 25SB-8 (0-2). Positive results calcium should be considered estimated (J) in associated soil samples.

Field Duplicates: The relative percent difference for barium was above the allowable maximum (35%) for soil field duplicate pair 25SB-7 (0-2)/25-SBDUP-3 (0-2). Positive results calcium should be considered estimated (J) in samples 25SB-7 (0-2) and 25-SBDUP-3 (0-2).

Laboratory Control Sample: The percent recovery (%R) for antimony was above control limits for aqueous sample BE50472-BS1. The %R for calcium was above control limits for aqueous sample BE50475-BS1. Positive results for antimony and calcium should be considered estimated, biased high (J+) in associated aqueous samples.

The %R for cadmium was below control limits, but not below 10% for soil sample BE50583-SRM1. The %Rs for barium, cadmium, calcium, chromium, cobalt, and silver were below control limits, but not below 10% for soil sample BE50634-SRM1. Positive results for these metals should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Serial Dilution: The %Ds for 15 metals (highlighted yellow on attached form) were above the allowable maximum (15%) for soil serial dilution sample 25SB-8 (0-2). The %Ds for 14 metals (highlighted yellow on attached form) were above the allowable maximum (15%) for soil serial dilution sample 25SB-1 (0-2). Positive results for these metals that are above the RLs should be considered estimated (J) in associated soil samples.

Detection Limits: The LODs were at or below POQs, as required.

Percent Solids: The percent solids for soil samples were above 50%.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 6020B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50472	Laboratory ID:	BE50472-BS1
Preparation:	EPA 3015A	Initial/Final:	45 mL / 50 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Antimony	50.0	61.2	122 *	80 - 120
Arsenic	50.0	51.5	103	80 - 120
Beryllium	50.0	57.3	115	80 - 120
Cadmium	50.0	58.4	117	80 - 120
Selenium	50.0	53.7	107	80 - 120
Thallium	50.0	47.0	94.1	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Instrument ID: Nexion2000C
Calibration: 05/09/25
Control Limt: +/- 10.00%
Sequence: S5E0904

Lab Sample ID	Analyte	True	Found	%R		Units	Method
S5E0904-ICV1	Antimony	50.0	55.6	111	*	ug/L	EPA 6020B
	Arsenic	50.0	47.0	94.0		ug/L	EPA 6020B
	Beryllium	50.0	51.0	102		ug/L	EPA 6020B
	Cadmium	50.0	49.3	98.6		ug/L	EPA 6020B
	Selenium	50.0	48.1	96.1		ug/L	EPA 6020B
	Thallium	50.0	51.3	103		ug/L	EPA 6020B
S5E0904-CCV1	Antimony	50.0	56.5	113	*	ug/L	EPA 6020B
	Arsenic	50.0	48.2	96.4		ug/L	EPA 6020B
	Beryllium	50.0	51.8	104		ug/L	EPA 6020B
	Cadmium	50.0	50.7	101		ug/L	EPA 6020B
	Selenium	50.0	47.8	95.6		ug/L	EPA 6020B
	Thallium	50.0	51.0	102		ug/L	EPA 6020B
S5E0904-CCV2	Antimony	50.0	56.6	113	*	ug/L	EPA 6020B
	Arsenic	50.0	47.2	94.4		ug/L	EPA 6020B
	Beryllium	50.0	51.2	102		ug/L	EPA 6020B
	Cadmium	50.0	55.1	110		ug/L	EPA 6020B
	Selenium	50.0	50.4	101		ug/L	EPA 6020B
	Thallium	50.0	51.2	102		ug/L	EPA 6020B
S5E0904-CCV3	Antimony	50.0	56.0	112	*	ug/L	EPA 6020B
	Arsenic	50.0	47.8	95.6		ug/L	EPA 6020B
	Beryllium	50.0	54.0	108		ug/L	EPA 6020B
	Cadmium	50.0	54.8	110		ug/L	EPA 6020B
	Selenium	50.0	48.4	96.7		ug/L	EPA 6020B
	Thallium	50.0	48.6	97.1		ug/L	EPA 6020B
S5E0904-CCV4	Antimony	50.0	60.0	120	*	ug/L	EPA 6020B
	Arsenic	50.0	47.3	94.5		ug/L	EPA 6020B
	Beryllium	50.0	56.2	112	*	ug/L	EPA 6020B
	Cadmium	50.0	53.2	106		ug/L	EPA 6020B
	Selenium	50.0	48.6	97.1		ug/L	EPA 6020B
	Thallium	50.0	49.3	98.6		ug/L	EPA 6020B

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010D

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50583	Laboratory ID:	BE50583-MS1
Preparation:	EPA 3050B	Initial/Final:	0.6 g / 50 mL

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Aluminum	173	6510	6250	NA	75 - 125
Antimony	21.6	ND	5.08	23.5 *	75 - 125
Arsenic	173	1.30	147	84.5	75 - 125
Barium	173	33.7	185	87.5	75 - 125
Beryllium	4.32	0.073	4.07	92.5	75 - 125
Cadmium	4.32	ND	3.51	81.2	75 - 125
Calcium	86.5	1100	1070	NA	75 - 125
Chromium	17.3	13.0	25.7	73.8 *	75 - 125
Cobalt	43.2	4.82	41.7	85.3	75 - 125
Copper	21.6	13.3	32.6	89.6	75 - 125
Iron	86.5	9910	9130	NA	75 - 125
Lead	43.2	3.22	39.3	83.5	75 - 125
Magnesium	86.5	2680	2690	NA	75 - 125
Manganese	43.2	241	329	NA	75 - 125
Nickel	43.2	10.4	47.1	85.1	75 - 125
Potassium	86.5	1140	998	NA	75 - 125
Selenium	173	ND	141	81.8	75 - 125
Silver	4.32	ND	3.74	86.6	75 - 125
Sodium	86.5	101	175	85.2	75 - 125
Thallium	173	ND	145	83.6	75 - 125
Vanadium	43.2	17.2	53.8	84.8	75 - 125
Zinc	43.2	22.7	55.9	76.7	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NA - The sample concentration is greater than 4X the spiking level; therefore, the %REC is not applicable.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010D

25SB-8 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50637	Laboratory ID:	BE50637-MS1
Preparation:	EPA 3050B	Initial/Final:	0.6 g / 50 mL

Source Sample Name: 25SB-8 (0-2)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Aluminum	174	7400	7900	NA	75 - 125
Antimony	21.8	ND	3.67	16.9 *	75 - 125
Arsenic	174	2.72	143	80.4	75 - 125
Barium	174	59.0	212	87.9	75 - 125
Beryllium	4.35	ND	3.80	87.3	75 - 125
Cadmium	4.35	ND	3.46	79.4	75 - 125
Calcium	87.1	7740	7490	NA	75 - 125
Chromium	17.4	18.0	33.2	87.6	75 - 125
Cobalt	43.5	7.16	43.1	82.6	75 - 125
Copper	21.8	25.3	45.1	91.1	75 - 125
Iron	87.1	15200	16300	NA	75 - 125
Lead	43.5	59.4	67.4	18.4 *	75 - 125
Magnesium	87.1	4120	4170	NA	75 - 125
Manganese	43.5	315	370	NA	75 - 125
Nickel	43.5	15.1	50.6	81.4	75 - 125
Potassium	87.1	1750	1860	124	75 - 125
Selenium	174	ND	135	77.7	75 - 125
Silver	4.35	ND	3.71	85.2	75 - 125
Sodium	87.1	192	254	71.2 *	75 - 125
Thallium	174	ND	138	79.2	75 - 125
Vanadium	43.5	23.5	60.2	84.3	75 - 125
Zinc	43.5	70.6	89.2	42.5 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NA - The sample concentration is greater than 4X the spiking level; therefore, the %REC is not applicable.

DUPLICATES

EPA 6010D

25SB-8 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Laboratory ID: BE50637-DUP1
Batch: BE50637
Lab Source ID: 25E0288-18
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL
Source Sample Name: 25SB-8 (0-2)
% Solids: 95.70

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Aluminum	35	7400		7270		1.73		EPA 6010D
Antimony	35	ND		ND				EPA 6010D
Arsenic	35	2.72		2.33		15.2		EPA 6010D
Barium	35	59.0		66.1		11.4		EPA 6010D
Beryllium	35	ND		ND				EPA 6010D
Cadmium	35	ND		ND				EPA 6010D
Calcium	35	7740		5250		38.4	*	EPA 6010D
Chromium	35	18.0		16.5		8.28		EPA 6010D
Cobalt	35	7.16		6.84		4.48		EPA 6010D
Copper	35	25.3		25.3		0.0345		EPA 6010D
Iron	35	15200		15400		1.46		EPA 6010D
Lead	35	59.4		47.3		22.7		EPA 6010D
Magnesium	35	4120		4030		2.28		EPA 6010D
Manganese	35	315		334		6.03		EPA 6010D
Nickel	35	15.1		15.0		1.21		EPA 6010D
Potassium	35	1750		1700		2.65		EPA 6010D
Selenium	35	ND		ND				EPA 6010D
Silver	35	ND		ND				EPA 6010D
Sodium	35	192		183		4.43		EPA 6010D
Thallium	35	ND		ND				EPA 6010D
Vanadium	35	23.5		22.9		2.67		EPA 6010D
Zinc	35	70.6		62.4		12.4		EPA 6010D

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 6010D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BE50475	Laboratory ID:	BE50475-BS1
Preparation:	EPA 3015A	Initial/Final:	45 mL / 50 mL

COMPOUND	SPIKE ADDED (ug/mL)	LCS CONCENTRATION (ug/mL)	LCS % REC. #	QC LIMITS REC.
Aluminum	2.00	1.94	97.0	80 - 120
Barium	2.00	1.94	96.8	80 - 120
Calcium	1.00	1.60	160 *	80 - 120
Chromium	0.200	0.195	97.4	80 - 120
Cobalt	0.500	0.483	96.6	80 - 120
Copper	0.250	0.247	98.9	80 - 120
Iron	1.00	0.927	92.7	80 - 120
Lead	0.500	0.476	95.3	80 - 120
Magnesium	1.00	1.00	100	80 - 120
Manganese	0.500	0.488	97.6	80 - 120
Nickel	0.500	0.489	97.7	80 - 120
Potassium	1.00	1.02	102	80 - 120
Silver	0.0500	0.0466	93.2	80 - 120
Sodium	1.00	1.20	120	80 - 120
Vanadium	0.500	0.471	94.2	80 - 120
Zinc	0.500	0.498	99.5	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50583
Laboratory ID: BE50583-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	7680	6060	79.0	47.4 - 130.2
Antimony	250	55.0	22.0	2.4 - 102.4
Arsenic	229	170	74.0	68.1 - 99.6
Barium	244	203	83.2	73.4 - 106.1
Beryllium	165	132	80.2	72.7 - 104.2
Cadmium	134	92.6	69.1 *	69.5 - 100.7
Calcium	4280	3420	79.9	78.5 - 112.1
Chromium	172	130	75.5	72.1 - 105.8
Cobalt	253	197	77.8	75.9 - 107.1
Copper	99.6	83.4	83.7	76.1 - 107.4
Iron	7360	6130	83.2	57.9 - 132.7
Lead	153	125	82.0	75.2 - 109.2
Magnesium	2060	1690	81.9	70.4 - 114
Manganese	442	357	80.8	73.3 - 107.9
Nickel	165	125	75.6	70.9 - 103
Potassium	1950	1620	83.0	65.1 - 115.4
Selenium	107	83.8	78.3	69.4 - 107.5
Silver	83.9	70.3	83.8	72.8 - 110.7
Sodium	732	579	79.1	66.5 - 113.9
Thallium	208	157	75.4	70.7 - 105.3
Vanadium	179	134	74.7	69.8 - 108.4
Zinc	327	240	73.4	68.2 - 107.3

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE50634
Laboratory ID: BE50634-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	7680	6280	81.7	47.4 - 130.2
Antimony	250	57.3	22.9	2.4 - 102.4
Arsenic	229	162	70.6	68.1 - 99.6
Barium	244	168	69.0 *	73.4 - 106.1
Beryllium	165	125	75.7	72.7 - 104.2
Cadmium	134	89.2	66.5 *	69.5 - 100.7
Calcium	4280	3290	77.0 *	78.5 - 112.1
Chromium	172	123	71.5 *	72.1 - 105.8
Cobalt	253	186	73.6 *	75.9 - 107.1
Copper	99.6	79.5	79.8	76.1 - 107.4
Iron	7360	6060	82.3	57.9 - 132.7
Lead	153	121	79.0	75.2 - 109.2
Magnesium	2060	1670	80.9	70.4 - 114
Manganese	442	332	75.1	73.3 - 107.9
Nickel	165	118	71.7	70.9 - 103
Potassium	1950	1640	84.0	65.1 - 115.4
Selenium	107	78.3	73.1	69.4 - 107.5
Silver	83.9	58.6	69.8 *	72.8 - 110.7
Sodium	732	559	76.4	66.5 - 113.9
Thallium	208	151	72.8	70.7 - 105.3
Vanadium	179	127	71.0	69.8 - 108.4
Zinc	327	231	70.6	68.2 - 107.3

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

25SB-8 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Laboratory ID: S5E0929-SRD2
Sequence: S5E0929
Lab Source ID: 25E0288-18
Preparation: BE50583
Initial/Final: 0.6 / 50
Source Sample Name: 25SB-8 (0-2)
% Solids: 95.70

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	7400		10400		41.2 *		EPA 6010D	10
Antimony	ND		ND				EPA 6010D	10
Arsenic	2.72		ND				EPA 6010D	10
Barium	59.0		81.4		38.1 *		EPA 6010D	10
Beryllium	ND		ND				EPA 6010D	10
Cadmium	ND		ND				EPA 6010D	10
Calcium	7740		11000		41.7 *		EPA 6010D	10
Chromium	18.0		24.9		38.4 *		EPA 6010D	10
Cobalt	7.16		9.97		39.3 *		EPA 6010D	10
Copper	25.3		33.0		30.9 *		EPA 6010D	10
Iron	15200		20500		34.5 *		EPA 6010D	10
Lead	59.4		82.1		38.2 *		EPA 6010D	10
Magnesium	4120		5800		40.7 *		EPA 6010D	10
Manganese	315		441		40.3 *		EPA 6010D	10
Nickel	15.1		21.0		38.6 *		EPA 6010D	10
Potassium	1750		2430		38.8 *		EPA 6010D	10
Selenium	ND		ND				EPA 6010D	10
Silver	ND		ND				EPA 6010D	10
Sodium	192		259		35.0 *		EPA 6010D	10
Thallium	ND		ND				EPA 6010D	10
Vanadium	23.5		31.8		35.4 *		EPA 6010D	10
Zinc	70.6		100		42.1 *		EPA 6010D	10

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

25SB-1 (0-2)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Laboratory ID: S5E0929-SRD4
Sequence: S5E0929
Lab Source ID: 25E0288-04
Preparation: BE50583
Initial/Final: 0.6 / 50
Source Sample Name: 25SB-1 (0-2)
% Solids: 96.39

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	6510		9100		39.8 *		EPA 6010D	10
Antimony	ND		ND				EPA 6010D	10
Arsenic	1.30		ND				EPA 6010D	10
Barium	33.7		46.9		39.4 *		EPA 6010D	10
Beryllium	0.073		ND				EPA 6010D	10
Cadmium	ND		ND				EPA 6010D	10
Calcium	1100		1550		41.2 *		EPA 6010D	10
Chromium	13.0		17.8		37.4 *		EPA 6010D	10
Cobalt	4.82		6.83		41.8 *		EPA 6010D	10
Copper	13.3		18.0		35.7 *		EPA 6010D	10
Iron	9910		13400		35.2 *		EPA 6010D	10
Lead	3.22		3.72		15.3 *		EPA 6010D	10
Magnesium	2680		3770		40.9 *		EPA 6010D	10
Manganese	241		336		39.6 *		EPA 6010D	10
Nickel	10.4		15.0		44.8 *		EPA 6010D	10
Potassium	1140		1650		44.7 *		EPA 6010D	10
Selenium	ND		ND				EPA 6010D	10
Silver	ND		ND				EPA 6010D	10
Sodium	101		ND				EPA 6010D	10
Thallium	ND		ND				EPA 6010D	10
Vanadium	17.2		23.3		35.7 *		EPA 6010D	10
Zinc	22.7		32.1		41.0 *		EPA 6010D	10

* Values outside of QC limits

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Instrument ID: ICP5900-01
Project: 32-20 38th Avenue, Queens New York
Sequence: S5E0929
Calibration: 05/09/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
BE50637-BLK1	Aluminum	0.433	4.17	mg/kg wet		EPA 6010D
	Antimony	-0.058	2.08	mg/kg wet		EPA 6010D
	Arsenic	0.108	1.25	mg/kg wet		EPA 6010D
	Barium	-0.008	2.08	mg/kg wet		EPA 6010D
	Beryllium	-0.006	0.042	mg/kg wet		EPA 6010D
	Cadmium	0.008	0.250	mg/kg wet		EPA 6010D
	Calcium	-0.092	4.17	mg/kg wet		EPA 6010D
	Chromium	0.017	0.417	mg/kg wet		EPA 6010D
	Cobalt	-0.008	0.333	mg/kg wet		EPA 6010D
	Copper	0.100	1.67	mg/kg wet		EPA 6010D
	Iron	-1.48	20.8	mg/kg wet		EPA 6010D
	Lead	-0.150	0.417	mg/kg wet		EPA 6010D
	Magnesium	0.025	4.17	mg/kg wet		EPA 6010D
	Manganese	0.00	0.417	mg/kg wet		EPA 6010D
	Nickel	0.058	0.830	mg/kg wet		EPA 6010D
	Potassium	8.53	4.17	mg/kg wet	*	EPA 6010D
	Selenium	0.017	2.08	mg/kg wet		EPA 6010D
	Silver	-0.083	0.420	mg/kg wet		EPA 6010D
	Sodium	2.01	41.7	mg/kg wet		EPA 6010D
	Thallium	0.533	1.67	mg/kg wet		EPA 6010D
	Vanadium	0.017	0.830	mg/kg wet		EPA 6010D
	Zinc	-0.108	2.08	mg/kg wet		EPA 6010D
S5E0929-CCBA	Aluminum	0.015	0.050	ug/mL		EPA 6010D
	Antimony	0.0004	0.025	ug/mL		EPA 6010D
	Arsenic	-0.001	0.015	ug/mL		EPA 6010D
	Barium	0.0002	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00007	0.0005	ug/mL		EPA 6010D
	Cadmium	0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.0006	0.050	ug/mL		EPA 6010D
	Chromium	-0.0005	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0008	0.004	ug/mL		EPA 6010D
	Copper	0.002	0.020	ug/mL		EPA 6010D
	Iron	-0.013	0.250	ug/mL		EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0288
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Instrument ID: ICP5900-01
Calibration: 05/09/25
Control Limt: +/- 10.00%
Sequence: S5E0929

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S5E0929-CCVG	Copper	1.25	1.30	104	ug/mL	EPA 6010D
	Iron	5.00	5.36	107	ug/mL	EPA 6010D
	Lead	0.500	0.538	108	ug/mL	EPA 6010D
	Magnesium	25.0	25.9	104	ug/mL	EPA 6010D
	Manganese	2.50	2.54	101	ug/mL	EPA 6010D
	Nickel	2.50	2.52	101	ug/mL	EPA 6010D
	Potassium	5.00	5.54	111 *	ug/mL	EPA 6010D
	Selenium	0.500	0.549	110	ug/mL	EPA 6010D
	Silver	1.25	1.10	88.4 *	ug/mL	EPA 6010D
	Sodium	25.0	25.7	103	ug/mL	EPA 6010D
	Thallium	0.500	0.513	103	ug/mL	EPA 6010D
	Vanadium	2.50	2.54	102	ug/mL	EPA 6010D
	Zinc	2.50	2.49	99.7	ug/mL	EPA 6010D
S5E0929-CCVH	Aluminum	10.0	10.3	103	ug/mL	EPA 6010D
	Antimony	0.250	0.253	101	ug/mL	EPA 6010D
	Arsenic	0.500	0.540	108	ug/mL	EPA 6010D
	Barium	10.0	10.1	101	ug/mL	EPA 6010D
	Beryllium	0.250	0.270	108	ug/mL	EPA 6010D
	Cadmium	0.250	0.255	102	ug/mL	EPA 6010D
	Calcium	25.0	25.7	103	ug/mL	EPA 6010D
	Chromium	1.00	1.02	102	ug/mL	EPA 6010D
	Cobalt	2.50	2.52	101	ug/mL	EPA 6010D
	Copper	1.25	1.31	105	ug/mL	EPA 6010D
	Iron	5.00	5.28	106	ug/mL	EPA 6010D
	Lead	0.500	0.535	107	ug/mL	EPA 6010D
	Magnesium	25.0	26.1	104	ug/mL	EPA 6010D
	Manganese	2.50	2.56	102	ug/mL	EPA 6010D
	Nickel	2.50	2.54	102	ug/mL	EPA 6010D
	Potassium	5.00	5.45	109	ug/mL	EPA 6010D
	Selenium	0.500	0.556	111 *	ug/mL	EPA 6010D
	Silver	1.25	1.34	107	ug/mL	EPA 6010D
	Sodium	25.0	25.8	103	ug/mL	EPA 6010D
	Thallium	0.500	0.520	104	ug/mL	EPA 6010D
	Vanadium	2.50	2.57	103	ug/mL	EPA 6010D
	Zinc	2.50	2.52	101	ug/mL	EPA 6010D
S5E0929-CCVI	Aluminum	10.0	10.2	102	ug/mL	EPA 6010D
	Antimony	0.250	0.255	102	ug/mL	EPA 6010D

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 7473

25SB-1 (0-2)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0288
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE50787	Laboratory ID:	BE50787-MS1
Preparation:	EPA 7473 soil	Initial/Final:	0.2 g / 0.2 g

Source Sample Name: 25SB-1 (0-2)

COMPOUND	SPIKE ADDED (mg/kg)	SAMPLE CONCENTRATION (mg/kg)	MS CONCENTRATION (mg/kg)	MS % REC. #	QC LIMITS REC.
Mercury	1.00	0.0202	0.648	62.8 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Field Duplicate Calculation Section

Semi-Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 25E0288

S1= 25SB-7 (0-2) **S2=** 25SB-DUP-3 (0-2)

Analyte	S1	S2	RPD (%)	
Anthracene	0.352	0.206	52%	*
Benzo(a)anthracene	0.174	0.256	38%	*
Benzo(a)pyrene	0.18	0.247	31%	
Benzo(b)fluoranthene	0.21	0.285	30%	
Benzo(g,h,i)perylene	0.125	0.152	19%	
Benzo(k)fluoranthene	**0.0886**	0.116	NC	
Chrysene	0.177	0.294	50%	*
Fluoranthene	0.392	0.39	1%	
Indeno(1,2,3-cd)pyrene	0.107	0.147	31%	
Phenanthrene	0.357	0.211	51%	*
Pyrene	0.417	0.559	29%	

* RPD is above the allowable maximum 35%.

Results are in units of mg/kg.

Bold numbers were values that are below the CRQL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

General Chemistries

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 25E0288

S1= 25SB-7 (0-2) **S2=** 25SB-DUP-3 (0-2)

Analyte	S1	S2	RPD (%)
Chromium, Hexavalent	ND	ND	NC
Chromium, Trivalent	16.5	15.9	4%

* RPD is above the allowable maximum 35%.

Results are in units of mg/kg.

Bold numbers were values that are below the RL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

TAL Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 25E0288

S1= 25SB-7 (0-2) **S2=** 25SB-DUP-3 (0-2)

Analyte	S1	S2	RPD (%)	
aluminum	7640	7870	3%	
antimony	ND	ND	NC	
arsenic	2.66	3.57	29%	
barium	77.3	51.2	41%	*
beryllium	0.078	ND	NC	
cadmium	ND	ND	NC	
calcium	2760	2600	6%	
chromium	16.5	15.9	4%	
cobalt	6.29	6.17	2%	
copper	27.7	32.5	16%	
iron	14300	14100	1%	
lead	96.3	76.4	23%	
magnesium	3730	3570	4%	
manganese	299	269	11%	
mercury	ND	0.131	NC	
nickel	12	12.2	2%	
potassium	1110	1470	28%	
selenium	ND	ND	NC	
silver	ND	ND	NC	
sodium	263	331	23%	
thallium	ND	ND	NC	
vanadium	20.1	20.5	2%	
zinc	106	146	32%	

* RPD is above the allowable maximum 35%.

Results are in units of mg/kg.

Bold numbers were values that are below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

April 16, 2026

Mr. David Klein
Project Manager
vEKtor consultants
555 8th Avenue, Suite 2302
New York, NY 10018

Re: Data Validation Report
Former Refron Inc. Gas Reclamation Site
February 2026 Soil Sampling Event

Dear Mr. Klein,

The Data Usability Summary Reports are attached to this letter for the Former Refron Inc. Gas Reclamation Site, February 2026 soil sampling event. The data for ALS Environmental SDG number 26B0173 are mostly acceptable, with issues that are identified in the DUSR and QA/QC review summaries. There are data that are rejected, unusable (R) in the data pack. The DUSR and QA/QC reviews outlines the reasons for rejecting the data. The data are rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of data validation acronyms and qualifiers is attached to assist you in interpreting the data validation reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for providing us an opportunity with vEKtor consultants.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

z:\projects\2026\26600-26620\26604-32-10 38th ave\task 1 dusr\temp-review\corrections made\32-10 38th ave-261c.ltr.docx

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Polyfluorinated Alkyl Substances (PFAS) Acronyms

PFBA	Perfluorobutanoic acid
PFPeA	Perfluoropentanoic acid
PFHxA	Perfluorohexanoic acid
PFHpA	Perfluoroheptanoic acid
PFOA	Perfluorooctanoic acid
PFNA	Perfluorononanoic acid
PFDA	Perfluorodecanoic acid
PFUnA	Perfluoroundecanoic acid
PFDoA	Perfluorododecanoic acid
PFTriA or PFTrDA	Perfluorotridecanoic acid
PFTeA or PFTA	Perfluorotetradecanoic acid
PFBS	Perfluorobutanesulfonic acid
PFPeS	Perfluoropentanesulfonic acid
PFHxS	Perfluorohexanesulfonic acid
PFHpS	Perfluoroheptanesulfonic acid
PFOS	Perfluorooctanesulfonic acid
PFNS	Perfluorononanesulfonic acid
PFDS	Perfluorodecanesulfonic acid
FOSA	Perfluorooctane Sulfonamide
NMeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid
NEtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid
4:2 FTS or 4:2	1H, 1H, 2H, 2H-perfluorohexanesulfonic acid
6:2 FTS or 6:2	1H, 1H, 2H, 2H-perfluorooctanesulfonic acid or 6:2 Fluorotelomersulfonate
8:2 FTS or 8:2	1H, 1H, 2H, 2H-perfluorodecanesulfonic acid or 8:2 Fluorotelomersulfonate

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
ALS Environmental, SDG: 26B0173

9 Soil Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected February 4, 2026

Prepared by: Donald Anné
April 16, 2026

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 9 soil samples, 1 field duplicate, 1 field blank, and 1 trip blank analyzed for volatiles, and results of 9 soil samples, 1 field duplicate, and 1 field blank analyzed for semi-volatiles, 1,4-dioxane by SIM, PFAS pesticides, PCBs, and TAL metals.

The overall performances of the analyses are acceptable. ALS Environmental did fulfill the requirements of the analytical methods except for ICP metals.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The "not detected" PCB results for target aroclors were qualified as "rejected, unusable" (R) for sample 26SB-4 (0-2) because 1 of 2 surrogate recoveries for the sample were below QC limits and below 10% on both columns.

- The "not detected" pesticide results for target pesticides were qualified as "rejected, unusable" (R) for sample 26SB-4 (0-2) because 1 of 2 surrogate recoveries for the sample were below QC limits and below 10% on both columns.

- The positive pesticide result for 4,4'-DDE was qualified as "estimated, presumptive evidence" (JN) for sample 26SB-2 (0-2) because the %Diff for dual column quantitation of 4,4'-DDE was above the allowable maximum and above 70%, but not above 100%.

- The positive pesticide result for total chlordane was qualified as "estimated, biased low" (J-) for sample 26SB-2 (7-9) because the %Diff for dual column quantitation of total chlordane was above the allowable maximum, but was not above 70% and the lower result was reported.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

- The positive metal results for sodium were qualified as estimated, biased high (J+) for all 9 soil samples and field duplicate because the percent recovery for sodium was above control limits in the associated soil spike sample.

- The "not detected" metal results for antimony were qualified as estimated (UJ) for all 9 soil samples and field duplicate because the percent recovery for antimony was below control limits, but not below 10% in the associated soil spike sample.

- The positive metal results for lead and magnesium were qualified as estimated (J) for samples 26SB-1 (15-17) and Field Dup-020426 because the relative percent differences for lead and magnesium were above the allowable maximum for the soil field duplicate pair 26SB-1 (15-17)/Field Dup-020426.

- The positive volatile results for acetone were qualified as "not detected" (U) for samples 26SB-2 (0-2), 26SB-2 (7-9), and Field Dup-020426 because the level reported in the samples were not significantly greater than (more than 10 times) the highest associated blank level.

- The "not detected" volatile results for dichlorodifluoromethane and tetrachloroethylene was qualified as "estimated" (UJ) for samples 26SB-4 (0-2) and 26SB-4 (5-7) because 2 of 2 percent recoveries for dichlorodifluoromethane and tetrachloroethylene were below QC limits, but not below 10% in the associated soil LCS/LCSD.

- The positive volatile result for acetone was qualified as "estimated, biased high" (J+) for the trip blank because 2 of 2 percent recoveries for acetone were above QC limits in the associated aqueous LCS/LCSD sample.

- The positive semi-volatile results for 15 compounds were qualified as "estimated, biased low" (J-) for sample 26SB-4 (17-19) because 1 or 2 percent recoveries for these 15 compounds were below QC limits in the soil MS/MSD sample.

- The "not detected" semi-volatile results for 7 compounds were qualified as "estimated" (UJ) for sample 26SB-4 (17-19) because 1 or 2 percent recoveries for these 7 compounds were below QC limits, but not below 10% in the soil MS/MSD sample.

- The "not detected" semi-volatile results for 7 compounds were qualified as "rejected, unusable" (R) for sample 26SB-4 (17-19) because 1 or 2 percent recoveries for these 7 compounds were below QC limits and below 10% in the soil MS/MSD sample.

- The positive semi-volatile results for 11 base/neutral compounds were qualified as "estimated, biased low" (J-) for sample 26SB-2 (0-2) because 1 of 3 base/neutral surrogate recoveries were below control limits and below 10% in the sample 26SB-2 (0-2).

- The "not detected" semi-volatile results for 67 compounds were qualified as "rejected, unusable" (R) sample 26SB-2 (0-2) because 1 of 3 acid extractable and 1 of 3 base/neutral surrogate recoveries were below control limits and below 10% in the sample 26SB-2 (0-2).

- The "not detected" semi-volatile results for benzo(a)pyrene and benzo(g,h,i) perylene were qualified as "estimated" (UJ) for samples 26SB-1 (0-2), 26SB-1 (6-8), and 26SB-1 (15-17) because the percent recoveries for benzo(a)pyrene and benzo(g,h,i) perylene were below QC limits, but not below 10% in the associated soil LCS.

- The "not detected" semi-volatile results for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocyclopentadiene were qualified as "rejected, unusable" (R) for samples 26SB-1 (0-2), 26SB-1 (6-8), and 26SB-1 (15-17) because the percent recoveries for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocyclopentadiene were below QC limits and below 10% in the associated soil LCS.

- The "not detected" semi-volatile result for pyridine was qualified as "rejected, unusable" (R) for the field blank because 1 of 2 percent recoveries for pyridine was below QC limits and below 30% in the associated aqueous LCS/LCSD.

- The "not detected" SIM semi-volatile result for n-nitrosodimethylamine and pentachlorophenol were qualified as "rejected, unusable" (R) for the field blank because the percent recoveries for n-nitrosodimethylamine and pentachlorophenol were below QC limits and below 30% in the associated aqueous LCS.

All data that are not qualified rejected (R) are considered usable with estimated (J-, J, J+, JN, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,1,1-Trichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,1,2-Trichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,1-Dichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,1-Dichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2,3-Trichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2,3-Trichloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2,4-Trichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2,4-Trimethylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2-Dibromoethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2-Dichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2-Dichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,2-Dichloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,3,5-Trimethylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,3-Dichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
1,4-Dichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
2-Butanone	ND	QL-02, ICVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
2-Hexanone	ND	QL-02, ICVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
4-Methyl-2-pentanone	ND	QL-02, ICVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Acetone	ND	ICVE	U	0.0067	0.013	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Acrolein	ND	ICVE	U	0.0067	0.013	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Acrylonitrile	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Benzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Bromochloromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Bromodichloromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Bromoform	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Bromomethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Carbon disulfide	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Carbon tetrachloride	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Chlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Chloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Chloroform	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Chloromethane	ND	CCVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
cis-1,2-Dichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
cis-1,3-Dichloropropylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Cyclohexane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Dibromochloromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Dibromomethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Hexachlorobutadiene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Isopropylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Methyl acetate	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02, ICVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Methylcyclohexane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Methylene chloride	ND		U	0.0067	0.013	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
n-Butylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
n-Propylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
o-Xylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
p- & m- Xylenes	ND		U	0.0067	0.013	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
p-Isopropyltoluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
sec-Butylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Styrene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
tert-Butyl alcohol (TBA)	ND		U	0.017	0.033	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
tert-Butylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Tetrachloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Toluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
trans-1,2-Dichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
trans-1,3-Dichloropropylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Trichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Trichlorofluoromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Vinyl Chloride	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS
Xylenes, Total	ND		U	0.010	0.020	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:26	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*102 %*		*77-125*	*EPA 8260D*	*2/10/26 02:26*
Surrogate: SURR: Toluene-d8	*103 %*		*85-120*	*EPA 8260D*	*2/10/26 02:26*
Surrogate: SURR: p-Bromofluorobenzene	*106 %*		*76-130*	*EPA 8260D*	*2/10/26 02:26*

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
1,2,4,5-Tetrachlorobenzene	ND		U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
1,2,4-Trichlorobenzene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
1,2-Dichlorobenzene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
1,3-Dichlorobenzene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
1,4-Dichlorobenzene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,3,4,6-Tetrachlorophenol	ND		U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,4,5-Trichlorophenol	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,4,6-Trichlorophenol	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,4-Dichlorophenol	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,4-Dimethylphenol	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,4-Dinitrophenol	ND R	CAL-E, CCVE	U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,4-Dinitrotoluene	ND	CAL-E	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2,6-Dinitrotoluene	ND	CAL-E	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2-Chloronaphthalene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2-Chlorophenol	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2-Methylnaphthalene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2-Methylphenol	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2-Nitroaniline	ND	CAL-E	U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
2-Nitrophenol	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
* 3- & 4-Methylphenols	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
3,3-Dichlorobenzidine	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
3-Nitroaniline	ND		U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4,6-Dinitro-2-methylphenol	ND R	QL-02, CAL-E, CCVE	U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4-Bromophenyl phenyl ether	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4-Chloro-3-methylphenol	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4-Chloroaniline	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4-Chlorophenyl phenyl ether	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4-Nitroaniline	ND		U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
4-Nitrophenol	ND		U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Acenaphthene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Acenaphthylene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Acetophenone	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Aniline	ND		U	0.186	0.372	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Anthracene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Atrazine	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzaldehyde	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzidine	ND		U	0.186	0.372	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzo(a)anthracene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzo(a)pyrene	ND UJ	QL-02, CCVE	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzo(b)fluoranthene	ND	CCVE	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzo(g,h,i)perylene	ND UJ	QL-02	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzo(k)fluoranthene	ND	CCVE	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzoic acid	ND	CAL-E	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzyl alcohol	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Benzyl butyl phthalate	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Bis(2-chloroethoxy)methane	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Bis(2-chloroethyl)ether	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Bis(2-chloroisopropyl)ether	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Bis(2-ethylhexyl)phthalate	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Caprolactam	ND		U	0.0928	0.185	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Carbazole	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Chrysene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Dibenzo(a,h)anthracene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Dibenzofuran	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Diethyl phthalate	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Dimethyl phthalate	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Di-n-butyl phthalate	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Di-n-octyl phthalate	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Fluoranthene	**0.0556**	J	JD	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Fluorene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Hexachlorobenzene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Hexachlorobutadiene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Hexachlorocyclopentadiene	ND R	QL-02, CCVE	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Hexachloroethane	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Indeno(1,2,3-cd)pyrene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Isophorone	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Naphthalene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Nitrobenzene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
N-Nitrosodimethylamine	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
N-nitroso-di-n-propylamine	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
N-Nitrosodiphenylamine	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Pentachlorophenol	ND	CAL-E	U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Phenanthrene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Phenol	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Pyrene	ND		U	0.0465	0.0928	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS
Pyridine	ND		U	0.186	0.372	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:17	SS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*49.9 %*		*20-108*	*EPA 8270E*	*2/10/26 12:17*
Surrogate: SURR: Phenol-d6	*48.1 %*		*23-114*	*EPA 8270E*	*2/10/26 12:17*
Surrogate: SURR: Nitrobenzene-d5	*50.8 %*		*22-108*	*EPA 8270E*	*2/10/26 12:17*
Surrogate: SURR: 2-Fluorobiphenyl	*41.8 %*		*21-113*	*EPA 8270E*	*2/10/26 12:17*
Surrogate: SURR: 2,4,6-Tribromophenol	*47.2 %*		*19-110*	*EPA 8270E*	*2/10/26 12:17*
Surrogate: SURR: Terphenyl-d14	*38.6 %*		*24-116*	*EPA 8270E*	*2/10/26 12:17*

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0673	0.199	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0914	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.135	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.126	0.206	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluorooctanoic acid (PFOA)	ND		U	0.159	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.208	0.209	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluorononanoic acid (PFNA)	ND		U	0.111	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluorodecanoic acid (PFDA)	ND		U	0.126	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.147	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluorododecanoic acid (PFDoA)	ND		U	0.136	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.114	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.118	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
N-MeFOSAA	ND		U	0.0904	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
N-EtFOSAA	ND		U	0.150	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoropentanoic acid (PFPeA)	ND		U	0.126	0.450	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0833	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.109	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.131	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.512	0.854	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.398	0.863	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.207	0.899	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.192	0.400	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.312	0.450	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.204	0.450	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.209	0.450	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0991	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.285	0.843	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
HFPO-DA (Gen-X)	ND		U	0.635	0.899	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
11CL-PF3OUdS	ND		U	0.376	0.850	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
9CL-PF3ONS	ND		U	0.567	0.841	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
ADONA	ND		U	0.476	0.850	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.157	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.142	0.216	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.693	1.12	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	1.18	5.62	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.31	5.62	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
N-MeFOSE	ND		U	0.877	2.25	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
N-MeFOSA	ND		U	0.218	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
N-EtFOSE	ND		U	0.909	2.25	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH
N-EtFOSA	ND		U	0.126	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:02	KFH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*108 %*		*40-135*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M5PFHxA	*115 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M4PFHpA	*109 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M3PFHxS	*105 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*109 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M6PFDA	*97.8 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M7PFUdA	*88.0 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*78.0 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M2PFTeDA	*81.3 %*		*20-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*103 %*		*8-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*93.5 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*110 %*		*35-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*101 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: d3-N-MeFOSAA	*92.3 %*		*40-135*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: d5-N-EtFOSAA	*94.5 %*		*40-150*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M2-6:2 FTS	*115 %*		*40-215*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M2-8:2 FTS	*104 %*		*40-275*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M9PFNA	*103 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M2-4:2 FTS	*116 %*		*40-165*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: d-N-MeFOSA	*76.2 %*		*10-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: d-N-EtFOSA	*66.3 %*		*10-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: M3HFPO-DA	*109 %*		*40-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: d9-N-EtFOSE	*69.8 %*		*15-130*	*EPA 1633A*	*2/15/26 07:02*
Surrogate: d7-N-MeFOSE	*74.7 %*		*20-130*	*EPA 1633A*	*2/15/26 07:02*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
4,4'-DDE	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
4,4'-DDT	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Aldrin	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
alpha-BHC	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
alpha-Chlordane	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
beta-BHC	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
delta-BHC	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Dieldrin	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Endosulfan I	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Endosulfan II	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Endosulfan sulfate	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Endrin	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Endrin aldehyde	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Endrin ketone	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
gamma-BHC (Lindane)	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
gamma-Chlordane	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Heptachlor	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Heptachlor epoxide	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Methoxychlor	ND		U	0.00184	0.00184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
Toxaphene	ND		U	0.184	0.184	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB
* Chlordane, total	ND		U	0.0367	0.0367	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:26	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*115 %*		*30-150*	*EPA 8081B*	*2/ 6/26 12:26*
Surrogate: Tetrachloro-m-xylene	*126 %*		*30-150*	*EPA 8081B*	*2/ 6/26 12:26*

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1221	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1232	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1242	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1248	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1254	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1260	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1262	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
Aroclor 1268	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF
* Total PCBs	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:36	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*106 %*		*30-120*	*EPA 8082A*	*2/ 6/26 21:36*
Surrogate: Decachlorobiphenyl	*122 %*	*S-GC, S-08*	*30-120*	*EPA 8082A*	*2/ 6/26 21:36*

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**13100**			4.68	4.68	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Antimony	ND UJ		U	2.34	2.34	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Arsenic	**5.01**			1.41	1.41	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Barium	**61.3**			2.34	2.34	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Beryllium	**0.472**			0.047	0.047	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Cadmium	ND		U	0.281	0.281	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Calcium	**18100**			4.68	4.68	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Chromium	**21.9**			0.469	0.469	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Cobalt	**7.66**			0.374	0.374	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Copper	**22.5**			1.87	1.87	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Iron	**16800**			23.4	23.4	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Lead	**60.0**			0.469	0.469	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Magnesium	**3330**			4.69	4.69	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Manganese	**220**			0.469	0.469	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Nickel	**15.0**			0.933	0.933	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Potassium	**1060**			4.69	4.69	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Selenium	ND		U	2.34	2.34	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Silver	ND		U	0.472	0.472	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Sodium	**357** J+			46.8	46.8	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Thallium	ND		U	1.12	1.88	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Vanadium	**30.6**			0.933	0.933	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT
Zinc	**52.5**			2.33	2.33	1	mg/kg dry	EPA 6010D	2/5/26 14:36	2/ 6/26 14:06	JWT

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.104**			0.00949	0.0337	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 10:32	LCB

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Client:	Vektor Consultants	**Sample ID:**	**26B0173-01**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (0-2)	**Collection Date/Time:**	2/4/26 9:25

Lab ID:	**26B0173-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.0**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2,3-Trichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2,4-Trichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2-Dibromoethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,2-Dichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
2-Butanone	ND	QL-02, ICVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
2-Hexanone	ND	QL-02, ICVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
4-Methyl-2-pentanone	ND	QL-02, ICVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Acetone	ND	ICVE	U	0.0056	0.011	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Acrolein	ND	ICVE	U	0.0056	0.011	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Acrylonitrile	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Benzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Bromochloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Bromodichloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Bromoform	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Bromomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Carbon disulfide	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Carbon tetrachloride	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Chlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Chloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Chloroform	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Chloromethane	ND	CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
cis-1,3-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Cyclohexane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Dibromochloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Dibromomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Ethyl Benzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Hexachlorobutadiene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Isopropylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Methyl acetate	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02, ICVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Methylcyclohexane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Methylene chloride	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
n-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
n-Propylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
o-Xylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
p- & m- Xylenes	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
p-Isopropyltoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
sec-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Styrene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
tert-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Tetrachloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Toluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Trichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Vinyl Chloride	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS
Xylenes, Total	ND		U	0.0084	0.017	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 02:53	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*98.7 %*		*77-125*	*EPA 8260D*	*2/10/26 02:53*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Toluene-d8	*105 %*		*85-120*	*EPA 8260D*	*2/10/26 02:53*
Surrogate: SURR: p-Bromofluorobenzene	*104 %*		*76-130*	*EPA 8260D*	*2/10/26 02:53*

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
1,2,4,5-Tetrachlorobenzene	ND		U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
1,2,4-Trichlorobenzene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
1,2-Dichlorobenzene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
1,3-Dichlorobenzene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
1,4-Dichlorobenzene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,3,4,6-Tetrachlorophenol	ND		U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,4,5-Trichlorophenol	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,4,6-Trichlorophenol	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,4-Dichlorophenol	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,4-Dimethylphenol	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,4-Dinitrophenol	ND R	CAL-E, CCVE	U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,4-Dinitrotoluene	ND	CAL-E	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2,6-Dinitrotoluene	ND	CAL-E	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2-Chloronaphthalene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2-Chlorophenol	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2-Methylnaphthalene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2-Methylphenol	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2-Nitroaniline	ND	CAL-E	U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
2-Nitrophenol	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
* 3- & 4-Methylphenols	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
3,3-Dichlorobenzidine	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
3-Nitroaniline	ND		U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4,6-Dinitro-2-methylphenol	ND R	QL-02, CAL-E, CCVE	U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4-Bromophenyl phenyl ether	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4-Chloro-3-methylphenol	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4-Chloroaniline	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4-Chlorophenyl phenyl ether	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4-Nitroaniline	ND		U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
4-Nitrophenol	ND		U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Acenaphthene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Acenaphthylene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Acetophenone	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Aniline	ND		U	0.175	0.349	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Anthracene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Atrazine	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzaldehyde	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzidine	ND		U	0.175	0.349	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzo(a)anthracene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzo(a)pyrene	ND UJ	QL-02, CCVE	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzo(b)fluoranthene	ND	CCVE	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzo(g,h,i)perylene	ND UJ	QL-02	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzo(k)fluoranthene	ND	CCVE	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzoic acid	ND	CAL-E	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzyl alcohol	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Benzyl butyl phthalate	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Bis(2-chloroethoxy)methane	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Bis(2-chloroethyl)ether	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Bis(2-chloroisopropyl)ether	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Bis(2-ethylhexyl)phthalate	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Caprolactam	ND		U	0.0872	0.174	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Carbazole	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Chrysene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Dibenzo(a,h)anthracene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Dibenzofuran	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Diethyl phthalate	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Dimethyl phthalate	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Di-n-butyl phthalate	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Di-n-octyl phthalate	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Fluoranthene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Fluorene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Hexachlorobenzene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Hexachlorobutadiene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Hexachlorocyclopentadiene	ND R	QL-02, CCVE	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Hexachloroethane	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Indeno(1,2,3-cd)pyrene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Isophorone	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Naphthalene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Nitrobenzene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
N-Nitrosodimethylamine	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
N-nitroso-di-n-propylamine	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
N-Nitrosodiphenylamine	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Pentachlorophenol	ND	CAL-E	U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Phenanthrene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Phenol	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Pyrene	ND		U	0.0437	0.0872	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS
Pyridine	ND		U	0.175	0.349	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 12:53	SS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*63.2 %*		*20-108*	*EPA 8270E*	*2/10/26 12:53*
Surrogate: SURR: Phenol-d6	*60.2 %*		*23-114*	*EPA 8270E*	*2/10/26 12:53*
Surrogate: SURR: Nitrobenzene-d5	*66.4 %*		*22-108*	*EPA 8270E*	*2/10/26 12:53*
Surrogate: SURR: 2-Fluorobiphenyl	*55.2 %*		*21-113*	*EPA 8270E*	*2/10/26 12:53*
Surrogate: SURR: 2,4,6-Tribromophenol	*63.1 %*		*19-110*	*EPA 8270E*	*2/10/26 12:53*
Surrogate: SURR: Terphenyl-d14	*50.9 %*		*24-116*	*EPA 8270E*	*2/10/26 12:53*

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0632	0.187	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0859	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.127	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.119	0.193	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluorooctanoic acid (PFOA)	ND		U	0.150	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.195	0.196	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluorononanoic acid (PFNA)	ND		U	0.104	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluorodecanoic acid (PFDA)	ND		U	0.118	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.139	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluorododecanoic acid (PFDoA)	ND		U	0.128	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.107	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.111	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
N-MeFOSAA	ND		U	0.0850	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
N-EtFOSAA	ND		U	0.141	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluoropentanoic acid (PFPeA)	ND		U	0.119	0.422	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0783	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.102	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.123	0.204	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.481	0.803	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.374	0.811	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.195	0.845	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.180	0.376	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.293	0.422	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.191	0.422	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.196	0.422	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0932	0.199	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.267	0.792	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
HFPO-DA (Gen-X)	ND		U	0.597	0.845	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
11CL-PF3OUdS	ND		U	0.353	0.798	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
9CL-PF3ONS	ND		U	0.532	0.790	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
ADONA	ND		U	0.448	0.798	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.147	0.205	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.133	0.203	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.651	1.06	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	1.11	5.28	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.23	5.28	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
N-MeFOSE	ND		U	0.824	2.11	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
N-MeFOSA	ND		U	0.205	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
N-EtFOSE	ND		U	0.854	2.11	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH
N-EtFOSA	ND		U	0.118	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:16	KFH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*105 %*		*40-135*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M5PFHxA	*115 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M4PFHpA	*111 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M3PFHxS	*102 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*107 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M6PFDA	*114 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M7PFUdA	*107 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*94.4 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M2PFTeDA	*97.2 %*		*20-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*104 %*		*8-130*	*EPA 1633A*	*2/15/26 07:16*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*103 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*113 %*		*35-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*110 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: d3-N-MeFOSAA	*97.5 %*		*40-135*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: d5-N-EtFOSAA	*92.5 %*		*40-150*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M2-6:2 FTS	*115 %*		*40-215*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M2-8:2 FTS	*102 %*		*40-275*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M9PFNA	*117 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M2-4:2 FTS	*121 %*		*40-165*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: d-N-MeFOSA	*88.9 %*		*10-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: d-N-EtFOSA	*83.4 %*		*10-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: M3HFPO-DA	*109 %*		*40-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: d9-N-EtFOSE	*91.2 %*		*15-130*	*EPA 1633A*	*2/15/26 07:16*
Surrogate: d7-N-MeFOSE	*88.5 %*		*20-130*	*EPA 1633A*	*2/15/26 07:16*

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
4,4'-DDE	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
4,4'-DDT [2C]	**0.00387**		D	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Aldrin	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
alpha-BHC	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
alpha-Chlordane	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
beta-BHC	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
delta-BHC	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Dieldrin [2C]	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Endosulfan I	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Endosulfan II	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Endosulfan sulfate	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Endrin	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Endrin aldehyde	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Endrin ketone	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
gamma-BHC (Lindane)	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
gamma-Chlordane	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Heptachlor	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Heptachlor epoxide	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Methoxychlor	ND		U	0.00173	0.00173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB
Toxaphene	ND		U	0.173	0.173	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* Chlordane, total	ND		U	0.0345	0.0345	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:41	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*79.6 %*		*30-150*	*EPA 8081B*	*2/ 6/26 12:41*
Surrogate: Tetrachloro-m-xylene	*86.6 %*		*30-150*	*EPA 8081B*	*2/ 6/26 12:41*

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1221	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1232	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1242	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1248	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1254	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1260	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1262	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
Aroclor 1268	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF
* Total PCBs	ND		U	0.0174	0.0174	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 21:50	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*106 %*		*30-120*	*EPA 8082A*	*2/ 6/26 21:50*
Surrogate: Decachlorobiphenyl	*116 %*		*30-120*	*EPA 8082A*	*2/ 6/26 21:50*

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6220**			4.40	4.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Antimony	ND UJ		U	2.20	2.20	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Arsenic	ND		U	1.32	1.32	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Barium	**47.4**			2.20	2.20	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Beryllium	**0.253**			0.044	0.044	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Cadmium	ND		U	0.264	0.264	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Calcium	**1730**			4.40	4.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Chromium	**15.1**			0.440	0.440	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Cobalt	**8.11**			0.352	0.352	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Copper	**18.0**			1.76	1.76	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Iron	**12700**			22.0	22.0	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Lead	**3.68**			0.440	0.440	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT

Client:	Vektor Consultants	**Sample ID:**	**26B0173-02**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (6-8)	**Collection Date/Time:**	2/4/26 9:30

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Magnesium	**3650**			4.40	4.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Manganese	**276**			0.440	0.440	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Nickel	**14.5**			0.877	0.877	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Potassium	**1630**			4.40	4.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Selenium	ND		U	2.20	2.20	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Silver	ND		U	0.444	0.444	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Sodium	**133** J+			44.0	44.0	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Thallium	ND		U	1.06	1.76	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Vanadium	**22.3**			0.877	0.877	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT
Zinc	**34.8**			2.19	2.19	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:47	JWT

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		U	0.00891	0.0317	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 16:30	LCB

Lab ID:	**26B0173-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**94.7**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,1,1-Trichloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,2,2-Tetrachloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,1,2-Trichloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,1-Dichloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,1-Dichloroethylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2,3-Trichlorobenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2,3-Trichloropropane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2,4-Trichlorobenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2,4-Trimethylbenzene	**0.0049**			0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2-Dibromoethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2-Dichlorobenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2-Dichloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,2-Dichloropropane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,3,5-Trimethylbenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,3-Dichlorobenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
1,4-Dichlorobenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
2-Butanone	ND	QL-02, ICVE	U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
2-Hexanone	ND	QL-02, ICVE	U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
4-Methyl-2-pentanone	ND	QL-02, ICVE	U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Acetone	ND	ICVE	U	0.0045	0.0091	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Acrolein	ND	ICVE	U	0.0045	0.0091	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Acrylonitrile	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Benzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Bromochloromethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Bromodichloromethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Bromoform	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Bromomethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Carbon disulfide	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Carbon tetrachloride	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Chlorobenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Chloroethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Chloroform	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Chloromethane	ND	CCVE	U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
cis-1,2-Dichloroethylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
cis-1,3-Dichloropropylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Cyclohexane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Dibromochloromethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Dibromomethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Ethyl Benzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Hexachlorobutadiene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Isopropylbenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Methyl acetate	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02, ICVE	U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Methylcyclohexane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Methylene chloride	ND		U	0.0045	0.0091	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
n-Butylbenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
n-Propylbenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
o-Xylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
p- & m- Xylenes	ND		U	0.0045	0.0091	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
p-Isopropyltoluene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
sec-Butylbenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Styrene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
tert-Butyl alcohol (TBA)	ND		U	0.011	0.023	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
tert-Butylbenzene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Tetrachloroethylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Toluene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
trans-1,2-Dichloroethylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
trans-1,3-Dichloropropylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Trichloroethylene	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Trichlorofluoromethane	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Vinyl Chloride	ND		U	0.0023	0.0045	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS
Xylenes, Total	ND		U	0.0068	0.014	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:20	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*98.8 %*		*77-125*	*EPA 8260D*	*2/10/26 03:20*
Surrogate: SURR: Toluene-d8	*105 %*		*85-120*	*EPA 8260D*	*2/10/26 03:20*
Surrogate: SURR: p-Bromofluorobenzene	*103 %*		*76-130*	*EPA 8260D*	*2/10/26 03:20*

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
1,2,4,5-Tetrachlorobenzene	ND		U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
1,2,4-Trichlorobenzene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
1,2-Dichlorobenzene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
1,3-Dichlorobenzene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
1,4-Dichlorobenzene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,3,4,6-Tetrachlorophenol	ND		U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,4,5-Trichlorophenol	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4,6-Trichlorophenol	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,4-Dichlorophenol	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,4-Dimethylphenol	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,4-Dinitrophenol	ND R	CAL-E, CCVE	U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,4-Dinitrotoluene	ND	CAL-E	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2,6-Dinitrotoluene	ND	CAL-E	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2-Chloronaphthalene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2-Chlorophenol	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2-Methylnaphthalene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2-Methylphenol	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2-Nitroaniline	ND	CAL-E	U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
2-Nitrophenol	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
* 3- & 4-Methylphenols	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
3,3-Dichlorobenzidine	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
3-Nitroaniline	ND		U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4,6-Dinitro-2-methylphenol	ND R	QL-02, CAL-E, CCVE	U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4-Bromophenyl phenyl ether	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4-Chloro-3-methylphenol	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4-Chloroaniline	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4-Chlorophenyl phenyl ether	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4-Nitroaniline	ND		U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
4-Nitrophenol	ND		U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Acenaphthene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Acenaphthylene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Acetophenone	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Aniline	ND		U	0.179	0.359	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Anthracene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Atrazine	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzaldehyde	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzidine	ND		U	0.179	0.359	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzo(a)anthracene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzo(a)pyrene	ND UJ	QL-02, CCVE	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzo(b)fluoranthene	ND	CCVE	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzo(g,h,i)perylene	ND UJ	QL-02	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzo(k)fluoranthene	ND	CCVE	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzoic acid	ND	CAL-E	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzyl alcohol	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Benzyl butyl phthalate	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Bis(2-chloroethoxy)methane	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Bis(2-chloroethyl)ether	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Bis(2-chloroisopropyl)ether	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Bis(2-ethylhexyl)phthalate	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Caprolactam	ND		U	0.0896	0.179	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Carbazole	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Chrysene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Dibenzo(a,h)anthracene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Dibenzofuran	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Diethyl phthalate	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Dimethyl phthalate	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Di-n-butyl phthalate	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Di-n-octyl phthalate	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Fluoranthene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Fluorene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Hexachlorobenzene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Hexachlorobutadiene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Hexachlorocyclopentadiene	ND R	QL-02, CCVE	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Hexachloroethane	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Indeno(1,2,3-cd)pyrene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Isophorone	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Naphthalene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Nitrobenzene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
N-Nitrosodimethylamine	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
N-nitroso-di-n-propylamine	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
N-Nitrosodiphenylamine	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Pentachlorophenol	ND	CAL-E	U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Phenanthrene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Phenol	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Pyrene	ND		U	0.0449	0.0896	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS
Pyridine	ND		U	0.179	0.359	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 13:28	SS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*23.8 %*		*20-108*	*EPA 8270E*	*2/10/26 13:28*
Surrogate: SURR: Phenol-d6	*34.4 %*		*23-114*	*EPA 8270E*	*2/10/26 13:28*
Surrogate: SURR: Nitrobenzene-d5	*41.4 %*		*22-108*	*EPA 8270E*	*2/10/26 13:28*
Surrogate: SURR: 2-Fluorobiphenyl	*34.2 %*		*21-113*	*EPA 8270E*	*2/10/26 13:28*
Surrogate: SURR: 2,4,6-Tribromophenol	*22.4 %*		*19-110*	*EPA 8270E*	*2/10/26 13:28*
Surrogate: SURR: Terphenyl-d14	*31.0 %*		*24-116*	*EPA 8270E*	*2/10/26 13:28*

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0652	0.193	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorohexanoic acid (PFHxA)	**0.140**	J	J	0.0885	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.131	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.122	0.199	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluorooctanoic acid (PFOA)	ND		U	0.155	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.201	0.203	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluorononanoic acid (PFNA)	ND		U	0.107	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluorodecanoic acid (PFDA)	ND		U	0.122	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.143	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluorododecanoic acid (PFDoA)	ND		U	0.132	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.111	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.114	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
N-MeFOSAA	ND		U	0.0876	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
N-EtFOSAA	ND		U	0.146	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluoropentanoic acid (PFPeA)	**0.142**	J	J	0.122	0.436	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0807	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.106	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.127	0.210	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.496	0.828	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.385	0.836	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.201	0.871	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.186	0.388	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.302	0.436	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.197	0.436	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.202	0.436	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0960	0.205	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.276	0.817	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
HFPO-DA (Gen-X)	ND		U	0.615	0.871	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
11CL-PF3OUdS	ND		U	0.364	0.823	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
9CL-PF3ONS	ND		U	0.549	0.814	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
ADONA	ND		U	0.462	0.823	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.152	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.137	0.209	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.671	1.09	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	1.15	5.44	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.27	5.44	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
N-MeFOSE	ND		U	0.850	2.18	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
N-MeFOSA	ND		U	0.212	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
N-EtFOSE	ND		U	0.881	2.18	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH
N-EtFOSA	ND		U	0.122	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:30	KFH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*109 %*		*40-135*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M5PFHxA	*118 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M4PFHpA	*111 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M3PFHxS	*108 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*114 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M6PFDA	*118 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M7PFUdA	*104 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*96.5 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M2PFTeDA	*106 %*		*20-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*102 %*		*8-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*105 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*115 %*		*35-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*109 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: d3-N-MeFOSAA	*74.4 %*		*40-135*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: d5-N-EtFOSAA	*77.6 %*		*40-150*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M2-6:2 FTS	*114 %*		*40-215*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M2-8:2 FTS	*107 %*		*40-275*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M9PFNA	*112 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M2-4:2 FTS	*120 %*		*40-165*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: d-N-MeFOSA	*94.4 %*		*10-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: d-N-EtFOSA	*91.2 %*		*10-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: M3HFPO-DA	*113 %*		*40-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: d9-N-EtFOSE	*96.9 %*		*15-130*	*EPA 1633A*	*2/15/26 07:30*
Surrogate: d7-N-MeFOSE	*93.5 %*		*20-130*	*EPA 1633A*	*2/15/26 07:30*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
4,4'-DDE	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
4,4'-DDT	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Aldrin	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
alpha-BHC	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
alpha-Chlordane	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
beta-BHC	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
delta-BHC	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Dieldrin	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Endosulfan I	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Endosulfan II	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Endosulfan sulfate	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Endrin	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Endrin aldehyde	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Endrin ketone	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
gamma-BHC (Lindane)	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
gamma-Chlordane	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Heptachlor	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Heptachlor epoxide	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Methoxychlor	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
Toxaphene	ND		U	0.178	0.178	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB
* Chlordane, total	ND		U	0.0356	0.0356	5	mg/kg dry	EPA 8081B	2/5/26 9:29	2/ 6/26 12:57	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*118 %*		*30-150*	*EPA 8081B*	*2/ 6/26 12:57*
Surrogate: Tetrachloro-m-xylene	*115 %*		*30-150*	*EPA 8081B*	*2/ 6/26 12:57*

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1221	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1232	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1242	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1248	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1254	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1260	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1262	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
Aroclor 1268	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF
* Total PCBs	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 9:27	2/ 6/26 22:03	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*75.5 %*		*30-120*	*EPA 8082A*	*2/ 6/26 22:03*
Surrogate: Decachlorobiphenyl	*73.0 %*		*30-120*	*EPA 8082A*	*2/ 6/26 22:03*

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**8360**			4.54	4.54	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Antimony	ND UJ		U	2.27	2.27	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Arsenic	**1.93**			1.36	1.36	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Barium	**53.9**			2.26	2.26	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Beryllium	**0.335**			0.046	0.046	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Cadmium	ND		U	0.272	0.272	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Calcium	**18200**			4.54	4.54	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Chromium	**21.4**			0.454	0.454	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Cobalt	**7.79**			0.363	0.363	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Copper	**20.5**			1.82	1.82	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Iron	**14100**			22.7	22.7	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Lead	**12.0 J**			0.454	0.454	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Magnesium	**8560 J**			4.54	4.54	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Manganese	**251**			0.454	0.454	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Nickel	**15.9**			0.904	0.904	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Potassium	**2270**			4.54	4.54	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Selenium	ND		U	2.27	2.27	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Silver	ND		U	0.457	0.457	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Sodium	**327 J+**			45.4	45.4	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Thallium	ND		U	1.09	1.82	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Vanadium	**23.2**			0.904	0.904	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT
Zinc	**43.5**			2.26	2.26	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:48	JWT

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		U	0.00919	0.0327	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 16:30	LCB

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Client:	Vektor Consultants	**Sample ID:**	**26B0173-03**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-1 (15-17)	**Collection Date/Time:**	2/4/26 9:35

Lab ID:	**26B0173-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.8**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,1,1-Trichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,1,2-Trichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,1-Dichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,1-Dichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2,3-Trichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2,3-Trichloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2,4-Trichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2,4-Trimethylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2-Dibromoethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2-Dichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2-Dichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,2-Dichloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,3,5-Trimethylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,3-Dichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
1,4-Dichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
2-Butanone	ND	QL-02, ICVE	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
2-Hexanone	ND	QL-02, ICVE	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
4-Methyl-2-pentanone	ND	QL-02, ICVE	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Acetone	**0.0057** U	J, ICVE, B	JB	0.0051	0.010	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Acrolein	ND	ICVE	U	0.0051	0.010	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Acrylonitrile	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Benzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Bromochloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Bromodichloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Bromoform	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Bromomethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Carbon disulfide	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Carbon tetrachloride	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Chlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Chloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Chloroform	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Chloromethane	ND	CCVE	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
cis-1,2-Dichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
cis-1,3-Dichloropropylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Cyclohexane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Dibromochloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Dibromomethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Ethyl Benzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Hexachlorobutadiene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Isopropylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Methyl acetate	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02, ICVE	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Methylcyclohexane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Methylene chloride	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
n-Butylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
n-Propylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
o-Xylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
p- & m- Xylenes	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
p-Isopropyltoluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
sec-Butylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Styrene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.026	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
tert-Butylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Tetrachloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Toluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
trans-1,2-Dichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
trans-1,3-Dichloropropylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Trichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Trichlorofluoromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Vinyl Chloride	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS
Xylenes, Total	ND		U	0.0077	0.015	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 03:47	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*98.6 %*		*77-125*	*EPA 8260D*	*2/10/26 03:47*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Toluene-d8	*105 %*		*85-120*	*EPA 8260D*	*2/10/26 03:47*
Surrogate: SURR: p-Bromofluorobenzene	*101 %*		*76-130*	*EPA 8260D*	*2/10/26 03:47*

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
1,2,4,5-Tetrachlorobenzene	ND	R	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
1,2,4-Trichlorobenzene	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
1,2-Dichlorobenzene	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
1,2-Diphenylhydrazine (as Azobenzene)	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
1,3-Dichlorobenzene	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
1,4-Dichlorobenzene	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,3,4,6-Tetrachlorophenol	ND	R	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,4,5-Trichlorophenol	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,4,6-Trichlorophenol	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,4-Dichlorophenol	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,4-Dimethylphenol	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,4-Dinitrophenol	ND	R CCVE, CAL-E	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,4-Dinitrotoluene	ND	R CAL-E	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2,6-Dinitrotoluene	ND	R CAL-E	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2-Chloronaphthalene	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2-Chlorophenol	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2-Methylnaphthalene	**0.985**	J-	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2-Methylphenol	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2-Nitroaniline	ND	R CAL-E	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
2-Nitrophenol	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
* 3- & 4-Methylphenols	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
3,3-Dichlorobenzidine	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
3-Nitroaniline	ND	R	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4,6-Dinitro-2-methylphenol	ND	R QL-02, CAL-E, CCVE	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4-Bromophenyl phenyl ether	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4-Chloro-3-methylphenol	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4-Chloroaniline	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4-Chlorophenyl phenyl ether	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4-Nitroaniline	ND	R	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
4-Nitrophenol	ND	R	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Acenaphthene	**0.110**	J-	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Acenaphthylene	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Acetophenone	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Aniline	ND	R	U	0.195	0.390	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Anthracene	**0.168**	J-	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Atrazine	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzaldehyde	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzidine	ND	R	U	0.195	0.390	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzo(a)anthracene	**0.140**	J-	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzo(a)pyrene	ND	R QL-02, CCVE	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzo(b)fluoranthene	ND	R CCVE	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzo(g,h,i)perylene	ND	R QL-02	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzo(k)fluoranthene	ND	R CCVE	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzoic acid	ND	R CAL-E	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzyl alcohol	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Benzyl butyl phthalate	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Bis(2-chloroethoxy)methane	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Bis(2-chloroethyl)ether	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Bis(2-chloroisopropyl)ether	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Bis(2-ethylhexyl)phthalate	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Caprolactam	ND	R	U	0.0974	0.195	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Carbazole	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Chrysene	**0.255**	J-	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Dibenzo(a,h)anthracene	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Dibenzofuran	**0.0669**	J- J	JD	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Diethyl phthalate	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Dimethyl phthalate	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Di-n-butyl phthalate	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Di-n-octyl phthalate	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Fluoranthene	**0.0794**	J- J	JD	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Fluorene	**0.216**	J-	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Hexachlorobenzene	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Hexachlorobutadiene	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Hexachlorocyclopentadiene	ND	R QL-02, CCVE	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Hexachloroethane	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Indeno(1,2,3-cd)pyrene	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Isophorone	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Naphthalene	**0.339**	J-	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Nitrobenzene	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
N-Nitrosodimethylamine	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
N-nitroso-di-n-propylamine	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
N-Nitrosodiphenylamine	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Pentachlorophenol	ND	R CAL-E	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Phenanthrene	**0.784**	J-	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Phenol	ND	R	U	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Pyrene	**0.245**	J-	D	0.0488	0.0974	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS
Pyridine	ND	R	U	0.195	0.390	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:07	SS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*24.8 %*		*20-108*	*EPA 8270E*	*2/10/26 14:07*
Surrogate: SURR: Phenol-d6	*50.6 %*		*23-114*	*EPA 8270E*	*2/10/26 14:07*
Surrogate: SURR: Nitrobenzene-d5	*5.28 %*	*S-08*	*22-108*	*EPA 8270E*	*2/10/26 14:07*
Surrogate: SURR: 2-Fluorobiphenyl	*64.7 %*		*21-113*	*EPA 8270E*	*2/10/26 14:07*
Surrogate: SURR: 2,4,6-Tribromophenol	*3.00 %*	*S-08*	*19-110*	*EPA 8270E*	*2/10/26 14:07*
Surrogate: SURR: Terphenyl-d14	*55.3 %*		*24-116*	*EPA 8270E*	*2/10/26 14:07*

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0708	0.209	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0962	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.142	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.133	0.216	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluorooctanoic acid (PFOA)	ND		U	0.168	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.219	0.220	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluorononanoic acid (PFNA)	ND		U	0.117	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluorodecanoic acid (PFDA)	ND		U	0.133	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.155	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluorododecanoic acid (PFDoA)	ND		U	0.144	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.120	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.124	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
N-MeFOSAA	ND		U	0.0952	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
N-EtFOSAA	ND		U	0.158	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluoropentanoic acid (PFPeA)	ND		U	0.133	0.473	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0877	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.115	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.138	0.228	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.539	0.899	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.418	0.909	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.218	0.946	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.202	0.421	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.329	0.473	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.214	0.473	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.220	0.473	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.104	0.222	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.300	0.887	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
HFPO-DA (Gen-X)	ND		U	0.669	0.946	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
11CL-PF3OUdS	ND		U	0.395	0.894	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
9CL-PF3ONS	ND		U	0.596	0.885	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
ADONA	ND		U	0.501	0.894	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.165	0.230	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.149	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.729	1.18	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	1.25	5.92	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.38	5.92	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
N-MeFOSE	ND		U	0.923	2.37	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
N-MeFOSA	ND		U	0.230	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
N-EtFOSE	ND		U	0.957	2.37	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH
N-EtFOSA	ND		U	0.132	0.237	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:44	KFH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*124 %*		*40-135*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M5PFHxA	*128 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M4PFHpA	*116 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M3PFHxS	*115 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*114 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M6PFDA	*100 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M7PFUdA	*97.0 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*78.5 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M2PFTeDA	*70.9 %*		*20-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*111 %*		*8-130*	*EPA 1633A*	*2/15/26 07:44*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*91.6 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*124 %*		*35-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*105 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: d3-N-MeFOSAA	*89.6 %*		*40-135*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: d5-N-EtFOSAA	*79.8 %*		*40-150*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M2-6:2 FTS	*125 %*		*40-215*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M2-8:2 FTS	*107 %*		*40-275*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M9PFNA	*119 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M2-4:2 FTS	*142 %*		*40-165*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: d-N-MeFOSA	*87.9 %*		*10-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: d-N-EtFOSA	*80.3 %*		*10-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: M3HFPO-DA	*118 %*		*40-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: d9-N-EtFOSE	*71.2 %*		*15-130*	*EPA 1633A*	*2/15/26 07:44*
Surrogate: d7-N-MeFOSE	*70.5 %*		*20-130*	*EPA 1633A*	*2/15/26 07:44*

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
4,4'-DDE [2C]	**0.0392**	JN P	DP	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
4,4'-DDT	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Aldrin	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
alpha-BHC	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
alpha-Chlordane	**4.24**		D	0.0385	0.0385	100	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 9/26 20:09	GXB
beta-BHC	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
delta-BHC	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Dieldrin	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Endosulfan I	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Endosulfan II	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Endosulfan sulfate	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Endrin	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Endrin aldehyde	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Endrin ketone	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
gamma-BHC (Lindane)	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
gamma-Chlordane	**5.49**		D	0.0385	0.0385	100	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 9/26 20:09	GXB
Heptachlor	**1.37**		D	0.0385	0.0385	100	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 9/26 20:09	GXB
Heptachlor epoxide	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Methoxychlor	ND		U	0.00193	0.00193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB
Toxaphene	ND		U	0.193	0.193	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 18:59	GXB

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* Chlordane, total	**55.0**		D	0.771	0.771	100	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 9/26 20:09	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*76.6 %*		*30-150*	*EPA 8081B*	*2/ 5/26 18:59*
Surrogate: Tetrachloro-m-xylene	*67.8 %*		*30-150*	*EPA 8081B*	*2/ 5/26 18:59*

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1221	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1232	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1242	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1248	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1254	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1260	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1262	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
Aroclor 1268	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF
* Total PCBs	ND		U	0.0195	0.0195	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:07	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*59.5 %*		*30-120*	*EPA 8082A*	*2/ 5/26 22:07*
Surrogate: Decachlorobiphenyl	*47.0 %*		*30-120*	*EPA 8082A*	*2/ 5/26 22:07*

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**15400**			4.93	4.93	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Antimony	ND UJ		U	2.46	2.46	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Arsenic	**6.91**			1.48	1.48	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Barium	**122**			2.46	2.46	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Beryllium	**0.541**			0.050	0.050	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Cadmium	**0.296**			0.296	0.296	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Calcium	**2950**			4.93	4.93	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Chromium	**27.3**			0.493	0.493	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Cobalt	**8.98**			0.394	0.394	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Copper	**47.2**			1.97	1.97	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Iron	**18900**			24.6	24.6	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Lead	**395**			0.493	0.493	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT

Client:	Vektor Consultants	**Sample ID:**	**26B0173-04**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (0-2)	**Collection Date/Time:**	2/4/26 15:10

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Magnesium	**2810**			4.93	4.93	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Manganese	**383**			0.493	0.493	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Nickel	**15.4**			0.982	0.982	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Potassium	**1060**			4.93	4.93	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Selenium	ND		U	2.46	2.46	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Silver	ND		U	0.497	0.497	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Sodium	**98.6** J+			49.3	49.3	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Thallium	ND		U	1.18	1.98	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Vanadium	**37.1**			0.982	0.982	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT
Zinc	**176**			2.45	2.45	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:50	JWT

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.113**			0.00998	0.0355	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 16:31	LCB

Lab ID:	**26B0173-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**84.5**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,1,1-Trichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,2,2-Tetrachloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,1,2-Trichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,1-Dichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,1-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2,3-Trichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2,3-Trichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2,4-Trichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2,4-Trimethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2-Dibromoethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2-Dichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,2-Dichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,3,5-Trimethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,3-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
1,4-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
2-Butanone	ND	ICVE, QL-02	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
2-Hexanone	ND	ICVE, QL-02	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
4-Methyl-2-pentanone	ND	ICVE, QL-02	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Acetone	**0.0072** U	J, ICVE, B	JB	0.0062	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Acrolein	ND	ICVE	U	0.0062	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Acrylonitrile	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Benzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Bromochloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Bromodichloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Bromoform	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Bromomethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Carbon disulfide	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Carbon tetrachloride	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Chlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Chloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Chloroform	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Chloromethane	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
cis-1,2-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
cis-1,3-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Cyclohexane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Dibromochloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Dibromomethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Ethyl Benzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Hexachlorobutadiene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Isopropylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Methyl acetate	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02, ICVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Methylcyclohexane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Methylene chloride	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
n-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
n-Propylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
o-Xylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
p- & m- Xylenes	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
p-Isopropyltoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
sec-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Styrene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.031	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
tert-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Tetrachloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Toluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
trans-1,2-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
trans-1,3-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Trichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Trichlorofluoromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Vinyl Chloride	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS
Xylenes, Total	ND		U	0.0092	0.018	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:14	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*101 %*		*77-125*	*EPA 8260D*	*2/10/26 04:14*
Surrogate: SURR: Toluene-d8	*104 %*		*85-120*	*EPA 8260D*	*2/10/26 04:14*
Surrogate: SURR: p-Bromofluorobenzene	*103 %*		*76-130*	*EPA 8260D*	*2/10/26 04:14*

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
1,2,4,5-Tetrachlorobenzene	ND		U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
1,2,4-Trichlorobenzene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
1,2-Dichlorobenzene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
1,3-Dichlorobenzene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
1,4-Dichlorobenzene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,3,4,6-Tetrachlorophenol	ND		U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,4,5-Trichlorophenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4,6-Trichlorophenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,4-Dichlorophenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,4-Dimethylphenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,4-Dinitrophenol	ND	CAL-E	U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,4-Dinitrotoluene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2,6-Dinitrotoluene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2-Chloronaphthalene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2-Chlorophenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2-Methylnaphthalene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2-Methylphenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2-Nitroaniline	ND		U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
2-Nitrophenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
* 3- & 4-Methylphenols	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
3,3-Dichlorobenzidine	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
3-Nitroaniline	ND		U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4,6-Dinitro-2-methylphenol	ND		U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4-Bromophenyl phenyl ether	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4-Chloro-3-methylphenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4-Chloroaniline	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4-Chlorophenyl phenyl ether	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4-Nitroaniline	ND		U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
4-Nitrophenol	ND	CCVE	U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Acenaphthene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Acenaphthylene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Acetophenone	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Aniline	ND		U	0.181	0.362	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Anthracene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Atrazine	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzaldehyde	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzidine	ND		U	0.181	0.362	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzo(a)anthracene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzo(a)pyrene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzo(b)fluoranthene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzo(g,h,i)perylene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzo(k)fluoranthene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzoic acid	ND R		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzyl alcohol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Benzyl butyl phthalate	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Bis(2-chloroethoxy)methane	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Bis(2-chloroethyl)ether	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Bis(2-ethylhexyl)phthalate	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Caprolactam	ND	CCVE, ICVE	U	0.0903	0.180	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Carbazole	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chrysene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Dibenzo(a,h)anthracene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Dibenzofuran	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Diethyl phthalate	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Dimethyl phthalate	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Di-n-butyl phthalate	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Di-n-octyl phthalate	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Fluoranthene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Fluorene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Hexachlorobenzene	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Hexachlorobutadiene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Hexachlorocyclopentadiene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Hexachloroethane	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Indeno(1,2,3-cd)pyrene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Isophorone	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Naphthalene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Nitrobenzene	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
N-Nitrosodimethylamine	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
N-nitroso-di-n-propylamine	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
N-Nitrosodiphenylamine	ND	CCVE	U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Pentachlorophenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Phenanthrene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Phenol	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Pyrene	ND		U	0.0453	0.0903	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak
Pyridine	ND R		U	0.181	0.362	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:09	ak

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*48.9 %*		*20-108*	*EPA 8270E*	*2/ 7/26 21:09*
Surrogate: SURR: Phenol-d6	*46.2 %*		*23-114*	*EPA 8270E*	*2/ 7/26 21:09*
Surrogate: SURR: Nitrobenzene-d5	*45.8 %*		*22-108*	*EPA 8270E*	*2/ 7/26 21:09*
Surrogate: SURR: 2-Fluorobiphenyl	*49.0 %*		*21-113*	*EPA 8270E*	*2/ 7/26 21:09*
Surrogate: SURR: 2,4,6-Tribromophenol	*50.6 %*		*19-110*	*EPA 8270E*	*2/ 7/26 21:09*
Surrogate: SURR: Terphenyl-d14	*51.0 %*		*24-116*	*EPA 8270E*	*2/ 7/26 21:09*

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0650	0.192	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0883	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.131	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.122	0.199	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluorooctanoic acid (PFOA)	ND		U	0.154	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.201	0.202	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluorononanoic acid (PFNA)	ND		U	0.107	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluorodecanoic acid (PFDA)	ND		U	0.122	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.143	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluorododecanoic acid (PFDoA)	ND		U	0.132	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.110	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.114	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
N-MeFOSAA	ND		U	0.0874	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
N-EtFOSAA	ND		U	0.145	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoropentanoic acid (PFPeA)	ND		U	0.122	0.434	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0805	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.105	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.127	0.210	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.494	0.826	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.384	0.834	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.200	0.869	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.186	0.387	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.302	0.434	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.197	0.434	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.202	0.434	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0958	0.204	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.275	0.815	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
HFPO-DA (Gen-X)	ND		U	0.614	0.869	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
11CL-PF3OUdS	ND		U	0.363	0.821	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
9CL-PF3ONS	ND		U	0.548	0.812	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
ADONA	ND		U	0.460	0.821	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.151	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.137	0.209	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.670	1.09	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	1.14	5.43	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.27	5.43	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
N-MeFOSE	ND		U	0.848	2.17	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
N-MeFOSA	ND		U	0.211	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
N-EtFOSE	ND		U	0.878	2.17	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH
N-EtFOSA	ND		U	0.121	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 07:58	KFH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*125 %*		*40-135*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M5PFHxA	*136 %*	*PFSu-H*	*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M4PFHpA	*125 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M3PFHxS	*120 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*130 %*	*PFSu-H*	*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M6PFDA	*124 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M7PFUdA	*120 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*105 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M2PFTeDA	*114 %*		*20-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*114 %*		*8-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*115 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*133 %*	*PFSu-H*	*35-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*124 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: d3-N-MeFOSAA	*109 %*		*40-135*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: d5-N-EtFOSAA	*102 %*		*40-150*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M2-6:2 FTS	*133 %*		*40-215*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M2-8:2 FTS	*122 %*		*40-275*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M9PFNA	*129 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M2-4:2 FTS	*147 %*		*40-165*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: d-N-MeFOSA	*116 %*		*10-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: d-N-EtFOSA	*115 %*		*10-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: M3HFPO-DA	*120 %*		*40-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: d9-N-EtFOSE	*116 %*		*15-130*	*EPA 1633A*	*2/15/26 07:58*
Surrogate: d7-N-MeFOSE	*111 %*		*20-130*	*EPA 1633A*	*2/15/26 07:58*

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
4,4'-DDE	**0.00206**		D	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
4,4'-DDT	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Aldrin	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
alpha-BHC	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
alpha-Chlordane [2C]	**0.0889**		D	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
beta-BHC	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
delta-BHC	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Dieldrin	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Endosulfan I	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Endosulfan II	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Endosulfan sulfate	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Endrin	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Endrin aldehyde	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Endrin ketone	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
gamma-BHC (Lindane)	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
gamma-Chlordane [2C]	**0.0981**		D	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Heptachlor	**0.0274**		D	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Heptachlor epoxide	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Methoxychlor	ND		U	0.00178	0.00178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
Toxaphene	ND		U	0.178	0.178	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB
* Chlordane, total [2C]	**0.802** J-		D	0.0356	0.0356	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:15	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*48.1 %*		*30-150*	*EPA 8081B*	*2/ 5/26 19:15*
Surrogate: Tetrachloro-m-xylene	*50.5 %*		*30-150*	*EPA 8081B*	*2/ 5/26 19:15*

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1221	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1232	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1242	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1248	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1254	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1260	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1262	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
Aroclor 1268	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF
* Total PCBs	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:21	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*41.0 %*		*30-120*	*EPA 8082A*	*2/ 5/26 22:21*
Surrogate: Decachlorobiphenyl	*30.0 %*		*30-120*	*EPA 8082A*	*2/ 5/26 22:21*

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**10800**			4.53	4.53	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Antimony	ND UJ		U	2.26	2.26	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Arsenic	ND		U	1.36	1.36	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Barium	**75.9**			2.26	2.26	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Beryllium	**0.339**			0.046	0.046	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Cadmium	ND		U	0.272	0.272	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Calcium	**1740**			4.53	4.53	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Chromium	**28.5**			0.453	0.453	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Cobalt	**9.78**			0.362	0.362	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Copper	**24.3**			1.81	1.81	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Iron	**19000**			22.6	22.6	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Lead	**3.77**			0.453	0.453	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Magnesium	**5880**			4.53	4.53	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Manganese	**423**			0.453	0.453	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Nickel	**21.2**			0.902	0.902	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Potassium	**3110**			4.53	4.53	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Selenium	ND		U	2.26	2.26	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Silver	ND		U	0.456	0.456	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Sodium	**91.6** J+			45.3	45.3	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Thallium	ND		U	1.09	1.81	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Vanadium	**32.8**			0.902	0.902	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT
Zinc	**81.4**			2.25	2.25	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 12:59	JWT

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		U	0.00917	0.0326	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 16:31	LCB

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Client:	Vektor Consultants	**Sample ID:**	**26B0173-05**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (7-9)	**Collection Date/Time:**	2/4/26 15:15

Lab ID:	**26B0173-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**92.1**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,1,1-Trichloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,1,2-Trichloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,1-Dichloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,1-Dichloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2,3-Trichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2,3-Trichloropropane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2,4-Trichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2,4-Trimethylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2-Dibromoethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2-Dichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2-Dichloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,2-Dichloropropane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,3,5-Trimethylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,3-Dichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
1,4-Dichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
2-Butanone	ND	ICVE, QL-02	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
2-Hexanone	ND	ICVE, QL-02	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
4-Methyl-2-pentanone	ND	ICVE, QL-02	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Acetone	ND	ICVE	U	0.0061	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Acrolein	ND	ICVE	U	0.0061	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Acrylonitrile	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Benzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Bromochloromethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Bromodichloromethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Bromoform	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Bromomethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Carbon disulfide	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Carbon tetrachloride	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Chlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Chloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Chloroform	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Chloromethane	ND	CCVE	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
cis-1,2-Dichloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
cis-1,3-Dichloropropylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Cyclohexane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Dibromochloromethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Dibromomethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Ethyl Benzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Hexachlorobutadiene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Isopropylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Methyl acetate	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Methyl tert-butyl ether (MTBE)	ND	ICVE, QL-02	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Methylcyclohexane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Methylene chloride	ND		U	0.0061	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
n-Butylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
n-Propylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
o-Xylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
p- & m- Xylenes	ND		U	0.0061	0.012	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
p-Isopropyltoluene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
sec-Butylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Styrene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.030	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
tert-Butylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Tetrachloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Toluene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
trans-1,2-Dichloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
trans-1,3-Dichloropropylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Trichloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Trichlorofluoromethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Vinyl Chloride	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS
Xylenes, Total	ND		U	0.0091	0.018	1	mg/kg dry	EPA 8260D	2/9/26 15:50	2/10/26 04:41	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*99.9 %*		*77-125*	*EPA 8260D*	*2/10/26 04:41*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Toluene-d8	*105 %*		*85-120*	*EPA 8260D*	*2/10/26 04:41*
Surrogate: SURR: p-Bromofluorobenzene	*104 %*		*76-130*	*EPA 8260D*	*2/10/26 04:41*

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
1,2,4,5-Tetrachlorobenzene	ND		U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
1,2,4-Trichlorobenzene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
1,2-Dichlorobenzene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
1,3-Dichlorobenzene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
1,4-Dichlorobenzene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,3,4,6-Tetrachlorophenol	ND		U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,4,5-Trichlorophenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,4,6-Trichlorophenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,4-Dichlorophenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,4-Dimethylphenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,4-Dinitrophenol	ND	CAL-E	U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,4-Dinitrotoluene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2,6-Dinitrotoluene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2-Chloronaphthalene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2-Chlorophenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2-Methylnaphthalene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2-Methylphenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2-Nitroaniline	ND		U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
2-Nitrophenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
* 3- & 4-Methylphenols	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
3,3-Dichlorobenzidine	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
3-Nitroaniline	ND		U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4,6-Dinitro-2-methylphenol	ND		U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4-Bromophenyl phenyl ether	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4-Chloro-3-methylphenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4-Chloroaniline	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4-Chlorophenyl phenyl ether	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4-Nitroaniline	ND		U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
4-Nitrophenol	ND	CCVE	U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Acenaphthene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Acenaphthylene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Acetophenone	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Aniline	ND		U	0.178	0.356	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Anthracene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Atrazine	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzaldehyde	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzidine	ND		U	0.178	0.356	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzo(a)anthracene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzo(a)pyrene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzo(b)fluoranthene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzo(g,h,i)perylene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzo(k)fluoranthene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzoic acid	ND R		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzyl alcohol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Benzyl butyl phthalate	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Bis(2-chloroethoxy)methane	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Bis(2-chloroethyl)ether	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Bis(2-ethylhexyl)phthalate	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Caprolactam	ND	CCVE, ICVE	U	0.0888	0.177	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Carbazole	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Chrysene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Dibenzo(a,h)anthracene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Dibenzofuran	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Diethyl phthalate	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Dimethyl phthalate	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Di-n-butyl phthalate	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Di-n-octyl phthalate	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Fluoranthene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Fluorene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Hexachlorobenzene	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Hexachlorobutadiene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Hexachlorocyclopentadiene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Hexachloroethane	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Indeno(1,2,3-cd)pyrene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Isophorone	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Naphthalene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Nitrobenzene	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
N-Nitrosodimethylamine	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
N-nitroso-di-n-propylamine	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
N-Nitrosodiphenylamine	ND	CCVE	U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Pentachlorophenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Phenanthrene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Phenol	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Pyrene	ND		U	0.0445	0.0888	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak
Pyridine	ND R		U	0.178	0.356	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 21:42	ak

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*55.2 %*		*20-108*	*EPA 8270E*	*2/ 7/26 21:42*
Surrogate: SURR: Phenol-d6	*52.6 %*		*23-114*	*EPA 8270E*	*2/ 7/26 21:42*
Surrogate: SURR: Nitrobenzene-d5	*51.9 %*		*22-108*	*EPA 8270E*	*2/ 7/26 21:42*
Surrogate: SURR: 2-Fluorobiphenyl	*53.9 %*		*21-113*	*EPA 8270E*	*2/ 7/26 21:42*
Surrogate: SURR: 2,4,6-Tribromophenol	*55.9 %*		*19-110*	*EPA 8270E*	*2/ 7/26 21:42*
Surrogate: SURR: Terphenyl-d14	*57.8 %*		*24-116*	*EPA 8270E*	*2/ 7/26 21:42*

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0641	0.190	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0871	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.129	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.120	0.196	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluorooctanoic acid (PFOA)	ND		U	0.152	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.198	0.199	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluorononanoic acid (PFNA)	ND		U	0.106	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluorodecanoic acid (PFDA)	ND		U	0.120	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.141	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluorododecanoic acid (PFDoA)	ND		U	0.130	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.109	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.112	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
N-MeFOSAA	ND		U	0.0862	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
N-EtFOSAA	ND		U	0.143	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluoropentanoic acid (PFPeA)	ND		U	0.120	0.429	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0794	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.104	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.125	0.207	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.488	0.814	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.379	0.823	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.197	0.857	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.183	0.381	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.298	0.429	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.194	0.429	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.199	0.429	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0945	0.201	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.271	0.804	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
HFPO-DA (Gen-X)	ND		U	0.606	0.857	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
11CL-PF3OUdS	ND		U	0.358	0.810	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
9CL-PF3ONS	ND		U	0.540	0.801	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
ADONA	ND		U	0.454	0.810	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.149	0.208	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.135	0.206	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.660	1.07	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	1.13	5.36	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.25	5.36	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
N-MeFOSE	ND		U	0.836	2.14	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
N-MeFOSA	ND		U	0.208	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
N-EtFOSE	ND		U	0.867	2.14	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH
N-EtFOSA	ND		U	0.120	0.214	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:09	KFH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*127 %*		*40-135*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M5PFHxA	*128 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M4PFHpA	*132 %*	*PFSu-H*	*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M3PFHxS	*121 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*124 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M6PFDA	*119 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M7PFUdA	*121 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*100 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M2PFTeDA	*98.3 %*		*20-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*113 %*		*8-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*108 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*129 %*		*35-130*	*EPA 1633A*	*2/15/26 09:09*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*120 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: d3-N-MeFOSAA	*113 %*		*40-135*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: d5-N-EtFOSAA	*106 %*		*40-150*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M2-6:2 FTS	*142 %*		*40-215*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M2-8:2 FTS	*127 %*		*40-275*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M9PFNA	*128 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M2-4:2 FTS	*158 %*		*40-165*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: d-N-MeFOSA	*118 %*		*10-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: d-N-EtFOSA	*115 %*		*10-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: M3HFPO-DA	*127 %*		*40-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: d9-N-EtFOSE	*111 %*		*15-130*	*EPA 1633A*	*2/15/26 09:09*
Surrogate: d7-N-MeFOSE	*106 %*		*20-130*	*EPA 1633A*	*2/15/26 09:09*

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
4,4'-DDE	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
4,4'-DDT	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Aldrin	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
alpha-BHC	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
alpha-Chlordane	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
beta-BHC	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
delta-BHC	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Dieldrin	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Endosulfan I	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Endosulfan II	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Endosulfan sulfate	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Endrin	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Endrin aldehyde	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Endrin ketone	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
gamma-BHC (Lindane)	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
gamma-Chlordane [2C]	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Heptachlor	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Heptachlor epoxide	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Methoxychlor	ND		U	0.00176	0.00176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
Toxaphene	ND		U	0.176	0.176	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ
* Chlordane, total	ND		U	0.0351	0.0351	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 14:56	RJ

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*37.6 %*		*30-150*	*EPA 8081B*	*2/ 8/26 14:56*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*38.3 %*		*30-150*	*EPA 8081B*	*2/ 8/26 14:56*

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1221	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1232	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1242	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1248	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1254	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1260	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1262	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
Aroclor 1268	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF
* Total PCBs	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 14:49	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*38.0 %*		*30-120*	*EPA 8082A*	*2/ 8/26 14:49*
Surrogate: Decachlorobiphenyl	*33.5 %*		*30-120*	*EPA 8082A*	*2/ 8/26 14:49*

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**5160**			4.39	4.39	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Antimony	ND UJ		U	2.20	2.20	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Arsenic	ND		U	1.32	1.32	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Barium	**23.8**			2.19	2.19	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Beryllium	**0.220**			0.044	0.044	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Cadmium	ND		U	0.263	0.263	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Calcium	**2270**			4.39	4.39	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Chromium	**10.2**			0.439	0.439	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Cobalt	**5.24**			0.351	0.351	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Copper	**14.0**			1.76	1.76	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Iron	**9510**			22.0	22.0	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Lead	**2.53**			0.439	0.439	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Magnesium	**3500**			4.39	4.39	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Manganese	**230**			0.439	0.439	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Nickel	**11.1**			0.875	0.875	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Potassium	**921**			4.39	4.39	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT

Client:	Vektor Consultants	**Sample ID:**	**26B0173-06**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-2 (17-19)	**Collection Date/Time:**	2/4/26 15:20

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Selenium	ND		U	2.20	2.20	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Silver	ND		U	0.443	0.443	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Sodium	**193**	J+		43.9	43.9	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Thallium	ND		U	1.05	1.76	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Vanadium	**15.7**			0.875	0.875	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT
Zinc	**28.3**			2.19	2.19	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:00	JWT

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		U	0.00904	0.0321	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 16:32	LCB

Lab ID:	**26B0173-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**93.3**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,1,1-Trichloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,1,2-Trichloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Dichloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,1-Dichloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2,3-Trichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2,3-Trichloropropane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2,4-Trichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2,4-Trimethylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2-Dibromoethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2-Dichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2-Dichloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,2-Dichloropropane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,3,5-Trimethylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,3-Dichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
1,4-Dichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
2-Butanone	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
2-Hexanone	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
4-Methyl-2-pentanone	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Acetone	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Acrolein	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Acrylonitrile	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Benzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Bromochloromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Bromodichloromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Bromoform	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Bromomethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Carbon disulfide	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Carbon tetrachloride	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Chlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Chloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Chloroform	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Chloromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
cis-1,2-Dichloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
cis-1,3-Dichloropropylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Cyclohexane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Dibromochloromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Dibromomethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Dichlorodifluoromethane	ND	UJ	U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Ethyl Benzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Hexachlorobutadiene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Isopropylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Methyl acetate	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Methylcyclohexane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Methylene chloride	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
n-Butylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
n-Propylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
o-Xylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
p- & m- Xylenes	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
p-Isopropyltoluene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
sec-Butylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Styrene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
tert-Butyl alcohol (TBA)	ND		U	0.012	0.024	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
tert-Butylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Tetrachloroethylene	ND	UJ	U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Toluene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
trans-1,2-Dichloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
trans-1,3-Dichloropropylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Trichloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Trichlorofluoromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Vinyl Chloride	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS
Xylenes, Total	ND		U	0.0072	0.014	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:26	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*134 %*	*S-HI*	*77-125*	*EPA 8260D*	*2/10/26 00:26*
Surrogate: SURR: Toluene-d8	*87.8 %*		*85-120*	*EPA 8260D*	*2/10/26 00:26*
Surrogate: SURR: p-Bromofluorobenzene	*97.1 %*		*76-130*	*EPA 8260D*	*2/10/26 00:26*

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
1,2,4,5-Tetrachlorobenzene	ND		U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
1,2,4-Trichlorobenzene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
1,2-Dichlorobenzene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
1,3-Dichlorobenzene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
1,4-Dichlorobenzene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,3,4,6-Tetrachlorophenol	ND		U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,4,5-Trichlorophenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,4,6-Trichlorophenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,4-Dichlorophenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,4-Dimethylphenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,4-Dinitrophenol	ND	CAL-E	U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,4-Dinitrotoluene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2,6-Dinitrotoluene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2-Chloronaphthalene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorophenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2-Methylnaphthalene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2-Methylphenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2-Nitroaniline	ND		U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
2-Nitrophenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
* 3- & 4-Methylphenols	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
3,3-Dichlorobenzidine	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
3-Nitroaniline	ND		U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4,6-Dinitro-2-methylphenol	ND		U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4-Bromophenyl phenyl ether	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4-Chloro-3-methylphenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4-Chloroaniline	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4-Chlorophenyl phenyl ether	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4-Nitroaniline	ND		U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
4-Nitrophenol	ND	CCVE	U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Acenaphthene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Acenaphthylene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Acetophenone	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Aniline	ND		U	0.188	0.376	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Anthracene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Atrazine	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzaldehyde	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzidine	ND		U	0.188	0.376	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzo(a)anthracene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzo(a)pyrene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzo(b)fluoranthene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzo(g,h,i)perylene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzo(k)fluoranthene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzoic acid	ND R		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzyl alcohol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Benzyl butyl phthalate	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Bis(2-chloroethoxy)methane	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Bis(2-chloroethyl)ether	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Bis(2-ethylhexyl)phthalate	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Caprolactam	ND	ICVE, CCVE	U	0.0939	0.188	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Carbazole	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Chrysene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Dibenzo(a,h)anthracene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Dibenzofuran	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Diethyl phthalate	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Dimethyl phthalate	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Di-n-butyl phthalate	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Di-n-octyl phthalate	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Fluoranthene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Fluorene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Hexachlorobenzene	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Hexachlorobutadiene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Hexachlorocyclopentadiene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Hexachloroethane	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Indeno(1,2,3-cd)pyrene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Isophorone	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Naphthalene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Nitrobenzene	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
N-Nitrosodimethylamine	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
N-nitroso-di-n-propylamine	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
N-Nitrosodiphenylamine	ND	CCVE	U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Pentachlorophenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Phenanthrene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Phenol	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Pyrene	ND		U	0.0471	0.0939	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak
Pyridine	ND R		U	0.188	0.376	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:14	ak

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*57.0 %*		*20-108*	*EPA 8270E*	*2/ 7/26 22:14*
Surrogate: SURR: Phenol-d6	*55.1 %*		*23-114*	*EPA 8270E*	*2/ 7/26 22:14*
Surrogate: SURR: Nitrobenzene-d5	*54.7 %*		*22-108*	*EPA 8270E*	*2/ 7/26 22:14*
Surrogate: SURR: 2-Fluorobiphenyl	*55.7 %*		*21-113*	*EPA 8270E*	*2/ 7/26 22:14*
Surrogate: SURR: 2,4,6-Tribromophenol	*56.3 %*		*19-110*	*EPA 8270E*	*2/ 7/26 22:14*
Surrogate: SURR: Terphenyl-d14	*61.1 %*		*24-116*	*EPA 8270E*	*2/ 7/26 22:14*

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0678	0.201	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0922	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.137	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.127	0.207	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluorooctanoic acid (PFOA)	**0.308**			0.161	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.209	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluorononanoic acid (PFNA)	ND		U	0.112	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluorodecanoic acid (PFDA)	ND		U	0.127	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.149	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorododecanoic acid (PFDoA)	ND		U	0.138	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.115	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.119	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
N-MeFOSAA	ND		U	0.0912	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
N-EtFOSAA	ND		U	0.152	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoropentanoic acid (PFPeA)	ND		U	0.127	0.454	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0841	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.110	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.132	0.219	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.516	0.862	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.401	0.871	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.209	0.907	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.194	0.404	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.315	0.454	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.205	0.454	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.211	0.454	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.100	0.213	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.287	0.850	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
HFPO-DA (Gen-X)	ND		U	0.641	0.907	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
11CL-PF3OUdS	ND		U	0.379	0.857	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
9CL-PF3ONS	ND		U	0.572	0.848	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
ADONA	ND		U	0.481	0.857	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.158	0.220	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.143	0.218	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.699	1.13	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	1.20	5.67	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.32	5.67	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
N-MeFOSE	ND		U	0.885	2.27	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
N-MeFOSA	ND		U	0.220	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH
N-EtFOSE	ND		U	0.917	2.27	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
N-EtFOSA	ND		U	0.127	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:24 KFH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*105 %*		*40-135*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M5PFHxA	*104 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M4PFHpA	*98.4 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M3PFHxS	*99.5 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*102 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M6PFDA	*95.9 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M7PFUdA	*99.5 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*89.1 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M2PFTeDA	*83.0 %*		*20-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*96.1 %*		*8-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*95.0 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*101 %*		*35-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*94.7 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: d3-N-MeFOSAA	*74.2 %*		*40-135*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: d5-N-EtFOSAA	*76.0 %*		*40-150*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M2-6:2 FTS	*114 %*		*40-215*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M2-8:2 FTS	*103 %*		*40-275*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M9PFNA	*104 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M2-4:2 FTS	*118 %*		*40-165*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: d-N-MeFOSA	*92.2 %*		*10-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: d-N-EtFOSA	*99.9 %*		*10-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: M3HFPO-DA	*99.1 %*		*40-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: d9-N-EtFOSE	*94.0 %*		*15-130*	*EPA 1633A*	*2/15/26 09:24*
Surrogate: d7-N-MeFOSE	*89.6 %*		*20-130*	*EPA 1633A*	*2/15/26 09:24*

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
4,4'-DDD	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46 GXB
4,4'-DDE	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46 GXB
4,4'-DDT	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46 GXB
Aldrin	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46 GXB
alpha-BHC	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46 GXB

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
alpha-Chlordane	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
beta-BHC	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
delta-BHC	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Dieldrin	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Endosulfan I	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Endosulfan II	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Endosulfan sulfate	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Endrin	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Endrin aldehyde	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Endrin ketone	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
gamma-BHC (Lindane)	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
gamma-Chlordane	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Heptachlor	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Heptachlor epoxide	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Methoxychlor	ND	R	U	0.00186	0.00186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
Toxaphene	ND	R	U	0.186	0.186	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB
* Chlordane, total	ND	R	U	0.0372	0.0372	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 19:46	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*9.72 %*	*S-08, S-GC*	*30-150*	*EPA 8081B*	*2/ 5/26 19:46*
Surrogate: Tetrachloro-m-xylene	*39.5 %*		*30-150*	*EPA 8081B*	*2/ 5/26 19:46*

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND	R	U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1221	ND	R	U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1232	ND	R	U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1242	ND	R	U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1248	ND	R	U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1254	ND	R	U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1260	ND	R	U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1262	ND	R	U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
Aroclor 1268	ND	R	U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF
* Total PCBs	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 22:48	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*34.5 %*		*30-120*	*EPA 8082A*	*2/ 5/26 22:48*
Surrogate: Decachlorobiphenyl	*6.50 %*	*S-08, S-GC*	*30-120*	*EPA 8082A*	*2/ 5/26 22:48*

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford

Client:	Vektor Consultants	**Sample ID:**	**26B0173-07**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (0-2)	**Collection Date/Time:**	2/4/26 14:30

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**12000**			4.80	4.80	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Antimony	ND UJ		U	2.40	2.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Arsenic	**2.59**			1.44	1.44	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Barium	**60.4**			2.40	2.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Beryllium	**0.384**			0.048	0.048	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Cadmium	ND		U	0.288	0.288	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Calcium	**1400**			4.80	4.80	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Chromium	**21.4**			0.481	0.481	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Cobalt	**5.50**			0.384	0.384	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Copper	**32.3**			1.92	1.92	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Iron	**14700**			24.0	24.0	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Lead	**22.1**			0.481	0.481	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Magnesium	**2900**			4.81	4.81	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Manganese	**231**			0.481	0.481	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Nickel	**13.2**			0.957	0.957	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Potassium	**831**			4.81	4.81	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Selenium	ND		U	2.40	2.40	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Silver	ND		U	0.484	0.484	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Sodium	**78.7** J+			48.0	48.0	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Thallium	ND		U	1.15	1.93	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Vanadium	**26.7**			0.957	0.957	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT
Zinc	**39.8**			2.39	2.39	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:02	JWT

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.0641**			0.00957	0.0340	1	mg/kg dry	EPA 7473	2/6/26 8:55	2/ 6/26 16:32	LCB

Lab ID:	**26B0173-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.2**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2,3-Trichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2,4-Trichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2-Dibromoethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,2-Dichloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
2-Butanone	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
2-Hexanone	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
4-Methyl-2-pentanone	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Acetone	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Acrolein	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Acrylonitrile	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Benzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Bromochloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Bromodichloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Bromoform	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Bromomethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Carbon disulfide	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Carbon tetrachloride	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Chlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Chloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Chloroform	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Chloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
cis-1,3-Dichloropropylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Cyclohexane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Dibromochloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Dibromomethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Dichlorodifluoromethane	ND	UJ	U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Ethyl Benzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Hexachlorobutadiene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Isopropylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Methyl acetate	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Methylcyclohexane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Methylene chloride	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
n-Butylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
n-Propylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
o-Xylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
p- & m- Xylenes	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
p-Isopropyltoluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
sec-Butylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Styrene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
tert-Butylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Tetrachloroethylene	ND	UJ	U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Toluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Trichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Vinyl Chloride	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS
Xylenes, Total	ND		U	0.0085	0.017	1	mg/kg dry	EPA 8260D	2/9/26 16:03	2/10/26 00:53	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*128 %*	*S-HI*	*77-125*	*EPA 8260D*	*2/10/26 00:53*
Surrogate: SURR: Toluene-d8	*88.6 %*		*85-120*	*EPA 8260D*	*2/10/26 00:53*
Surrogate: SURR: p-Bromofluorobenzene	*98.9 %*		*76-130*	*EPA 8260D*	*2/10/26 00:53*

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
1,2,4,5-Tetrachlorobenzene	ND		U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
1,2,4-Trichlorobenzene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
1,2-Dichlorobenzene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
1,3-Dichlorobenzene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
1,4-Dichlorobenzene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,3,4,6-Tetrachlorophenol	ND		U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,4,5-Trichlorophenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,4,6-Trichlorophenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4-Dichlorophenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,4-Dimethylphenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,4-Dinitrophenol	ND	CAL-E	U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,4-Dinitrotoluene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2,6-Dinitrotoluene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2-Chloronaphthalene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2-Chlorophenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2-Methylnaphthalene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2-Methylphenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2-Nitroaniline	ND		U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
2-Nitrophenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
* 3- & 4-Methylphenols	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
3,3-Dichlorobenzidine	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
3-Nitroaniline	ND		U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4,6-Dinitro-2-methylphenol	ND		U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4-Bromophenyl phenyl ether	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4-Chloro-3-methylphenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4-Chloroaniline	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4-Chlorophenyl phenyl ether	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4-Nitroaniline	ND		U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
4-Nitrophenol	ND	CCVE	U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Acenaphthene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Acenaphthylene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Acetophenone	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Aniline	ND		U	0.188	0.376	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Anthracene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Atrazine	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzaldehyde	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzidine	ND		U	0.188	0.376	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzo(a)anthracene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzo(a)pyrene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzo(b)fluoranthene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzo(g,h,i)perylene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzo(k)fluoranthene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzoic acid	ND R		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzyl alcohol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Benzyl butyl phthalate	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Bis(2-chloroethoxy)methane	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Bis(2-chloroethyl)ether	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Bis(2-ethylhexyl)phthalate	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Caprolactam	ND	CCVE, ICVE	U	0.0938	0.187	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Carbazole	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Chrysene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Dibenzo(a,h)anthracene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Dibenzofuran	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Diethyl phthalate	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Dimethyl phthalate	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Di-n-butyl phthalate	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Di-n-octyl phthalate	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Fluoranthene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Fluorene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Hexachlorobenzene	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Hexachlorobutadiene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Hexachlorocyclopentadiene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Hexachloroethane	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Indeno(1,2,3-cd)pyrene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Isophorone	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Naphthalene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Nitrobenzene	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
N-Nitrosodimethylamine	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
N-nitroso-di-n-propylamine	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
N-Nitrosodiphenylamine	ND	CCVE	U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Pentachlorophenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Phenanthrene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Phenol	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Pyrene	ND		U	0.0470	0.0938	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak
Pyridine	ND R		U	0.188	0.376	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 22:47	ak

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*59.4 %*		*20-108*	*EPA 8270E*	*2/ 7/26 22:47*
Surrogate: SURR: Phenol-d6	*56.2 %*		*23-114*	*EPA 8270E*	*2/ 7/26 22:47*
Surrogate: SURR: Nitrobenzene-d5	*55.8 %*		*22-108*	*EPA 8270E*	*2/ 7/26 22:47*
Surrogate: SURR: 2-Fluorobiphenyl	*55.7 %*		*21-113*	*EPA 8270E*	*2/ 7/26 22:47*
Surrogate: SURR: 2,4,6-Tribromophenol	*56.8 %*		*19-110*	*EPA 8270E*	*2/ 7/26 22:47*
Surrogate: SURR: Terphenyl-d14	*59.5 %*		*24-116*	*EPA 8270E*	*2/ 7/26 22:47*

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0678	0.200	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0921	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.136	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.127	0.207	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorooctanoic acid (PFOA)	ND		U	0.161	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.209	0.211	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluorononanoic acid (PFNA)	ND		U	0.112	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluorodecanoic acid (PFDA)	ND		U	0.127	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.149	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluorododecanoic acid (PFDoA)	ND		U	0.137	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.115	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.119	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
N-MeFOSAA	ND		U	0.0911	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
N-EtFOSAA	ND		U	0.152	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoropentanoic acid (PFPeA)	ND		U	0.127	0.453	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0840	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.110	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.132	0.219	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.516	0.861	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.401	0.870	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.209	0.906	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.193	0.403	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.315	0.453	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.205	0.453	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.211	0.453	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.0999	0.213	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.287	0.849	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
HFPO-DA (Gen-X)	ND		U	0.640	0.906	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
11CL-PF3OUdS	ND		U	0.379	0.856	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
9CL-PF3ONS	ND		U	0.571	0.847	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
ADONA	ND		U	0.480	0.856	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.158	0.220	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.143	0.217	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.698	1.13	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	1.19	5.66	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.32	5.66	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
N-MeFOSE	ND		U	0.884	2.27	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
N-MeFOSA	ND		U	0.220	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
N-EtFOSE	ND		U	0.916	2.27	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH
N-EtFOSA	ND		U	0.127	0.227	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:38	KFH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*107 %*		*40-135*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M5PFHxA	*107 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M4PFHpA	*113 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M3PFHxS	*102 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*106 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M6PFDA	*102 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M7PFUdA	*101 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*89.1 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M2PFTeDA	*87.3 %*		*20-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*100 %*		*8-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*95.7 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*107 %*		*35-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*98.7 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: d3-N-MeFOSAA	*95.4 %*		*40-135*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: d5-N-EtFOSAA	*84.6 %*		*40-150*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M2-6:2 FTS	*124 %*		*40-215*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M2-8:2 FTS	*101 %*		*40-275*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M9PFNA	*104 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M2-4:2 FTS	*132 %*		*40-165*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: d-N-MeFOSA	*93.4 %*		*10-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: d-N-EtFOSA	*102 %*		*10-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: M3HFPO-DA	*97.7 %*		*40-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: d9-N-EtFOSE	*94.4 %*		*15-130*	*EPA 1633A*	*2/15/26 09:38*
Surrogate: d7-N-MeFOSE	*89.8 %*		*20-130*	*EPA 1633A*	*2/15/26 09:38*

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
4,4'-DDE	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
4,4'-DDT	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Aldrin	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
alpha-BHC	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
alpha-Chlordane	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
beta-BHC	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
delta-BHC	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Dieldrin	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Endosulfan I	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Endosulfan II	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Endosulfan sulfate	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Endrin	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Endrin aldehyde	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Endrin ketone	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
gamma-BHC (Lindane)	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
gamma-Chlordane	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Heptachlor	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Heptachlor epoxide	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Methoxychlor	ND		U	0.00182	0.00182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
Toxaphene	ND		U	0.182	0.182	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB
* Chlordane, total	ND		U	0.0364	0.0364	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 20:01	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*46.2 %*		*30-150*	*EPA 8081B*	*2/ 5/26 20:01*
Surrogate: Tetrachloro-m-xylene	*51.3 %*		*30-150*	*EPA 8081B*	*2/ 5/26 20:01*

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1221	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1232	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1242	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1248	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1254	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1260	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1262	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
Aroclor 1268	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF
* Total PCBs	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:02	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*43.5 %*		*30-120*	*EPA 8082A*	*2/ 5/26 23:02*
Surrogate: Decachlorobiphenyl	*35.5 %*		*30-120*	*EPA 8082A*	*2/ 5/26 23:02*

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**10800**			4.72	4.72	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Antimony	ND UJ		U	2.36	2.36	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Arsenic	ND		U	1.42	1.42	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Barium	**51.0**			2.36	2.36	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Beryllium	**0.420**			0.048	0.048	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Cadmium	ND		U	0.283	0.283	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Calcium	**973**			4.72	4.72	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Chromium	**23.0**			0.472	0.472	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Cobalt	**10.1**			0.377	0.377	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Copper	**20.2**			1.89	1.89	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Iron	**15300**			23.6	23.6	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Lead	**5.57**			0.472	0.472	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Magnesium	**5100**			4.72	4.72	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Manganese	**410**			0.472	0.472	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Nickel	**17.6**			0.940	0.940	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Potassium	**1930**			4.72	4.72	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Selenium	ND		U	2.36	2.36	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Silver	ND		U	0.476	0.476	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Sodium	**84.2** J+			47.2	47.2	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Thallium	ND		U	1.13	1.89	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Vanadium	**26.9**			0.940	0.940	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT
Zinc	**71.9**			2.35	2.35	1	mg/kg dry	EPA 6010D	2/5/26 15:10	2/ 6/26 13:03	JWT

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		J	0.00956	0.0340	1	mg/kg dry	EPA 7473	2/9/26 8:29	2/ 9/26 10:42	LCB

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Client:	Vektor Consultants	**Sample ID:**	**26B0173-08**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (5-7)	**Collection Date/Time:**	2/4/26 14:35

Lab ID:	**26B0173-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.3**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,1,1-Trichloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,1,2-Trichloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,1-Dichloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,1-Dichloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2,3-Trichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2,3-Trichloropropane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2,4-Trichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2,4-Trimethylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2-Dibromoethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2-Dichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2-Dichloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,2-Dichloropropane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,3,5-Trimethylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,3-Dichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
1,4-Dichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
2-Butanone	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
2-Hexanone	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
4-Methyl-2-pentanone	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Acetone	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Acrolein	ND	ICVE	U	0.0052	0.010	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Acrylonitrile	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Benzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Bromochloromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Bromodichloromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Bromoform	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Bromomethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Carbon disulfide	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Carbon tetrachloride	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Chlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Chloroethane	ND	CAL-E	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Chloroform	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Chloromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
cis-1,2-Dichloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
cis-1,3-Dichloropropylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Cyclohexane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Dibromochloromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Dibromomethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Dichlorodifluoromethane	ND	CAL-E	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Ethyl Benzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Hexachlorobutadiene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Isopropylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Methyl acetate	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Methylcyclohexane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Methylene chloride	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
n-Butylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
n-Propylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
o-Xylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
p- & m- Xylenes	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
p-Isopropyltoluene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
sec-Butylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Styrene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.026	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
tert-Butylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Tetrachloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Toluene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
trans-1,2-Dichloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
trans-1,3-Dichloropropylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Trichloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Trichlorofluoromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Vinyl Chloride	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS
Xylenes, Total	ND		U	0.0078	0.016	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:30	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*96.9 %*		*77-125*	*EPA 8260D*	*2/11/26 13:30*
Surrogate: SURR: Toluene-d8	*104 %*		*85-120*	*EPA 8260D*	*2/11/26 13:30*
Surrogate: SURR: p-Bromofluorobenzene	*107 %*		*76-130*	*EPA 8260D*	*2/11/26 13:30*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
1,2,4,5-Tetrachlorobenzene	ND		U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
1,2,4-Trichlorobenzene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
1,2-Dichlorobenzene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
1,3-Dichlorobenzene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
1,4-Dichlorobenzene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,3,4,6-Tetrachlorophenol	ND UJ		U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,4,5-Trichlorophenol	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,4,6-Trichlorophenol	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,4-Dichlorophenol	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,4-Dimethylphenol	ND R		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,4-Dinitrophenol	ND R	CCVE, CAL-E	U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,4-Dinitrotoluene	ND UJ	CAL-E	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2,6-Dinitrotoluene	ND UJ	CAL-E	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2-Chloronaphthalene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2-Chlorophenol	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2-Methylnaphthalene	**0.0560**	J	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2-Methylphenol	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2-Nitroaniline	ND	CAL-E	U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
2-Nitrophenol	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
* 3- & 4-Methylphenols	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
3,3-Dichlorobenzidine	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
3-Nitroaniline	ND		U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4,6-Dinitro-2-methylphenol	ND R	QL-02, CAL-E, CCVE	U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4-Bromophenyl phenyl ether	ND UJ		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4-Chloro-3-methylphenol	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4-Chloroaniline	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4-Chlorophenyl phenyl ether	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4-Nitroaniline	ND		U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
4-Nitrophenol	ND		U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Acenaphthene	**0.0790** J-	J	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Acenaphthylene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Acetophenone	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Aniline	ND		U	0.192	0.384	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Anthracene	**0.183** J-		D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Atrazine	ND UJ		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzaldehyde	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzidine	ND		U	0.192	0.384	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzo(a)anthracene	**0.312** J-		D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzo(a)pyrene	**0.292** J-	CCVE, QL-02	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzo(b)fluoranthene	**0.239 J-**	CCVE	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzo(g,h,i)perylene	**0.178 J-**	QL-02	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzo(k)fluoranthene	**0.297 J-**	CCVE	D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzoic acid	ND R	CAL-E	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzyl alcohol	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Benzyl butyl phthalate	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Bis(2-chloroethoxy)methane	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Bis(2-chloroethyl)ether	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Bis(2-chloroisopropyl)ether	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Bis(2-ethylhexyl)phthalate	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Caprolactam	ND		U	0.0960	0.192	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Carbazole	**0.0706 J-**	J	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Chrysene	**0.343 J-**		D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Dibenzo(a,h)anthracene	**0.0491**	J	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Dibenzofuran	**0.0706 J-**	J	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Diethyl phthalate	ND UJ		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Dimethyl phthalate	ND UJ		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Di-n-butyl phthalate	ND R		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Di-n-octyl phthalate	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Fluoranthene	**0.650 J-**		D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Fluorene	**0.0560**	J	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Hexachlorobenzene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Hexachlorobutadiene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Hexachlorocyclopentadiene	ND R	CCVE, QL-02	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Hexachloroethane	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Indeno(1,2,3-cd)pyrene	**0.141 J-**		D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Isophorone	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Naphthalene	**0.0798 J-**	J	JD	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Nitrobenzene	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
N-Nitrosodimethylamine	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
N-nitroso-di-n-propylamine	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
N-Nitrosodiphenylamine	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Pentachlorophenol	ND R	CAL-E	U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Phenanthrene	**0.859 J-**		D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Phenol	ND		U	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Pyrene	**0.832 J-**		D	0.0481	0.0960	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS
Pyridine	ND		U	0.192	0.384	2	mg/kg dry	EPA 8270E	2/9/26 12:38	2/10/26 14:44	SS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*49.4 %*		*20-108*	*EPA 8270E*	*2/10/26 14:44*
Surrogate: SURR: Phenol-d6	*46.9 %*		*23-114*	*EPA 8270E*	*2/10/26 14:44*
Surrogate: SURR: Nitrobenzene-d5	*54.4 %*		*22-108*	*EPA 8270E*	*2/10/26 14:44*
Surrogate: SURR: 2-Fluorobiphenyl	*44.9 %*		*21-113*	*EPA 8270E*	*2/10/26 14:44*
Surrogate: SURR: 2,4,6-Tribromophenol	*54.2 %*		*19-110*	*EPA 8270E*	*2/10/26 14:44*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3545A	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Terphenyl-d14	*40.3 %*		*24-116*	*EPA 8270E*	*2/10/26 14:44*

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0698	0.206	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0948	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.140	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.131	0.213	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluorooctanoic acid (PFOA)	ND		U	0.165	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.215	0.217	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluorononanoic acid (PFNA)	ND		U	0.115	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluorodecanoic acid (PFDA)	ND		U	0.131	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluoroundecanoic acid (PFUnA)	ND		U	0.153	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluorododecanoic acid (PFDoA)	ND		U	0.141	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.118	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.122	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
N-MeFOSAA	ND		U	0.0938	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
N-EtFOSAA	ND		U	0.156	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluoropentanoic acid (PFPeA)	ND		U	0.131	0.466	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0864	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.113	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.136	0.225	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.531	0.886	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.412	0.895	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.215	0.933	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.199	0.415	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.455	0.466	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.211	0.466	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.217	0.466	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.103	0.219	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.295	0.874	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
HFPO-DA (Gen-X)	ND		U	0.659	0.933	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
11CL-PF3OUdS	ND		U	0.390	0.881	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
9CL-PF3ONS	ND		U	0.588	0.872	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
ADONA	ND		U	0.494	0.881	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.162	0.226	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.147	0.224	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.719	1.17	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	1.23	5.83	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.36	5.83	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
N-MeFOSE	ND		U	0.910	2.33	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
N-MeFOSA	ND		U	0.227	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
N-EtFOSE	ND		U	0.943	2.33	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH
N-EtFOSA	ND		U	0.130	0.233	1	ug/kg dry	EPA 1633A	2/10/26 15:51	2/17/26 11:23	KFH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*100 %*		*40-135*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M5PFHxA	*102 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M4PFHpA	*110 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M3PFHxS	*93.4 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*93.2 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M6PFDA	*88.9 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M7PFUdA	*86.1 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*73.6 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M2PFTeDA	*70.2 %*		*20-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*94.9 %*		*8-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*83.1 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*101 %*		*35-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*100 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: d3-N-MeFOSAA	*99.2 %*		*40-135*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: d5-N-EtFOSAA	*101 %*		*40-150*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M2-6:2 FTS	*130 %*		*40-215*	*EPA 1633A*	*2/17/26 11:23*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M2-8:2 FTS	*98.0 %*		*40-275*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M9PFNA	*94.2 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M2-4:2 FTS	*141 %*		*40-165*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: d-N-MeFOSA	*64.6 %*		*10-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: d-N-EtFOSA	*55.5 %*		*10-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: M3HFPO-DA	*89.9 %*		*40-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: d9-N-EtFOSE	*66.8 %*		*15-130*	*EPA 1633A*	*2/17/26 11:23*
Surrogate: d7-N-MeFOSE	*72.5 %*		*20-130*	*EPA 1633A*	*2/17/26 11:23*

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
4,4'-DDE	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
4,4'-DDT	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Aldrin	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
alpha-BHC	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
alpha-Chlordane	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
beta-BHC	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
delta-BHC	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Dieldrin	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Endosulfan I	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Endosulfan II	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Endosulfan sulfate	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Endrin	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Endrin aldehyde	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Endrin ketone	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
gamma-BHC (Lindane)	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
gamma-Chlordane	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Heptachlor	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Heptachlor epoxide	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Methoxychlor	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
Toxaphene	ND		U	0.190	0.190	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ
* Chlordane, total	ND		U	0.0380	0.0380	5	mg/kg dry	EPA 8081B	2/7/26 7:33	2/ 8/26 15:11	RJ

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*54.5 %*		*30-150*	*EPA 8081B*	*2/ 8/26 15:11*
Surrogate: Tetrachloro-m-xylene	*56.6 %*		*30-150*	*EPA 8081B*	*2/ 8/26 15:11*

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1221	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1232	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1242	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1248	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1254	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1260	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1262	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
Aroclor 1268	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF
* Total PCBs	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	2/7/26 7:32	2/ 8/26 15:03	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*56.5 %*		*30-120*	*EPA 8082A*	*2/ 8/26 15:03*
Surrogate: Decachlorobiphenyl	*52.5 %*		*30-120*	*EPA 8082A*	*2/ 8/26 15:03*

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7730**			4.86	4.86	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Antimony	ND UJ		U	2.43	2.43	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Arsenic	**1.96**			1.46	1.46	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Barium	**34.8**			2.43	2.43	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Beryllium	**0.296**			0.049	0.049	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Cadmium	ND		U	0.291	0.291	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Calcium	**4870**			4.86	4.86	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Chromium	**17.5**			0.486	0.486	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Cobalt	**6.53**			0.388	0.388	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Copper	**19.2**			1.94	1.94	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Iron	**11900**			24.3	24.3	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Lead	**8.54**			0.486	0.486	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Magnesium	**5050**			4.86	4.86	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Manganese	**281**			0.486	0.486	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Nickel	**14.4**			0.968	0.968	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Potassium	**1210**			4.86	4.86	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Selenium	ND		U	2.43	2.43	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Silver	ND		U	0.490	0.490	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Sodium	**170** J+			48.6	48.6	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Thallium	ND		U	1.17	1.95	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Vanadium	**21.8**			0.968	0.968	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT
Zinc	**39.7**			2.42	2.42	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 14:15	JWT

Client:	Vektor Consultants	**Sample ID:**	**26B0173-09**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	26SB-4 (17-19)	**Collection Date/Time:**	2/4/26 14:40

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		J	0.00984	0.0350	1	mg/kg dry	EPA 7473	2/9/26 8:29	2/ 9/26 10:43	LCB

Lab ID:	**26B0173-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.8**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 5030B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.216	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,1,1-Trichloroethane	ND		U	0.266	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,1,2,2-Tetrachloroethane	ND		U	0.256	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	U	0.286	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,1,2-Trichloroethane	ND		U	0.249	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,1-Dichloroethane	ND		U	0.272	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,1-Dichloroethylene	ND		U	0.327	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2,3-Trichlorobenzene	ND		U	0.222	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2,3-Trichloropropane	ND		U	0.273	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2,4-Trichlorobenzene	ND		U	0.138	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2,4-Trimethylbenzene	ND		U	0.310	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2-Dibromo-3-chloropropane	ND		U	0.432	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2-Dibromoethane	ND		U	0.215	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2-Dichlorobenzene	ND		U	0.270	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2-Dichloroethane	ND		U	0.377	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,2-Dichloropropane	ND		U	0.327	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,3,5-Trimethylbenzene	ND		U	0.347	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,3-Dichlorobenzene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
1,3-Dichloropropane	ND		U	0.260	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 5030B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,4-Dichlorobenzene	ND		U	0.311	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
2-Butanone	ND		U	0.421	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
2-Hexanone	ND		U	0.320	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
4-Methyl-2-pentanone	ND		U	0.365	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Acetone	ND		U	1.34	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Acrolein	ND		U	0.447	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Acrylonitrile	ND		U	0.422	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Benzene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Bromochloromethane	ND		U	0.354	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Bromodichloromethane	**0.470**	J	J	0.245	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Bromoform	ND		U	0.163	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Bromomethane	ND		U	0.500	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Carbon disulfide	ND		U	0.362	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Carbon tetrachloride	ND		U	0.204	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Chlorobenzene	ND		U	0.284	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Chloroethane	ND		U	0.448	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Chloroform	**27.0**			0.243	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Chloromethane	ND	CCVE	U	0.372	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
cis-1,2-Dichloroethylene	ND		U	0.294	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
cis-1,3-Dichloropropylene	ND		U	0.262	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Cyclohexane	ND		U	0.491	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Dibromochloromethane	ND		U	0.146	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Dibromomethane	ND		U	0.203	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Dichlorodifluoromethane	ND	CCVE	U	0.451	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Ethyl Benzene	ND		U	0.290	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Hexachlorobutadiene	ND		U	0.241	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Isopropylbenzene	ND		U	0.405	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Methyl acetate	ND		U	0.442	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Methyl tert-butyl ether (MTBE)	ND	QL-02	U	0.244	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Methylcyclohexane	ND	CCVE	U	0.477	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Methylene chloride	ND	CCVE	U	0.397	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Naphthalene	ND		U	0.212	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
n-Butylbenzene	ND		U	0.399	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
n-Propylbenzene	ND		U	0.384	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
o-Xylene	ND		U	0.261	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
p- & m- Xylenes	ND		U	0.578	1.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
* p-Diethylbenzene	ND		U	0.341	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
* p-Ethyltoluene	ND		U	0.200	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
p-Isopropyltoluene	ND		U	0.377	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
sec-Butylbenzene	ND		U	0.444	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Styrene	ND		U	0.255	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
tert-Butyl alcohol (TBA)	ND		U	0.608	1.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
tert-Butylbenzene	ND		U	0.367	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Tetrachloroethylene	ND		U	0.239	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Toluene	ND		U	0.346	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 5030B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
trans-1,2-Dichloroethylene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
trans-1,3-Dichloropropylene	ND		U	0.229	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Trichloroethylene	ND		U	0.249	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Trichlorofluoromethane	ND	CCVE	U	0.337	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Vinyl Chloride	ND	CCVE	U	0.469	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD
Xylenes, Total	ND		U	0.839	1.50	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 22:49	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*		*69-130*	*EPA 8260D*	*2/10/26 22:49*
Surrogate: SURR: Toluene-d8	*107 %*		*81-117*	*EPA 8260D*	*2/10/26 22:49*
Surrogate: SURR: p-Bromofluorobenzene	*102 %*		*79-122*	*EPA 8260D*	*2/10/26 22:49*

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 3510C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
1,2,4,5-Tetrachlorobenzene	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,3,4,6-Tetrachlorophenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,4,5-Trichlorophenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,4,6-Trichlorophenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,4-Dichlorophenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,4-Dimethylphenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
* 2,4-Dinitrophenol	ND	CAL-E	U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,4-Dinitrotoluene	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2,6-Dinitrotoluene	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2-Chloronaphthalene	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2-Chlorophenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2-Methylnaphthalene	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2-Methylphenol	ND	CCVE	U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2-Nitroaniline	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
2-Nitrophenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
* 3- & 4-Methylphenols	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
3,3-Dichlorobenzidine	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
3-Nitroaniline	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4-Bromophenyl phenyl ether	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4-Chloro-3-methylphenol	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4-Chloroaniline	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4-Chlorophenyl phenyl ether	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4-Nitroaniline	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
4-Nitrophenol	ND		U	5.00	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Acetophenone	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 3510C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzaldehyde	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Benzyl butyl phthalate	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Bis(2-chloroethoxy)methane	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Bis(2-chloroethyl)ether	ND		U	1.00	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Bis(2-chloroisopropyl)ether	ND	CCVE	U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Caprolactam	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Carbazole	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Dibenzofuran	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Diethyl phthalate	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Dimethyl phthalate	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Di-n-butyl phthalate	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Di-n-octyl phthalate	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Hexachlorocyclopentadiene	ND	CCVE	U	5.00	10.0	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Isophorone	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
N-nitroso-di-n-propylamine	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
N-Nitrosodiphenylamine	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Phenol	ND		U	0.750	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
* Propargite	ND		U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK
Pyridine	ND R	CCVE, QL-02	U	2.50	5.00	1	ug/L	EPA 8270E	2/5/26 8:25	2/ 6/26 01:22	AK

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*23.9 %*		*19.7-63.1*	*EPA 8270E*	*2/ 6/26 01:22*
Surrogate: SURR: Phenol-d6	*11.6 %*		*10.1-41.7*	*EPA 8270E*	*2/ 6/26 01:22*
Surrogate: SURR: Nitrobenzene-d5	*63.5 %*		*50.2-113*	*EPA 8270E*	*2/ 6/26 01:22*
Surrogate: SURR: 2-Fluorobiphenyl	*52.0 %*		*39.9-105*	*EPA 8270E*	*2/ 6/26 01:22*
Surrogate: SURR: 2,4,6-Tribromophenol	*69.1 %*		*39.3-151*	*EPA 8270E*	*2/ 6/26 01:22*
Surrogate: SURR: Terphenyl-d14	*78.6 %*		*30.7-106*	*EPA 8270E*	*2/ 6/26 01:22*

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS/SIM**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 3510C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Acenaphthene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Acenaphthylene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Anthracene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Atrazine	ND		U	0.500	0.500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Benzo(a)anthracene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Benzo(a)pyrene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Benzo(b)fluoranthene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Benzo(g,h,i)perylene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Benzo(k)fluoranthene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Bis(2-ethylhexyl)phthalate	ND		U	0.500	0.500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS/SIM**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 3510C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chrysene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Dibenzo(a,h)anthracene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Fluoranthene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Fluorene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Hexachlorobenzene	ND		U	0.0200	0.0200	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Hexachlorobutadiene	ND		U	0.500	0.500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Hexachloroethane	ND		U	0.500	0.500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Indeno(1,2,3-cd)pyrene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Naphthalene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Nitrobenzene	ND	CCVE, ICVE	U	0.250	0.250	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* N-Nitrosodimethylamine	ND R		U	0.500	0.500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
* Pentachlorophenol	ND R	CCVE	U	0.250	0.250	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Phenanthrene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR
Pyrene	ND		U	0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/5/26 8:36	2/ 5/26 23:52	SR

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.804	1.79	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluorohexanoic acid (PFHxA)	ND		U	0.761	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.996	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	1.27	1.85	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluorooctanoic acid (PFOA)	ND		U	0.966	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluorooctanesulfonic acid (PFOS)	ND		U	1.81	1.88	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluorononanoic acid (PFNA)	ND		U	1.04	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluorodecanoic acid (PFDA)	ND		U	1.12	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluoroundecanoic acid (PFUnA)	ND		U	1.16	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluorododecanoic acid (PFDoA)	ND		U	1.04	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluorotridecanoic acid (PFTrDA)	ND	PF-LCS-H	U	1.11	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluorotetradecanoic acid (PFTA)	ND		U	1.31	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
N-MeFOSAA	ND		U	0.977	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
N-EtFOSAA	ND		U	1.42	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluoropentanoic acid (PFPeA)	ND		U	1.57	4.05	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.902	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	1.14	1.93	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	1.23	1.95	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	3.97	7.69	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	4.83	7.77	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluoro-n-butanoic acid (PFBA)	ND		U	3.11	8.10	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	1.88	3.60	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		U	2.91	4.05	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	3.63	4.05	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	2.19	4.05	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.818	1.90	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	2.64	7.59	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
HFPO-DA (Gen-X)	ND		U	5.39	8.10	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
11CL-PF3OUdS	ND		U	4.28	7.65	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
9CL-PF3ONS	ND		U	4.65	7.57	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
ADONA	ND		U	4.16	7.65	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	1.51	1.96	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	1.80	1.94	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	PF-LCS-H	U	5.49	10.1	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	11.3	50.6	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	17.8	50.6	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
N-MeFOSE	ND		U	8.90	20.2	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
N-MeFOSA	ND		U	1.66	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
N-EtFOSE	ND		U	11.4	20.2	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH
N-EtFOSA	ND		U	1.34	2.02	1	ng/L	EPA 1633A	2/6/26 9:01	2/14/26 23:42	KFH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*98.6 %*		*40-135*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M5PFHxA	*109 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M4PFHpA	*97.1 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M3PFHxS	*96.1 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*104 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M6PFDA	*100 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M7PFUdA	*102 %*		*30-130*	*EPA 1633A*	*2/14/26 23:42*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*88.7 %*		*10-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M2PFTeDA	*87.8 %*		*10-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*104 %*		*5-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*97.6 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*110 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*116 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: d3-N-MeFOSAA	*98.7 %*		*40-170*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: d5-N-EtFOSAA	*99.0 %*		*25-135*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M2-6:2 FTS	*109 %*		*40-200*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M2-8:2 FTS	*101 %*		*40-300*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M9PFNA	*111 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M2-4:2 FTS	*116 %*		*40-200*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: d-N-MeFOSA	*102 %*		*10-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: d-N-EtFOSA	*95.2 %*		*10-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: M3HFPO-DA	*104 %*		*40-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: d9-N-EtFOSE	*106 %*		*10-130*	*EPA 1633A*	*2/14/26 23:42*
Surrogate: d7-N-MeFOSE	*99.9 %*		*10-130*	*EPA 1633A*	*2/14/26 23:42*

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA SW846-3510C Low Level	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
4,4'-DDE	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
4,4'-DDT	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Aldrin	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
alpha-BHC	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
alpha-Chlordane	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
beta-BHC	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
delta-BHC	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Dieldrin	ND		U	0.00200	0.00200	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Endosulfan I	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Endosulfan II	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Endosulfan sulfate	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Endrin	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Endrin aldehyde	ND		U	0.0100	0.0100	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Endrin ketone	ND		U	0.0100	0.0100	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
gamma-BHC (Lindane)	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA SW846-3510C Low Level	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
gamma-Chlordane	ND		U	0.0100	0.0100	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Heptachlor	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Heptachlor epoxide	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Methoxychlor	ND		U	0.00400	0.00400	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
Toxaphene	ND		U	0.100	0.100	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
* Chlordane, total	ND		U	0.200	0.200	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB
* Chlordane, total (alpha, gamma)	ND		U	0.0100	0.0100	1	ug/L	EPA 8081B	2/7/26 7:45	2/ 9/26 21:27	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*58.9 %*		*30-150*	*EPA 8081B*	*2/ 9/26 21:27*
Surrogate: Tetrachloro-m-xylene	*69.8 %*		*30-150*	*EPA 8081B*	*2/ 9/26 21:27*

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA SW846-3510C Low Level	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1221	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1232	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1242	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1248	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1254	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1260	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1262	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
Aroclor 1268	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF
* Total PCBs	ND		U	0.0500	0.0500	1	ug/L	EPA 8082A	2/7/26 7:42	2/ 9/26 17:45	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*73.0 %*		*30-150*	*EPA 8082A*	*2/ 9/26 17:45*
Surrogate: Decachlorobiphenyl	*66.5 %*		*30-150*	*EPA 8082A*	*2/ 9/26 17:45*

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 3015A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	ND		U	0.134	0.556	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Antimony	ND		U	1.11	1.11	1	ug/L	EPA 6020B	2/5/26 8:45	2/ 5/26 14:04	DBT
Arsenic	ND		U	1.11	1.11	1	ug/L	EPA 6020B	2/5/26 8:45	2/ 5/26 14:04	DBT
Barium	ND		U	0.00333	0.0278	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Beryllium	ND		U	0.333	0.333	1	ug/L	EPA 6020B	2/5/26 8:45	2/ 5/26 14:04	DBT
Cadmium	ND		U	0.556	0.556	1	ug/L	EPA 6020B	2/5/26 8:45	2/ 5/26 14:04	DBT

Client:	Vektor Consultants	**Sample ID:**	**26B0173-10**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Blank	**Collection Date/Time:**	2/4/26 16:00

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 3015A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Calcium	ND		U	0.163	0.556	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Chromium	ND		U	0.000493	0.00556	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Cobalt	ND		U	0.00234	0.00444	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Copper	ND		U	0.00580	0.0222	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Iron	ND		U	0.0487	0.278	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Lead	ND		U	0.00658	0.00667	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Magnesium	ND		U	0.0610	0.0667	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Manganese	ND		U	0.00136	0.00556	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Nickel	ND		U	0.00396	0.0111	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Potassium	ND		U	0.741	1.11	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
* Selenium	ND		U	0.00753	0.0278	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Silver	ND		U	0.00570	0.00667	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Sodium	**1.15**			0.970	1.11	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Thallium	ND		U	1.11	1.11	1	ug/L	EPA 6020B	2/5/26 8:45	2/ 5/26 14:04	DBT
Vanadium	ND		U	0.00106	0.0111	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR
Zinc	ND		U	0.0123	0.0278	1	mg/L	EPA 6010D	2/5/26 7:55	2/ 5/26 15:05	AGNR

Lab ID:	**26B0173-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA SW846-7470A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		U	0.0002	0.0002	1	mg/L	EPA 7470	2/5/26 8:30	2/ 5/26 08:30	DBT

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,2-Trichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2,3-Trichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2,4-Trichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2-Dibromoethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,2-Dichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
2-Butanone	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
2-Hexanone	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
4-Methyl-2-pentanone	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Acetone	**0.0071** U	J	J	0.0055	0.011	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Acrolein	ND	ICVE	U	0.0055	0.011	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Acrylonitrile	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Benzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Bromochloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Bromodichloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Bromoform	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Bromomethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Carbon disulfide	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Carbon tetrachloride	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Chlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Chloroethane	ND	CAL-E	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Chloroform	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Chloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
cis-1,3-Dichloropropylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Cyclohexane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Dibromochloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Dibromomethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Dichlorodifluoromethane	ND	CAL-E	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Ethyl Benzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Hexachlorobutadiene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Isopropylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Methyl acetate	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Methylcyclohexane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Methylene chloride	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
n-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
n-Propylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
o-Xylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
p- & m- Xylenes	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
p-Isopropyltoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
sec-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Styrene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
tert-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Tetrachloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Toluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Trichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Vinyl Chloride	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS
Xylenes, Total	ND		U	0.0083	0.017	1	mg/kg dry	EPA 8260D	2/11/26 9:00	2/11/26 13:57	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*112 %*		*77-125*	*EPA 8260D*	*2/11/26 13:57*
Surrogate: SURR: Toluene-d8	*101 %*		*85-120*	*EPA 8260D*	*2/11/26 13:57*
Surrogate: SURR: p-Bromofluorobenzene	*101 %*		*76-130*	*EPA 8260D*	*2/11/26 13:57*

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
1,2,4,5-Tetrachlorobenzene	ND		U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
1,2,4-Trichlorobenzene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
1,2-Dichlorobenzene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
1,3-Dichlorobenzene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
1,4-Dichlorobenzene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,3,4,6-Tetrachlorophenol	ND		U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,4,5-Trichlorophenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,4,6-Trichlorophenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,4-Dichlorophenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,4-Dimethylphenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,4-Dinitrophenol	ND	CAL-E	U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,4-Dinitrotoluene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2,6-Dinitrotoluene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chloronaphthalene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2-Chlorophenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2-Methylnaphthalene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2-Methylphenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2-Nitroaniline	ND		U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
2-Nitrophenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
* 3- & 4-Methylphenols	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
3,3-Dichlorobenzidine	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
3-Nitroaniline	ND		U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4,6-Dinitro-2-methylphenol	ND		U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4-Bromophenyl phenyl ether	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4-Chloro-3-methylphenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4-Chloroaniline	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4-Chlorophenyl phenyl ether	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4-Nitroaniline	ND		U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
4-Nitrophenol	ND	CCVE	U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Acenaphthene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Acenaphthylene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Acetophenone	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Aniline	ND		U	0.193	0.386	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Anthracene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Atrazine	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzaldehyde	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzidine	ND		U	0.193	0.386	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzo(a)anthracene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzo(a)pyrene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzo(b)fluoranthene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzo(g,h,i)perylene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzo(k)fluoranthene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzoic acid	ND R		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzyl alcohol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Benzyl butyl phthalate	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Bis(2-chloroethoxy)methane	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Bis(2-chloroethyl)ether	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Bis(2-ethylhexyl)phthalate	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Caprolactam	ND	ICVE, CCVE	U	0.0964	0.193	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Carbazole	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Chrysene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Dibenzo(a,h)anthracene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Dibenzofuran	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Diethyl phthalate	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Dimethyl phthalate	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Di-n-butyl phthalate	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Di-n-octyl phthalate	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Fluoranthene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Fluorene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Hexachlorobenzene	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Hexachlorobutadiene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Hexachlorocyclopentadiene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Hexachloroethane	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Indeno(1,2,3-cd)pyrene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Isophorone	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Naphthalene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Nitrobenzene	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
N-Nitrosodimethylamine	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
N-nitroso-di-n-propylamine	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
N-Nitrosodiphenylamine	ND	CCVE	U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Pentachlorophenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Phenanthrene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Phenol	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Pyrene	ND		U	0.0483	0.0964	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak
Pyridine	ND R		U	0.193	0.386	2	mg/kg dry	EPA 8270E	2/5/26 8:19	2/ 7/26 23:52	ak

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*48.2 %*		*20-108*	*EPA 8270E*	*2/ 7/26 23:52*
Surrogate: SURR: Phenol-d6	*45.9 %*		*23-114*	*EPA 8270E*	*2/ 7/26 23:52*
Surrogate: SURR: Nitrobenzene-d5	*46.1 %*		*22-108*	*EPA 8270E*	*2/ 7/26 23:52*
Surrogate: SURR: 2-Fluorobiphenyl	*46.8 %*		*21-113*	*EPA 8270E*	*2/ 7/26 23:52*
Surrogate: SURR: 2,4,6-Tribromophenol	*45.8 %*		*19-110*	*EPA 8270E*	*2/ 7/26 23:52*
Surrogate: SURR: Terphenyl-d14	*49.9 %*		*24-116*	*EPA 8270E*	*2/ 7/26 23:52*

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluorobutanesulfonic acid (PFBS)	ND		U	0.0696	0.206	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluorohexanoic acid (PFHxA)	ND		U	0.0946	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluoroheptanoic acid (PFHpA)	ND		U	0.140	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluorohexanesulfonic acid (PFHxS)	ND		U	0.131	0.213	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluorooctanoic acid (PFOA)	ND		U	0.165	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluorooctanesulfonic acid (PFOS)	ND		U	0.215	0.216	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluorononanoic acid (PFNA)	ND		U	0.115	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluorodecanoic acid (PFDA)	ND		U	0.131	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Perfluoroundecanoic acid (PFUnA)	ND		U	0.153	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluorododecanoic acid (PFDoA)	ND		U	0.141	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluorotridecanoic acid (PFTrDA)	ND		U	0.118	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluorotetradecanoic acid (PFTA)	ND		U	0.122	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
N-MeFOSAA	ND		U	0.0936	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
N-EtFOSAA	ND		U	0.156	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluoropentanoic acid (PFPeA)	**0.427**	J	J	0.131	0.466	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluoro-1-octanesulfonamide (FOSA)	ND		U	0.0863	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		U	0.113	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluoro-1-decanesulfonic acid (PFDS)	ND		U	0.136	0.225	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		U	0.530	0.885	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		U	0.412	0.894	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluoro-n-butanoic acid (PFBA)	ND		U	0.214	0.931	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		U	0.199	0.414	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	U	0.323	0.466	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		U	0.211	0.466	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		U	0.216	0.466	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluoro-1-pentanesulfonate (PFPeS)	ND		U	0.103	0.219	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		U	0.295	0.873	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
HFPO-DA (Gen-X)	ND		U	0.658	0.931	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
11CL-PF3OUdS	ND		U	0.389	0.880	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
9CL-PF3ONS	ND		U	0.587	0.871	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
ADONA	ND		U	0.493	0.880	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluorododecanesulfonic acid (PFDoS)	ND		U	0.162	0.226	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		U	0.147	0.223	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		U	0.717	1.16	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		U	1.23	5.82	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		U	1.36	5.82	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
N-MeFOSE	ND		U	0.908	2.33	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
N-MeFOSA	ND		U	0.226	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**PFAS Target compounds by LC/MS-MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 1633 Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
N-EtFOSE	ND		U	0.941	2.33	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH
N-EtFOSA	ND		U	0.130	0.233	1	ug/kg dry	EPA 1633A	2/9/26 8:15	2/15/26 09:52	KFH

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	*108 %*		*40-135*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M5PFHxA	*107 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M4PFHpA	*100 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M3PFHxS	*102 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*101 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M6PFDA	*103 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M7PFUdA	*91.1 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*81.1 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M2PFTeDA	*89.1 %*		*20-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*98.3 %*		*8-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*105 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*105 %*		*35-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*106 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: d3-N-MeFOSAA	*76.2 %*		*40-135*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: d5-N-EtFOSAA	*76.0 %*		*40-150*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M2-6:2 FTS	*116 %*		*40-215*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M2-8:2 FTS	*96.7 %*		*40-275*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M9PFNA	*106 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M2-4:2 FTS	*128 %*		*40-165*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: d-N-MeFOSA	*104 %*		*10-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: d-N-EtFOSA	*99.5 %*		*10-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: M3HFPO-DA	*109 %*		*40-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: d9-N-EtFOSE	*99.2 %*		*15-130*	*EPA 1633A*	*2/15/26 09:52*
Surrogate: d7-N-MeFOSE	*95.4 %*		*20-130*	*EPA 1633A*	*2/15/26 09:52*

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
4,4'-DDE	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
4,4'-DDT	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Aldrin	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
alpha-BHC	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
alpha-Chlordane	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
beta-BHC	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
delta-BHC	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Dieldrin	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Endosulfan I	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Endosulfan II	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Endosulfan sulfate	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Endrin	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Endrin aldehyde	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Endrin ketone	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
gamma-BHC (Lindane)	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
gamma-Chlordane	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Heptachlor	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Heptachlor epoxide	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Methoxychlor	ND		U	0.00190	0.00190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
Toxaphene	ND		U	0.190	0.190	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB
* Chlordane, total	ND		U	0.0379	0.0379	5	mg/kg dry	EPA 8081B	2/5/26 8:10	2/ 5/26 21:03	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*45.4 %*		*30-150*	*EPA 8081B*	*2/ 5/26 21:03*
Surrogate: Tetrachloro-m-xylene	*53.9 %*		*30-150*	*EPA 8081B*	*2/ 5/26 21:03*

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1221	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1232	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1242	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1248	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1254	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1260	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1262	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
Aroclor 1268	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF
* Total PCBs	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	2/5/26 8:07	2/ 5/26 23:29	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*44.5 %*		*30-120*	*EPA 8082A*	*2/ 5/26 23:29*
Surrogate: Decachlorobiphenyl	*35.5 %*		*30-120*	*EPA 8082A*	*2/ 5/26 23:29*

Client:	Vektor Consultants	**Sample ID:**	**26B0173-11**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Field Dup-020426	**Collection Date/Time:**	2/4/26 0:00

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**8200**			4.85	4.85	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Antimony	ND UJ		U	2.42	2.42	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Arsenic	**1.72**			1.45	1.45	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Barium	**42.4**			2.42	2.42	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Beryllium	**0.324**			0.049	0.049	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Cadmium	ND		U	0.291	0.291	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Calcium	**21600**			4.85	4.85	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Chromium	**15.0**			0.485	0.485	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Cobalt	**7.38**			0.388	0.388	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Copper	**16.6**			1.94	1.94	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Iron	**12900**			24.2	24.2	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Lead	**7.35 J**			0.485	0.485	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Magnesium	**13400 J**			4.85	4.85	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Manganese	**238**			0.485	0.485	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Nickel	**15.0**			0.966	0.966	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Potassium	**2070**			4.85	4.85	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Selenium	ND		U	2.42	2.42	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Silver	ND		U	0.489	0.489	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Sodium	**361 J+**			48.5	48.5	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Thallium	ND		U	1.16	1.94	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Vanadium	**22.8**			0.966	0.966	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT
Zinc	**39.5**			2.41	2.41	1	mg/kg dry	EPA 6010D	2/8/26 8:24	2/ 9/26 13:13	JWT

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	ND		J	0.00982	0.0349	1	mg/kg dry	EPA 7473	2/9/26 8:29	2/ 9/26 10:44	LCB

Lab ID:	**26B0173-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.9**			0.100	0.100	1	%	SM 2540G	2/5/26 8:32	2/ 5/26 12:10	CD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-12**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Trip Blank	**Collection Date/Time:**	2/3/26 0:00

Lab ID:	**26B0173-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 5030B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.216	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,1,1-Trichloroethane	ND		U	0.266	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,1,2,2-Tetrachloroethane	ND		U	0.256	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	U	0.286	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,1,2-Trichloroethane	ND		U	0.249	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,1-Dichloroethane	ND		U	0.272	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,1-Dichloroethylene	ND		U	0.327	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2,3-Trichlorobenzene	ND		U	0.222	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2,3-Trichloropropane	ND		U	0.273	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2,4-Trichlorobenzene	ND		U	0.138	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2,4-Trimethylbenzene	ND		U	0.310	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2-Dibromo-3-chloropropane	ND		U	0.432	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2-Dibromoethane	ND		U	0.215	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2-Dichlorobenzene	ND		U	0.270	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2-Dichloroethane	ND		U	0.377	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,2-Dichloropropane	ND		U	0.327	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,3,5-Trimethylbenzene	ND		U	0.347	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,3-Dichlorobenzene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,3-Dichloropropane	ND		U	0.260	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
1,4-Dichlorobenzene	ND		U	0.311	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
2-Butanone	ND		U	0.421	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
2-Hexanone	ND		U	0.320	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
4-Methyl-2-pentanone	ND		U	0.365	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Acetone	**3.57** J+	QL-02, CCVE		1.34	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Acrolein	ND		U	0.447	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Acrylonitrile	ND		U	0.422	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Benzene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Bromochloromethane	ND		U	0.354	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Bromodichloromethane	ND		U	0.245	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Bromoform	ND		U	0.163	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Bromomethane	ND		U	0.500	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Carbon disulfide	ND		U	0.362	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Carbon tetrachloride	ND		U	0.204	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Chlorobenzene	ND		U	0.284	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Chloroethane	ND		U	0.448	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Chloroform	ND		U	0.243	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Chloromethane	ND	CCVE	U	0.372	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
cis-1,2-Dichloroethylene	ND		U	0.294	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
cis-1,3-Dichloropropylene	ND		U	0.262	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Cyclohexane	ND		U	0.491	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Dibromochloromethane	ND		U	0.146	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Dibromomethane	ND		U	0.203	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Dichlorodifluoromethane	ND	CCVE	U	0.451	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD

Client:	Vektor Consultants	**Sample ID:**	**26B0173-12**
Client Project:	24030007 32-10 38th Ave Queens NY	**Date Received:**	02/04/2026
Client Sample ID:	Trip Blank	**Collection Date/Time:**	2/3/26 0:00

Lab ID:	**26B0173-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Water
Prep Method:	Sample Prepared by Method: EPA 5030B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.290	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Hexachlorobutadiene	ND		U	0.241	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Isopropylbenzene	ND		U	0.405	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Methyl acetate	ND		U	0.442	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Methyl tert-butyl ether (MTBE)	ND	QL-02	U	0.244	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Methylcyclohexane	ND	CCVE	U	0.477	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Methylene chloride	ND	CCVE	U	0.397	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Naphthalene	ND		U	0.212	2.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
n-Butylbenzene	ND		U	0.399	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
n-Propylbenzene	ND		U	0.384	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
o-Xylene	ND		U	0.261	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
p- & m- Xylenes	ND		U	0.578	1.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
* p-Diethylbenzene	ND		U	0.341	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
* p-Ethyltoluene	ND		U	0.200	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
p-Isopropyltoluene	ND		U	0.377	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
sec-Butylbenzene	ND		U	0.444	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Styrene	ND		U	0.255	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
tert-Butyl alcohol (TBA)	ND		U	0.608	1.00	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
tert-Butylbenzene	ND		U	0.367	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Tetrachloroethylene	ND		U	0.239	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Toluene	ND		U	0.346	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
trans-1,2-Dichloroethylene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
trans-1,3-Dichloropropylene	ND		U	0.229	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Trichloroethylene	ND		U	0.249	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Trichlorofluoromethane	ND	CCVE	U	0.337	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Vinyl Chloride	ND	CCVE	U	0.469	0.500	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD
Xylenes, Total	ND		U	0.839	1.50	1	ug/L	EPA 8260D	2/10/26 17:07	2/10/26 21:20	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*114 %*		*69-130*	*EPA 8260D*	*2/10/26 21:20*
Surrogate: SURR: Toluene-d8	*105 %*		*81-117*	*EPA 8260D*	*2/10/26 21:20*
Surrogate: SURR: p-Bromofluorobenzene	*103 %*		*79-122*	*EPA 8260D*	*2/10/26 21:20*

VOC Data Section

ALPHA GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data for
ALS Environmental, SDG: 26B0173

9 Soil Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected February 4, 2026

Prepared by: Donald Anné
April 16, 2026

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-butanone and bromoform was below the method minimums, but not below 0.010 for VOA No. 3 on 02-02-26. The average RRFs for bromoform and 2-butanone were below the method minimums, but not below 0.010 for VOA No. 3 on 02-04-26. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %RSDs for acetone and dichlorodifluoromethane were above the allowable maximum (30%) for VOA# 11 on 01-30-26. The %RSDs for 9 compounds (highlighted yellow on attached FORM VI) were above the allowable maximum (30%) for VOA No. 3 on 02-02-26. The %RSDs for 6 compounds (highlighted yellow on attached FORM VI) were above the allowable maximum (30%) for VOA No. 3 on 02-04-26. The %RSD for methylene chloride was above the allowable maximum (30%) for MSVOA7 on 02-09-26. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for 2-butanone and bromoform were below the method minimums, but not below 0.010 on 02-09-26 (V31910229.D). The RRF for bromoform was below the method minimum, but not below 0.010 on 02-09-26 (V11C029506.D). The RRFs for 2-butanone and bromoform were below the method minimum, but not below 0.010 on 02-11-26 (V31910293.D). The %Ds for chloromethane and dichlorodifluoromethane were above the method maximum on 02-09-26 (V31910229.D). The %Ds for 11 compounds (marked with a red X on attached FORM VII) were above the method maximum on 02-09-26 (V11C029506.D). The %Ds for acetone, chloroethane,

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

dichlorodifluoromethane, methylene chloride, and tetrachloroethylene were above the method maximum on 02-11-26 (V31910293.D). The %Ds for 8 compounds (marked with a red X on attached FORM VII) were above the method maximum on 02-10-26 (V7-55289.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for acrolein, chloromethane, and dichlorodifluoromethane were above the allowable maximum (20%) on 02-09-26 (V31910229.D). The %Ds for 13 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 02-09-26 (V11C029506.D). The %Ds for acetone, acrolein, chloroethane, dichlorodifluoromethane, methylene chloride, TBA, and tetrachloroethylene were above the allowable maximum (20%) on 02-11-26 (V31910293.D). The %Ds for 9compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 02-10-26 (V7-55289.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank BB60461-BLK1 contained traces of acetone (0.014 mg/kg) and methylene chloride (0.0068 mg/kg). Method blank BB60463-BLK1 contained traces of acetone (0.011 mg/kg) and methylene chloride (0.0087 mg/kg). Method blank BB60583-BLK1 contained traces of acetone (0.0065 mg/kg) and methylene chloride (0.010 mg/kg). The trip blank contained a trace of acetone (3.57 ug/L). The field blank contained traces of bromodichloromethane (0.470 ug/L) and chloroform (27.0 ug/L). Positive results for methylene chloride that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples. Positive results for bromodichloromethane and chloroform that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: One of three surrogate recoveries for samples 26SB-4 (0-2) and 26SB-4 (5-7) were above control limits. Positive results for samples 26SB-4 (0-2) and 26SB-4 (5-7) should be considered estimated, biased high (J+).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for soil MS/MSD sample 26SB-4 (17-19).

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) f were within QC limits for soil samples BB60461-BS1/BSD1 and BB60583-BS1/BSD1.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 percent recoveries (%Rs) for 2-butanone, 2-hexanone, 4-methyl-2-pentanone, and acetone, and 1 of 2 %Rs for chloroethane were above QC limits for aqueous samples BB60551-BS1/BSD1. Positive results for these compounds should be considered estimated, biased high (J+) in associated aqueous samples.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for chloroethane, methyl acetate, and trans-1,2-dichloroethylene were above QC limits for soil samples BB60463-BS1/BSD1. Positive results for these compounds should be considered estimated, biased high (J+) in associated soil samples.

Two of two %Rs for dichlorodifluoromethane and tetrachloroethylene were below QC limits, but not below 10% for soil samples BB60463-BS1/BSD1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Field Duplicates: The analyses of soil field duplicate pair 26SB-1 (15-17)/Field Dup-020426 reported target compounds as either not detected or below the lowest standard in one or both samples; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compounds and surrogates were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Sequence:	S6B1020	Instrument:	VOA#11
Batch:	BB60463	Calibration:	SB60006

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BB60463-BS1)			Lab File ID: V11C029507.D		Analyzed: 02/09/26 19:28			
SURR: 1,2-Dichloroethane-d4	50.0	116	77 - 125	5.889	5.889	0.0000	+/-0.50	
SURR: Toluene-d8	50.0	91.9	85 - 120	7.544	7.544667	-0.0007	+/-0.50	
SURR: p-Bromofluorobenzene	50.0	97.6	76 - 130	10.312	10.312	0.0000	+/-0.50	
LCS Dup (BB60463-BSD1)			Lab File ID: V11C029508.D		Analyzed: 02/09/26 19:55			
SURR: 1,2-Dichloroethane-d4	50.0	116	77 - 125	5.889	5.889	0.0000	+/-0.50	
SURR: Toluene-d8	50.0	91.8	85 - 120	7.544	7.544667	-0.0007	+/-0.50	
SURR: p-Bromofluorobenzene	50.0	97.1	76 - 130	10.312	10.312	0.0000	+/-0.50	
Blank (BB60463-BLK1)			Lab File ID: V11C029510.D		Analyzed: 02/09/26 20:50			
SURR: 1,2-Dichloroethane-d4	50.0	120	77 - 125	5.889	5.889	0.0000	+/-0.50	
SURR: Toluene-d8	50.0	92.1	85 - 120	7.544	7.544667	-0.0007	+/-0.50	
SURR: p-Bromofluorobenzene	50.0	98.3	76 - 130	10.312	10.312	0.0000	+/-0.50	
26SB-4 (0-2) (26B0173-07)			Lab File ID: V11C029518.D		Analyzed: 02/10/26 00:26			
SURR: 1,2-Dichloroethane-d4	50.0	134	77 - 125	5.889	5.889	0.0000	+/-0.50	*
SURR: Toluene-d8	50.0	87.8	85 - 120	7.544	7.544667	-0.0007	+/-0.50	
SURR: p-Bromofluorobenzene	50.0	97.1	76 - 130	10.312	10.312	0.0000	+/-0.50	
26SB-4 (5-7) (26B0173-08)			Lab File ID: V11C029519.D		Analyzed: 02/10/26 00:53			
SURR: 1,2-Dichloroethane-d4	50.0	128	77 - 125	5.889	5.889	0.0000	+/-0.50	*
SURR: Toluene-d8	50.0	88.6	85 - 120	7.544	7.544667	-0.0007	+/-0.50	
SURR: p-Bromofluorobenzene	50.0	98.9	76 - 130	10.312	10.312	0.0000	+/-0.50	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60463	Laboratory ID:	BB60463-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
1,1,1,2-Tetrachloroethane	50.0	44.2	88.5	75 - 129	
1,1,1-Trichloroethane	50.0	56.8	114	71 - 137	
1,1,2,2-Tetrachloroethane	50.0	44.8	89.5	79 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	66.4	133	58 - 146	
1,1,2-Trichloroethane	50.0	43.8	87.6	83 - 123	
1,1-Dichloroethane	50.0	54.4	109	75 - 130	
1,1-Dichloroethylene	50.0	58.9	118	64 - 137	
1,2,3-Trichlorobenzene	50.0	44.4	88.8	81 - 140	
1,2,3-Trichloropropane	50.0	45.0	89.9	81 - 126	
1,2,4-Trichlorobenzene	50.0	44.4	88.8	80 - 141	
1,2,4-Trimethylbenzene	50.0	46.2	92.4	84 - 125	
1,2-Dibromo-3-chloropropane	50.0	44.6	89.2	74 - 142	
1,2-Dibromoethane	50.0	43.8	87.6	86 - 123	
1,2-Dichlorobenzene	50.0	45.5	91.0	85 - 122	
1,2-Dichloroethane	50.0	58.8	118	71 - 133	
1,2-Dichloropropane	50.0	41.8	83.6	81 - 122	
1,3,5-Trimethylbenzene	50.0	47.0	94.0	82 - 126	
1,3-Dichlorobenzene	50.0	46.7	93.4	84 - 124	
1,4-Dichlorobenzene	50.0	46.5	92.9	84 - 124	
2-Butanone	50.0	55.4	111	58 - 147	
2-Hexanone	50.0	44.2	88.5	70 - 139	
4-Methyl-2-pentanone	50.0	44.6	89.1	72 - 132	
Acetone	50.0	69.2	138	36 - 155	B
Acrolein	200	176	88.0	10 - 238	
Acrylonitrile	50.0	60.7	121	66 - 141	
Benzene	50.0	56.3	113	77 - 127	
Bromochloromethane	50.0	60.4	121	74 - 129	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60463	Laboratory ID:	BB60463-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
Bromodichloromethane	50.0	45.1	90.2	81 - 124	
Bromoform	50.0	46.0	91.9	80 - 136	
Bromomethane	50.0	58.3	117	32 - 177	
Carbon disulfide	50.0	66.0	132	10 - 136	
Carbon tetrachloride	50.0	59.5	119	66 - 143	
Chlorobenzene	50.0	45.7	91.5	86 - 120	
Chloroethane	50.0	75.8	152 *	51 - 142	
Chloroform	50.0	57.5	115	76 - 131	
Chloromethane	50.0	34.9	69.7	49 - 132	
cis-1,2-Dichloroethylene	50.0	57.1	114	74 - 132	
cis-1,3-Dichloropropylene	50.0	43.9	87.8	81 - 129	
Cyclohexane	50.0	53.0	106	70 - 130	
Dibromochloromethane	50.0	45.1	90.2	10 - 200	
Dibromomethane	50.0	43.9	87.8	83 - 124	
Dichlorodifluoromethane	50.0	12.0	24.1 *	28 - 158	
Ethyl Benzene	50.0	46.4	92.8	84 - 125	
Hexachlorobutadiene	50.0	46.5	93.1	83 - 133	
Isopropylbenzene	50.0	45.2	90.3	81 - 127	
Methyl acetate	50.0	79.3	159 *	41 - 143	
Methyl tert-butyl ether (MTBE)	50.0	60.8	122	74 - 131	
Methylcyclohexane	50.0	40.0	80.1	70 - 130	
Methylene chloride	50.0	63.7	127	57 - 141	
n-Butylbenzene	50.0	40.2	80.3	80 - 130	
n-Propylbenzene	50.0	47.0	94.0	74 - 136	
o-Xylene	50.0	45.3	90.6	83 - 123	
p- & m- Xylenes	100	96.1	96.1	82 - 128	
p-Isopropyltoluene	50.0	49.0	98.0	85 - 125	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60463	Laboratory ID:	BB60463-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
sec-Butylbenzene	50.0	46.2	92.4	83 - 125	
Styrene	50.0	43.9	87.9	86 - 126	
tert-Butyl alcohol (TBA)	250	234	93.4	70 - 130	
tert-Butylbenzene	50.0	40.0	80.0	80 - 127	
Tetrachloroethylene	50.0	35.8	71.6 *	80 - 129	
Toluene	50.0	44.4	88.7	85 - 121	
trans-1,2-Dichloroethylene	50.0	67.0	134 *	72 - 132	
trans-1,3-Dichloropropylene	50.0	45.7	91.4	78 - 132	
Trichloroethylene	50.0	44.4	88.7	84 - 123	
Trichlorofluoromethane	50.0	63.5	127	62 - 140	
Vinyl Chloride	50.0	44.6	89.2	52 - 130	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60463	Laboratory ID:	BB60463-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
1,1,1,2-Tetrachloroethane	50.0	46.1	92.2	4.07	30	75 - 129	
1,1,1-Trichloroethane	50.0	59.1	118	3.92	30	71 - 137	
1,1,2,2-Tetrachloroethane	50.0	45.8	91.5	2.23	30	79 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	67.9	136	2.29	30	58 - 146	
1,1,2-Trichloroethane	50.0	45.3	90.6	3.37	30	83 - 123	
1,1-Dichloroethane	50.0	56.5	113	3.84	30	75 - 130	
1,1-Dichloroethylene	50.0	60.8	122	3.12	30	64 - 137	
1,2,3-Trichlorobenzene	50.0	45.6	91.1	2.65	30	81 - 140	
1,2,3-Trichloropropane	50.0	45.7	91.5	1.72	30	81 - 126	
1,2,4-Trichlorobenzene	50.0	45.6	91.1	2.65	30	80 - 141	
1,2,4-Trimethylbenzene	50.0	47.1	94.2	1.91	30	84 - 125	
1,2-Dibromo-3-chloropropane	50.0	45.5	91.0	2.00	30	74 - 142	
1,2-Dibromoethane	50.0	45.7	91.3	4.20	30	86 - 123	
1,2-Dichlorobenzene	50.0	46.9	93.9	3.09	30	85 - 122	
1,2-Dichloroethane	50.0	60.6	121	3.17	30	71 - 133	
1,2-Dichloropropane	50.0	43.4	86.9	3.80	30	81 - 122	
1,3,5-Trimethylbenzene	50.0	47.8	95.7	1.73	30	82 - 126	
1,3-Dichlorobenzene	50.0	47.3	94.5	1.19	30	84 - 124	
1,4-Dichlorobenzene	50.0	47.5	95.0	2.23	30	84 - 124	
2-Butanone	50.0	57.5	115	3.65	30	58 - 147	
2-Hexanone	50.0	45.6	91.1	2.94	30	70 - 139	
4-Methyl-2-pentanone	50.0	46.9	93.8	5.16	30	72 - 132	
Acetone	50.0	73.8	148	6.52	30	36 - 155	B
Acrolein	200	178	89.2	1.31	30	10 - 238	
Acrylonitrile	50.0	61.8	124	1.76	30	66 - 141	
Benzene	50.0	58.6	117	4.07	30	77 - 127	
Bromochloromethane	50.0	62.7	125	3.70	30	74 - 129	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60463	Laboratory ID:	BB60463-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
Bromodichloromethane	50.0	46.5	93.0		3.10	30	81 - 124	
Bromoform	50.0	47.3	94.5		2.79	30	80 - 136	
Bromomethane	50.0	60.7	121		4.05	30	32 - 177	
Carbon disulfide	50.0	67.7	135		2.56	30	10 - 136	
Carbon tetrachloride	50.0	62.1	124		4.19	30	66 - 143	
Chlorobenzene	50.0	47.4	94.8		3.57	30	86 - 120	
Chloroethane	50.0	78.0	156	*	2.93	30	51 - 142	
Chloroform	50.0	59.6	119		3.55	30	76 - 131	
Chloromethane	50.0	35.9	71.7		2.80	30	49 - 132	
cis-1,2-Dichloroethylene	50.0	60.0	120		4.98	30	74 - 132	
cis-1,3-Dichloropropylene	50.0	45.9	91.8		4.46	30	81 - 129	
Cyclohexane	50.0	55.4	111		4.52	30	70 - 130	
Dibromochloromethane	50.0	46.8	93.6		3.70	30	10 - 200	
Dibromomethane	50.0	45.4	90.8		3.36	30	83 - 124	
Dichlorodifluoromethane	50.0	12.5	25.0	*	3.67	30	28 - 158	
Ethyl Benzene	50.0	47.6	95.2		2.60	30	84 - 125	
Hexachlorobutadiene	50.0	47.2	94.5		1.54	30	83 - 133	
Isopropylbenzene	50.0	46.1	92.2		2.08	30	81 - 127	
Methyl acetate	50.0	78.6	157	*	0.785	30	41 - 143	
Methyl tert-butyl ether (MTBE)	50.0	63.8	128		4.76	30	74 - 131	
Methylcyclohexane	50.0	41.3	82.7		3.15	30	70 - 130	
Methylene chloride	50.0	67.2	134		5.23	30	57 - 141	
n-Butylbenzene	50.0	40.7	81.3		1.26	30	80 - 130	
n-Propylbenzene	50.0	48.0	96.0		2.10	30	74 - 136	
o-Xylene	50.0	46.9	93.8		3.43	30	83 - 123	
p- & m- Xylenes	100	98.4	98.4		2.37	30	82 - 128	
p-Isopropyltoluene	50.0	50.2	100		2.40	30	85 - 125	
sec-Butylbenzene	50.0	47.0	94.1		1.82	30	83 - 125	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60463	Laboratory ID:	BB60463-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
Styrene	50.0	45.7	91.3	3.84	30	86 - 126	
tert-Butyl alcohol (TBA)	250	243	97.1	3.84	30	70 - 130	
tert-Butylbenzene	50.0	41.0	81.9	2.35	30	80 - 127	
Tetrachloroethylene	50.0	36.5	73.0 *	1.96	30	80 - 129	
Toluene	50.0	45.8	91.6	3.15	30	85 - 121	
trans-1,2-Dichloroethylene	50.0	68.3	137 *	1.92	30	72 - 132	
trans-1,3-Dichloropropylene	50.0	47.2	94.5	3.34	30	78 - 132	
Trichloroethylene	50.0	45.7	91.4	2.95	30	84 - 123	
Trichlorofluoromethane	50.0	64.9	130	2.24	30	62 - 140	
Vinyl Chloride	50.0	45.6	91.3	2.24	30	52 - 130	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60551	Laboratory ID:	BB60551-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
1,1,1,2-Tetrachloroethane	10.0	10.6	106	82 - 126	
1,1,1-Trichloroethane	10.0	11.6	116	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	8.90	89.0	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.3	123	54 - 165	
1,1,2-Trichloroethane	10.0	9.80	98.0	82 - 123	
1,1-Dichloroethane	10.0	11.0	110	82 - 129	
1,1-Dichloroethylene	10.0	11.1	111	68 - 138	
1,2,3-Trichlorobenzene	10.0	9.32	93.2	76 - 136	
1,2,3-Trichloropropane	10.0	8.78	87.8	77 - 128	
1,2,4-Trichlorobenzene	10.0	9.83	98.3	76 - 137	
1,2,4-Trimethylbenzene	10.0	11.4	114	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	8.15	81.5	45 - 147	
1,2-Dibromoethane	10.0	9.81	98.1	83 - 124	
1,2-Dichlorobenzene	10.0	9.87	98.7	79 - 123	
1,2-Dichloroethane	10.0	9.79	97.9	73 - 132	
1,2-Dichloropropane	10.0	10.6	106	78 - 126	
1,3,5-Trimethylbenzene	10.0	11.6	116	80 - 131	
1,3-Dichlorobenzene	10.0	10.5	105	86 - 122	
1,3-Dichloropropane	10.0	10.0	100	81 - 125	
1,4-Dichlorobenzene	10.0	10.3	103	85 - 124	
2-Butanone	10.0	52.0	520 *	49 - 152	
2-Hexanone	10.0	38.0	380 *	51 - 146	
4-Methyl-2-pentanone	10.0	41.9	419 *	57 - 145	
Acetone	10.0	37.4	374 *	14 - 150	
Acrolein	40.0	24.5	61.2	10 - 153	
Acrylonitrile	10.0	10.6	106	51 - 150	
Benzene	10.0	10.9	109	85 - 126	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60551	Laboratory ID:	BB60551-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
Bromochloromethane	10.0	9.87	98.7	77 - 128	
Bromodichloromethane	10.0	10.4	104	79 - 128	
Bromoform	10.0	9.06	90.6	78 - 133	
Bromomethane	10.0	10.7	107	43 - 168	
Carbon disulfide	10.0	10.2	102	68 - 146	
Carbon tetrachloride	10.0	11.6	116	77 - 141	
Chlorobenzene	10.0	10.9	109	88 - 120	
Chloroethane	10.0	14.5	145 *	65 - 136	
Chloroform	10.0	10.4	104	82 - 128	
Chloromethane	10.0	8.51	85.1	43 - 155	
cis-1,2-Dichloroethylene	10.0	10.9	109	83 - 129	
cis-1,3-Dichloropropylene	10.0	10.6	106	80 - 131	
Cyclohexane	10.0	12.9	129	63 - 149	
Dibromochloromethane	10.0	9.85	98.5	80 - 130	
Dibromomethane	10.0	10.0	100	72 - 134	
Dichlorodifluoromethane	10.0	5.00	50.0	44 - 144	
Ethyl Benzene	10.0	12.0	120	80 - 131	
Hexachlorobutadiene	10.0	12.3	123	67 - 146	
Isopropylbenzene	10.0	12.0	120	76 - 140	
Methyl acetate	10.0	9.30	93.0	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	9.11	91.1	76 - 135	
Methylcyclohexane	10.0	12.8	128	72 - 143	
Methylene chloride	10.0	7.41	74.1	55 - 137	
Naphthalene	10.0	9.01	90.1	70 - 147	
n-Butylbenzene	10.0	10.4	104	79 - 132	
n-Propylbenzene	10.0	11.8	118	78 - 133	
o-Xylene	10.0	12.0	120	78 - 130	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60551	Laboratory ID:	BB60551-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
p- & m- Xylenes	20.0	23.6	118	77 - 133	
p-Diethylbenzene	10.0	12.0	120	84 - 134	
p-Ethyltoluene	10.0	11.6	116	88 - 129	
p-Isopropyltoluene	10.0	12.9	129	81 - 136	
sec-Butylbenzene	10.0	12.6	126	79 - 137	
Styrene	10.0	11.7	117	67 - 132	
tert-Butyl alcohol (TBA)	50.0	51.0	102	25 - 162	
tert-Butylbenzene	10.0	10.6	106	77 - 138	
Tetrachloroethylene	10.0	10.6	106	82 - 131	
Toluene	10.0	11.5	115	80 - 127	
trans-1,2-Dichloroethylene	10.0	11.1	111	80 - 132	
trans-1,3-Dichloropropylene	10.0	10.6	106	78 - 131	
Trichloroethylene	10.0	11.2	112	82 - 128	
Trichlorofluoromethane	10.0	12.4	124	67 - 139	
Vinyl Chloride	10.0	10.4	104	58 - 145	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60551	Laboratory ID:	BB60551-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
1,1,1,2-Tetrachloroethane	10.0	10.3	103		2.97	30	82 - 126	
1,1,1-Trichloroethane	10.0	10.6	106		8.96	30	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	9.23	92.3		3.64	30	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.3	113		8.55	30	54 - 165	
1,1,2-Trichloroethane	10.0	10.4	104		5.84	30	82 - 123	
1,1-Dichloroethane	10.0	10.1	101		8.37	30	82 - 129	
1,1-Dichloroethylene	10.0	10.2	102		8.37	30	68 - 138	
1,2,3-Trichlorobenzene	10.0	9.22	92.2		1.08	30	76 - 136	
1,2,3-Trichloropropane	10.0	9.12	91.2		3.80	30	77 - 128	
1,2,4-Trichlorobenzene	10.0	9.26	92.6		5.97	30	76 - 137	
1,2,4-Trimethylbenzene	10.0	9.76	97.6		15.5	30	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	9.15	91.5		11.6	30	45 - 147	
1,2-Dibromoethane	10.0	10.6	106		7.93	30	83 - 124	
1,2-Dichlorobenzene	10.0	9.13	91.3		7.79	30	79 - 123	
1,2-Dichloroethane	10.0	10.2	102		3.71	30	73 - 132	
1,2-Dichloropropane	10.0	10.1	101		5.02	30	78 - 126	
1,3,5-Trimethylbenzene	10.0	9.76	97.6		16.8	30	80 - 131	
1,3-Dichlorobenzene	10.0	9.17	91.7		13.3	30	86 - 122	
1,3-Dichloropropane	10.0	10.5	105		5.16	30	81 - 125	
1,4-Dichlorobenzene	10.0	9.26	92.6		11.0	30	85 - 124	
2-Butanone	10.0	51.4	514	*	1.22	30	49 - 152	
2-Hexanone	10.0	48.1	481	*	23.2	30	51 - 146	
4-Methyl-2-pentanone	10.0	49.5	495	*	16.6	30	57 - 145	
Acetone	10.0	42.8	428	*	13.3	30	14 - 150	
Acrolein	40.0	27.2	67.9		10.3	30	10 - 153	
Acrylonitrile	10.0	11.3	113		5.66	30	51 - 150	
Benzene	10.0	10.2	102		7.22	30	85 - 126	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60551	Laboratory ID:	BB60551-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
Bromochloromethane	10.0	10.2	102	2.80	30	77 - 128	
Bromodichloromethane	10.0	10.3	103	1.07	30	79 - 128	
Bromoform	10.0	9.90	99.0	8.86	30	78 - 133	
Bromomethane	10.0	10.2	102	5.06	30	43 - 168	
Carbon disulfide	10.0	9.24	92.4	9.48	30	68 - 146	
Carbon tetrachloride	10.0	10.6	106	9.10	30	77 - 141	
Chlorobenzene	10.0	10.2	102	6.54	30	88 - 120	
Chloroethane	10.0	13.4	134	7.74	30	65 - 136	
Chloroform	10.0	9.88	98.8	5.51	30	82 - 128	
Chloromethane	10.0	7.77	77.7	9.09	30	43 - 155	
cis-1,2-Dichloroethylene	10.0	10.1	101	7.43	30	83 - 129	
cis-1,3-Dichloropropylene	10.0	10.5	105	0.853	30	80 - 131	
Cyclohexane	10.0	11.6	116	10.1	30	63 - 149	
Dibromochloromethane	10.0	10.2	102	3.98	30	80 - 130	
Dibromomethane	10.0	10.6	106	5.53	30	72 - 134	
Dichlorodifluoromethane	10.0	4.55	45.5	9.42	30	44 - 144	
Ethyl Benzene	10.0	10.9	109	9.72	30	80 - 131	
Hexachlorobutadiene	10.0	10.2	102	18.8	30	67 - 146	
Isopropylbenzene	10.0	10.1	101	17.5	30	76 - 140	
Methyl acetate	10.0	10.6	106	13.4	30	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	10.4	104	13.0	30	76 - 135	
Methylcyclohexane	10.0	11.1	111	14.4	30	72 - 143	
Methylene chloride	10.0	7.46	74.6	0.672	30	55 - 137	
Naphthalene	10.0	9.55	95.5	5.82	30	70 - 147	
n-Butylbenzene	10.0	8.55	85.5	19.1	30	79 - 132	
n-Propylbenzene	10.0	9.95	99.5	17.4	30	78 - 133	
o-Xylene	10.0	11.1	111	7.88	30	78 - 130	
p- & m- Xylenes	20.0	21.3	107	10.1	30	77 - 133	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60551	Laboratory ID:	BB60551-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
p-Diethylbenzene	10.0	10.1	101	17.5	30	84 - 134	
p-Ethyltoluene	10.0	9.77	97.7	17.6	30	88 - 129	
p-Isopropyltoluene	10.0	10.7	107	18.4	30	81 - 136	
sec-Butylbenzene	10.0	10.4	104	19.2	30	79 - 137	
Styrene	10.0	11.2	112	4.89	30	67 - 132	
tert-Butyl alcohol (TBA)	50.0	52.6	105	3.01	30	25 - 162	
tert-Butylbenzene	10.0	8.78	87.8	18.7	30	77 - 138	
Tetrachloroethylene	10.0	9.45	94.5	11.3	30	82 - 131	
Toluene	10.0	10.5	105	9.72	30	80 - 127	
trans-1,2-Dichloroethylene	10.0	10.3	103	7.66	30	80 - 132	
trans-1,3-Dichloropropylene	10.0	10.5	105	0.853	30	78 - 131	
Trichloroethylene	10.0	10.1	101	10.5	30	82 - 128	
Trichlorofluoromethane	10.0	11.4	114	8.83	30	67 - 139	
Vinyl Chloride	10.0	9.24	92.4	11.7	30	58 - 145	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	ALS Environmental - Stratford			SDG:	26B0173
Client:	Vektor Consultants			Laboratory ID:	BB60461-BLK1
Project:	24030007 32-10 38th Ave Queens NY			Calibration:	SB60011
Preparation:	EPA 5035A	Prepared:	02/09/26 15:50	File ID:	V31910232.D
Instrument:	VOA No. 3	Analyzed:	02/09/26 20:35	Initial/Final:	5 g / 5 ml
Batch:	BB60461	Sequence:	S6B1013	Matrix:	Soil

Analyzed by: ALS Environmental - Stratford

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5035A

Results Reported to MDL

CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
71-55-6	1,1,1-Trichloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
79-00-5	1,1,2-Trichloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
75-34-3	1,1-Dichloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
75-35-4	1,1-Dichloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
96-18-4	1,2,3-Trichloropropane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
106-93-4	1,2-Dibromoethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
95-50-1	1,2-Dichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
107-06-2	1,2-Dichloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
78-87-5	1,2-Dichloropropane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
541-73-1	1,3-Dichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
106-46-7	1,4-Dichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
78-93-3	2-Butanone	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
591-78-6	2-Hexanone	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
108-10-1	4-Methyl-2-pentanone	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
67-64-1	Acetone	0.014		mg/kg wet	0.010	0.0050	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
107-02-8	Acrolein	ND		mg/kg wet	0.010	0.0050	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
107-13-1	Acrylonitrile	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
71-43-2	Benzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
74-97-5	Bromochloromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
75-27-4	Bromodichloromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
75-25-2	Bromoform	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
74-83-9	Bromomethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
75-15-0	Carbon disulfide	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
56-23-5	Carbon tetrachloride	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
108-90-7	Chlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
75-00-3	Chloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
67-66-3	Chloroform	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
74-87-3	Chloromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
110-82-7	Cyclohexane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
124-48-1	Dibromochloromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
74-95-3	Dibromomethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
75-71-8	Dichlorodifluoromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
100-41-4	Ethyl Benzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	

FORM I

METHOD BLANK DATA SHEET
EPA 8260D

Laboratory:	ALS Environmental - Stratford			SDG:	26B0173
Client:	Vektor Consultants			Laboratory ID:	BB60461-BLK1
Project:	24030007 32-10 38th Ave Queens NY			Calibration:	SB60011
Preparation:	EPA 5035A	Prepared:	02/09/26 15:50	File ID:	V31910232.D
Instrument:	VOA No. 3	Analyzed:	02/09/26 20:35	Initial/Final:	5 g / 5 ml
Batch:	BB60461	Sequence:	S6B1013	Matrix:	Soil

Volatile Organic Compounds by GC/MS
Sample Prepared by Method: EPA 5035A

Results Reported to MDL

CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
98-82-8	Isopropylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
79-20-9	Methyl acetate	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
108-87-2	Methylcyclohexane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
75-09-2	Methylene chloride	0.0068	J	mg/kg wet	0.010	0.0050	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
104-51-8	n-Butylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
103-65-1	n-Propylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
95-47-6	o-Xylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
179601-23-1	p- & m- Xylenes	ND		mg/kg wet	0.010	0.0050	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
99-87-6	p-Isopropyltoluene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
135-98-8	sec-Butylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
100-42-5	Styrene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg wet	0.025	0.012	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
98-06-6	tert-Butylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
127-18-4	Tetrachloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
108-88-3	Toluene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
79-01-6	Trichloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
75-69-4	Trichlorofluoromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
75-01-4	Vinyl Chloride	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	
1330-20-7	Xylenes, Total	ND		mg/kg wet	0.015	0.0075	1	EPA 8260D	02/09/26 15:50	02/09/26 20:35	

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	SURR: 1,2-Dichloroethane-d4	*99.3 %*	*77-125*
460-00-4	SURR: p-Bromofluorobenzene	*105 %*	*76-130*
2037-26-5	SURR: Toluene-d8	*105 %*	*85-120*

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	ALS Environmental - Stratford			SDG:	26B0173
Client:	Vektor Consultants			Laboratory ID:	BB60463-BLK1
Project:	24030007 32-10 38th Ave Queens NY			Calibration:	SB60006
Preparation:	EPA 5035A	Prepared:	02/09/26 16:03	File ID:	V11C029510.D
Instrument:	VOA#11	Analyzed:	02/09/26 20:50	Initial/Final:	5 g / 5 ml
Batch:	BB60463	Sequence:	S6B1020	Matrix:	Soil

Analyzed by: ALS Environmental - Stratford

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5035A

Results Reported to MDL

CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
71-55-6	1,1,1-Trichloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
79-00-5	1,1,2-Trichloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
75-34-3	1,1-Dichloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
75-35-4	1,1-Dichloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
96-18-4	1,2,3-Trichloropropane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
106-93-4	1,2-Dibromoethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
95-50-1	1,2-Dichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
107-06-2	1,2-Dichloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
78-87-5	1,2-Dichloropropane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
541-73-1	1,3-Dichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
106-46-7	1,4-Dichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
78-93-3	2-Butanone	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
591-78-6	2-Hexanone	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
108-10-1	4-Methyl-2-pentanone	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
67-64-1	Acetone	0.011		mg/kg wet	0.010	0.0050	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
107-02-8	Acrolein	ND		mg/kg wet	0.010	0.0050	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
107-13-1	Acrylonitrile	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
71-43-2	Benzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
74-97-5	Bromochloromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
75-27-4	Bromodichloromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
75-25-2	Bromoform	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
74-83-9	Bromomethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
75-15-0	Carbon disulfide	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
56-23-5	Carbon tetrachloride	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
108-90-7	Chlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
75-00-3	Chloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
67-66-3	Chloroform	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
74-87-3	Chloromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
110-82-7	Cyclohexane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
124-48-1	Dibromochloromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
74-95-3	Dibromomethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
75-71-8	Dichlorodifluoromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
100-41-4	Ethyl Benzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	

FORM I

METHOD BLANK DATA SHEET
EPA 8260D

Laboratory:	ALS Environmental - Stratford			SDG:	26B0173
Client:	Vektor Consultants			Laboratory ID:	BB60463-BLK1
Project:	24030007 32-10 38th Ave Queens NY			Calibration:	SB60006
Preparation:	EPA 5035A	Prepared:	02/09/26 16:03	File ID:	V11C029510.D
Instrument:	VOA#11	Analyzed:	02/09/26 20:50	Initial/Final:	5 g / 5 ml
Batch:	BB60463	Sequence:	S6B1020	Matrix:	Soil

Volatile Organic Compounds by GC/MS
Sample Prepared by Method: EPA 5035A

Results Reported to MDL

CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
98-82-8	Isopropylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
79-20-9	Methyl acetate	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
108-87-2	Methylcyclohexane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
75-09-2	Methylene chloride	0.0087	J	mg/kg wet	0.010	0.0050	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
104-51-8	n-Butylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
103-65-1	n-Propylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
95-47-6	o-Xylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
179601-23-1	p- & m- Xylenes	ND		mg/kg wet	0.010	0.0050	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
99-87-6	p-Isopropyltoluene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
135-98-8	sec-Butylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
100-42-5	Styrene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg wet	0.025	0.012	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
98-06-6	tert-Butylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
127-18-4	Tetrachloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
108-88-3	Toluene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
79-01-6	Trichloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
75-69-4	Trichlorofluoromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
75-01-4	Vinyl Chloride	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	
1330-20-7	Xylenes, Total	ND		mg/kg wet	0.015	0.0075	1	EPA 8260D	02/09/26 16:03	02/09/26 20:50	

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	SURR: 1,2-Dichloroethane-d4	*120 %*	*77-125*
460-00-4	SURR: p-Bromofluorobenzene	*98.3 %*	*76-130*
2037-26-5	SURR: Toluene-d8	*92.1 %*	*85-120*

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	ALS Environmental - Stratford			SDG:	26B0173
Client:	Vektor Consultants			Laboratory ID:	BB60583-BLK1
Project:	24030007 32-10 38th Ave Queens NY			Calibration:	SB60009
Preparation:	EPA 5035A	Prepared:	02/11/26 08:57	File ID:	V31910296.D
Instrument:	VOA No. 3	Analyzed:	02/11/26 10:48	Initial/Final:	5 g / 5 ml
Batch:	BB60583	Sequence:	S6B1218	Matrix:	Soil

Analyzed by: ALS Environmental - Stratford

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5035A

Results Reported to MDL

CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
71-55-6	1,1,1-Trichloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
79-00-5	1,1,2-Trichloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
75-34-3	1,1-Dichloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
75-35-4	1,1-Dichloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
96-18-4	1,2,3-Trichloropropane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
106-93-4	1,2-Dibromoethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
95-50-1	1,2-Dichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
107-06-2	1,2-Dichloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
78-87-5	1,2-Dichloropropane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
541-73-1	1,3-Dichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
106-46-7	1,4-Dichlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
78-93-3	2-Butanone	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
591-78-6	2-Hexanone	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
108-10-1	4-Methyl-2-pentanone	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
67-64-1	Acetone	0.0065	J	mg/kg wet	0.010	0.0050	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
107-02-8	Acrolein	ND		mg/kg wet	0.010	0.0050	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
107-13-1	Acrylonitrile	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
71-43-2	Benzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
74-97-5	Bromochloromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
75-27-4	Bromodichloromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
75-25-2	Bromoform	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
74-83-9	Bromomethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
75-15-0	Carbon disulfide	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
56-23-5	Carbon tetrachloride	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
108-90-7	Chlorobenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
75-00-3	Chloroethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
67-66-3	Chloroform	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
74-87-3	Chloromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
110-82-7	Cyclohexane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
124-48-1	Dibromochloromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
74-95-3	Dibromomethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
75-71-8	Dichlorodifluoromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
100-41-4	Ethyl Benzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	

FORM I

METHOD BLANK DATA SHEET
EPA 8260D

Laboratory:	ALS Environmental - Stratford			SDG:	26B0173
Client:	Vektor Consultants			Laboratory ID:	BB60583-BLK1
Project:	24030007 32-10 38th Ave Queens NY			Calibration:	SB60009
Preparation:	EPA 5035A	Prepared:	02/11/26 08:57	File ID:	V31910296.D
Instrument:	VOA No. 3	Analyzed:	02/11/26 10:48	Initial/Final:	5 g / 5 ml
Batch:	BB60583	Sequence:	S6B1218	Matrix:	Soil

Volatile Organic Compounds by GC/MS
Sample Prepared by Method: EPA 5035A

Results Reported to MDL

CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
98-82-8	Isopropylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
79-20-9	Methyl acetate	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
108-87-2	Methylcyclohexane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
75-09-2	Methylene chloride	0.010		mg/kg wet	0.010	0.0050	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
104-51-8	n-Butylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
103-65-1	n-Propylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
95-47-6	o-Xylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
179601-23-1	p- & m- Xylenes	ND		mg/kg wet	0.010	0.0050	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
99-87-6	p-Isopropyltoluene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
135-98-8	sec-Butylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
100-42-5	Styrene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg wet	0.025	0.012	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
98-06-6	tert-Butylbenzene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
127-18-4	Tetrachloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
108-88-3	Toluene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
79-01-6	Trichloroethylene	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
75-69-4	Trichlorofluoromethane	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
75-01-4	Vinyl Chloride	ND		mg/kg wet	0.0050	0.0025	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	
1330-20-7	Xylenes, Total	ND		mg/kg wet	0.015	0.0075	1	EPA 8260D	02/11/26 08:57	02/11/26 10:48	

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	SURR: 1,2-Dichloroethane-d4	*98.7 %*	*77-125*
460-00-4	SURR: p-Bromofluorobenzene	*103 %*	*76-130*
2037-26-5	SURR: Toluene-d8	*104 %*	*85-120*

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60006
Instrument: VOA#11
Calibration Date: 01/30/26 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2181885	9.798098	9.132857	2.866735E-02			20	
1,1,1-Trichloroethane	1.795599	6.69327	5.445	1.472021E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.3990863	8.230336	10.52243	0.0318644			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.8058233	17.21215	3.309	7.959612E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1964245	6.591365	8.14	5.654349E-03			SPCC (0.1)	
1,1-Dichloroethane	2.278812	10.06749	4.543857	0.0596792			SPCC (0.2)	
1,1-Dichloroethylene	1.317894	15.60292	3.273	0.1063631			SPCC (0.1)	
1,1-Dichloropropylene	1.83466	9.994081	5.548	1.209787E-02			20	
1,2,3-Trichlorobenzene	0.402437	9.767158	14.36414	9.222864E-03			20	
1,2,3-Trichloropropane	0.1214072	7.238365	10.67786	1.926103E-02			20	
1,2,3-Trimethylbenzene	1.530254	3.612134	11.571	1.608552E-02			20	
1,2,4,5-Tetramethylbenzene	1.339534	8.280654	12.703	3.735556E-03			20	
1,2,4-Trichlorobenzene	0.402437	9.767158	14.36414	9.222864E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	1.560777	4.118257	11.07886	1.776756E-02			20	
1,2-Dibromo-3-chloropropane	5.917988E-02	24.60277	12.95629	2.568435E-02		0.9999517	SPCC (0.05)	
1,2-Dibromoethane	0.1833139	6.84224	8.56	1.710302E-02			SPCC (0.1)	
1,2-Dichlorobenzene	0.7278631	5.551064	12.03243	2.502677E-02			SPCC (0.4)	
1,2-Dichloroethane	1.372038	11.18381	5.95	2.142066E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2849708	5.970684	6.753	2.028065E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.597578	3.272303	10.65229	1.441632E-02			20	
1,3-Dichlorobenzene	0.7679847	5.22855	11.45571	1.189779E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3675434	5.767206	8.408857	3.076702E-02			20	
1,4-Dichlorobenzene	0.7553868	4.92663	11.55386	1.734133E-02			SPCC (0.5)	
1,4-Dioxane	2.085156E-03	10.7753	6.97875	2.948565E-02			20	
2,2-Dichloropropane	1.531788	1.841742	5.116143	1.053715E-02			20	
2-Butanone	0.1968529	10.55179	5.534286	5.158067E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	0.1130515	8.407045	7.301143	3.117283E-02			20	
2-Chlorotoluene	1.527869	3.843971	10.622	1.737448E-02			20	
2-Hexanone	0.1488006	9.313558	8.748	1.978969E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60006
Instrument: VOA#11
Calibration Date: 01/30/26 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
2-Nitropropane	0.0487129	5.602938	7.392	1.034966E-02			20	
4-Chlorotoluene	1.356294	4.05105	10.80186	3.095935E-02			20	
4-Methyl-2-pentanone	0.1992006	8.292802	7.940714	3.383256E-02			SPCC (0.1)	
Acetone	0.2837297	36.37412	3.886857	0.0657152		0.9961395	SPCC (0.1)	
Acrolein	0.1272293	25.61997	3.607889	0.089114		0.9992737	0.99	
Acrylonitrile	0.3559356	10.28282	4.599	6.704842E-03			20	
Allyl chloride	1.086965	15.75671	3.729857	0.058093			20	
Benzene	5.222339	11.06173	5.767	2.557039E-02			SPCC (0.5)	
Bromobenzene	0.8778303	2.868362	10.428	1.846154E-02			20	
Bromochloromethane	0.9377713	10.7077	5.199286	6.717098E-02			20	
Bromodichloromethane	0.3033484	11.60812	6.799857	4.321613E-02			SPCC (0.2)	
Bromoform	0.1066339	23.77503	9.771715	0.0326379		0.9999249	SPCC (0.1)	
Bromomethane	0.5846792	25.73143	2.47	0.1400019		0.997384	SPCC (0.1)	
Carbon disulfide	2.003248	12.92022	3.303714	0.1141152			SPCC (0.1)	
Carbon tetrachloride	1.456748	2.278697	5.381428	5.894495E-02			SPCC (0.1)	
Chlorobenzene	0.6885583	3.081273	9.071	3.919566E-03			SPCC (0.5)	
Chloroethane	0.5339821	27.2298	2.598	0.2310839		0.9964341	SPCC (0.1)	
Chloroform	2.055489	9.349681	5.256	1.418023E-02			SPCC (0.2)	
Chloromethane	1.287155	19.96422	2.016571	0.1592057			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.685928	9.641116	5.019857	4.259427E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3873868	11.29827	7.373143	1.474583E-02			SPCC (0.2)	
cis-decahydronaphthalene	0.4055549	6.564928	12.24786	2.558988E-02			20	
Cyclohexane	2.31669	12.99092	5.196429	4.999555E-02			SPCC (0.1)	
Dibromochloromethane	0.194884	15.62219	8.316857	1.949054E-02			SPCC (0.1)	
Dibromomethane	0.1287588	7.987522	6.662857	3.874725E-02			20	
Dichlorodifluoromethane	0.81847	31.62765	1.802	0.1371508		0.9930081	SPCC (0.1)	
Diisopropyl ether (DIPE)	3.867349	11.13211	4.417857	5.246129E-02			20	
Ethanol	7.634689E-03	12.72252	3.236	6.703142E-02			20	
Ethyl Benzene	1.252443	2.113144	9.084714	0.0328732			SPCC (0.1)	
Ethyl Ether	0.6548508	13.50157	3.076429	0.1007357			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60006
Instrument: VOA#11
Calibration Date: 01/30/26 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Ethyl Methacrylate	0.3003688	11.92688	8.109714	5.632652E-03			20	
Ethyl tert-butyl ether (ETBE)	3.336667	7.448379	4.745	1.185501E-02			20	
Hexachlorobutadiene	0.2876391	8.86899	13.71271	1.808486E-02			20	
Hexachloroethane	0.2512518	21.39798	12.00043	3.494672E-02		0.9998486	0.99	
Iodomethane	0.8595615	16.15051	3.419	9.961827E-02			20	
Isopropylbenzene	2.047316	2.870124	10.00171	1.010698E-02			SPCC (0.1)	
Limonene	0.6456126	7.298082	11.16443	2.020123E-02			20	
Methyl acetate	0.4479665	15.6856	3.994429	0.0793191			SPCC (0.1)	
Methyl Methacrylate	0.1588526	12.45815	6.917	8.734437E-03			20	
Methyl tert-butyl ether (MTBE)	2.382417	14.76889	4.082	1.979751E-02			SPCC (0.1)	
Methylcyclohexane	0.5397826	4.13875	6.272	8.354604E-03			SPCC (0.1)	
Methylene chloride	0.9777332	18.44467	3.832143	6.062483E-02			SPCC (0.1)	
Naphthalene	1.062894	10.19261	14.14429	9.698965E-03			20	
n-butyl acetate	0.1439628	15.35067	8.639857	1.368661E-02			20	
n-Butylbenzene	1.853561	7.890605	11.83386	2.477887E-02			20	
n-Decane	0.7826538	4.103513	10.39786	2.618084E-02			20	
n-Hexane	1.625619	31.84451	4.039	6.682342E-02			20	*
Nitrobenzene	1.396495E-02	81.40718	13.625	2.482871E-02			20	*
n-Nonane	0.4612222	3.584162	8.961	1.263459E-02			20	
n-octane	0.2950467	5.323744	7.392	1.053958E-02			20	
n-Propylbenzene	2.378503	1.306053	10.44157	3.023721E-02			20	
n-undecane	0.5850758	10.23419	11.717	1.659647E-02			20	
o-Xylene	0.9380479	3.543806	9.677286	2.474637E-02			SPCC (0.3)	
p- & m- Xylenes	0.9079877	2.54482	9.229857	3.126855E-02			SPCC (0.1)	
p-Diethylbenzene	0.7784785	7.581097	10.45933	37.50002			20	
p-Ethyltoluene	1.902479	3.008136	10.561	1.804802E-02			20	
p-Isopropyltoluene	1.70777	3.928692	11.358	2.359401E-02			20	
sec-Butylbenzene	2.194063	1.934581	11.20086	1.710305E-02			20	
Styrene	0.7124076	4.967727	9.732286	3.505843E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.112514	6.340084	5.889	1.219721E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60006
Instrument: VOA#11
Calibration Date: 01/30/26 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
SURR: p-Bromofluorobenzene	1.075598	0.4861047	10.312	8.767381E-03			20	
SURR: Toluene-d8	1.037963	4.176629	7.544667	2.449071E-02			20	
tert-Amyl alcohol (TAA)	5.578171E-02	9.608037	6.027286	5.009386E-02			20	
tert-Amyl methyl ether (TAME)	2.638126	4.503453	5.852714	8.381449E-03			20	
tert-Butyl alcohol (TBA)	9.452121E-02	9.414825	4.180714	5.737059E-02			20	
tert-Butylbenzene	1.610639	4.451212	11.005	1.864584E-02			20	
Tetrachloroethylene	0.3294066	5.606007	7.963714	0.0139661			SPCC (0.2)	
Tetrahydrofuran	0.3191996	9.209686	5.408222	6.521307E-03			20	
Toluene	1.154189	3.538377	7.593143	0.0333679			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.266074	14.37555	3.978143	5.437626E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.3280833	13.70589	7.982	6.69438E-03			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.1068464	11.45649	10.71386	1.039008E-02			20	
trans-decahydronaphthalene	0.5352519	5.177478	11.626	0.0227716			20	
Trichloroethylene	0.2795111	4.973822	6.277143	0.042199			SPCC (0.2)	
Trichlorofluoromethane	1.416084	21.52429	2.752571	0.1715076		0.9952507	SPCC (0.1)	
Vinyl acetate	2.186818	6.069508	4.757429	1.818086E-02			20	
Vinyl Chloride	1.302708	21.00658	2.111	0.163955		0.9925649	SPCC (0.1)	
Xylenes, Total	0.9185241	3.602641	8.204222	37.50002			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60009
Instrument: VOA No. 3
Calibration Date: 02/02/26 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2013265	29.05072	8.908428	1.851082E-02		0.9999544	0.99	
1,1,1-Trichloroethane	1.21746	17.24234	5.15	0.0339386			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4819111	3.950323	10.23086	2.620504E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.9399045	20.10783	2.968714	0.1235097		0.9983161	SPCC (0.1)	
1,1,2-Trichloroethane	0.1724965	4.415903	7.795286	1.951211E-02			SPCC (0.1)	
1,1-Dichloroethane	1.629238	8.739328	4.140286	4.248666E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.261277	21.52434	2.987429	6.735559E-02		0.9987535	SPCC (0.1)	
1,1-Dichloropropylene	1.374075	10.18406	5.301714	0.0348742			20	
1,2,3-Trichlorobenzene	0.5367445	5.529118	14.18043	1.672598E-02			20	
1,2,3-Trichloropropane	0.139301	6.695489	10.28057	2.119501E-02			20	
1,2,3-Trimethylbenzene	2.049365	4.135422	11.40443	0.0160784			20	
1,2,4,5-Tetramethylbenzene	2.041429	4.574527	12.59057	1.243276E-02			20	
1,2,4-Trichlorobenzene	0.6074419	6.304927	13.61414	0.0214736			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.180585	5.256124	10.92457	2.219269E-02			20	
1,2-Dibromo-3-chloropropane	0.0623735	26.68337	12.69186	8.180278E-03		0.9995821	SPCC (0.05)	
1,2-Dibromoethane	0.161324	5.021262	8.329	2.530309E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.051618	7.759515	11.79286	1.497567E-02			SPCC (0.4)	
1,2-Dichloroethane	1.277674	7.175551	5.541428	2.559181E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2816268	4.984289	6.341429	0.0272293			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.151995	4.503557	10.50157	8.385468E-03			20	
1,3-Dichlorobenzene	1.16602	12.35178	11.26771	1.846782E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3441287	4.301542	7.964429	1.774333E-02			20	
1,4-Dichlorobenzene	1.039221	5.728134	11.36714	0.0179271			SPCC (0.5)	
1,4-Dioxane	1.563656E-03	34.61414	6.49225	0.0523168		0.9996223	0.99	
2,2-Dichloropropane	1.100493	23.04149	4.676714	3.692092E-02		0.9999073	0.99	
2-Butanone	8.990534E-02	10.8958	4.720857	5.139505E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	6.108809E-02	17.24109	6.883571	3.990637E-02			20	
2-Chlorotoluene	2.215324	4.660617	10.43029	2.481172E-02			20	
2-Hexanone	0.1441241	4.209858	8.021429	1.609867E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60009
Instrument: VOA No. 3
Calibration Date: 02/02/26 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
2-Nitropropane	0.0374807	49.16013	6.842333	3.456934E-02		0.9991876	0.99	
4-Chlorotoluene	1.867336	5.169035	10.54743	1.204547E-02			20	
4-Methyl-2-pentanone	0.2077997	4.853045	7.179714	2.721365E-02			SPCC (0.1)	
Acetone	0.2258054	26.62839	3.085857	7.741168E-02		0.9983786	SPCC (0.1)	
Acrolein	0.101924	16.85226	2.925667	0.060739			20	
Acrylonitrile	0.2467672	7.794678	3.744333	1.863086E-02			20	
Allyl chloride	1.273102	13.90418	3.349571	6.077397E-02			20	
Benzene	3.594061	8.199899	5.503857	2.642334E-02			SPCC (0.5)	
Bromobenzene	1.010107	5.430395	10.226	1.790107E-02			20	
Bromochloromethane	0.7770644	6.135639	4.928429	1.601956E-02			20	
Bromodichloromethane	0.2617361	20.23479	6.619714	2.541052E-02		0.9998732	SPCC (0.2)	
Bromoform	0.0673025	41.77962	9.730715	1.420787E-02		0.99955	SPCC (0.1)	
Bromomethane	0.1115504	34.75078	2.102286	0.1126242		0.9959232	SPCC (0.1)	
Carbon disulfide	1.463593	37.58397	3.210143	8.309538E-02		0.9992341	SPCC (0.1)	
Carbon tetrachloride	1.002739	28.33748	5.301714	0.0348742		0.9999098	SPCC (0.1)	
Chlorobenzene	0.6680884	6.189763	8.821429	1.642886E-02			SPCC (0.5)	
Chloroethane	0.1688674	62.00774	1.878	44.09614			SPCC (0.1)	*
Chloroform	1.537655	6.761952	4.998143	2.950717E-02			SPCC (0.2)	
Chloromethane	0.9128285	43.10665	1.679	1.488455E-02		0.9916635	SPCC (0.1)	
cis-1,2-Dichloroethylene	1.529653	7.041363	4.694	1.400342E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3471176	17.63269	7.042572	2.678839E-02			SPCC (0.2)	
cis-decahydronaphthalene	0.52143	7.56262	12.35871	2.788733E-02			20	
Cyclohexane	1.6199	14.71211	5.185	1.426075E-02			SPCC (0.1)	
Dibromochloromethane	0.143825	30.86877	8.211	2.519936E-02		0.999695	SPCC (0.1)	
Dibromomethane	0.1251343	6.380439	6.474571	2.525485E-02			20	
Dichlorodifluoromethane	0.3652229	57.86269	1.280571	44.09601			SPCC (0.1)	*
Diisopropyl ether (DIPE)	3.299829	5.559437	4.174	1.972142E-02			20	
Ethanol	1.756999E-02	16.03968	2.769	6.231771E-02			20	
Ethyl Benzene	1.293797	8.137868	8.912286	8.04314E-03			SPCC (0.1)	
Ethyl Ether	0.6149255	14.2431	2.769857	5.192278E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60009
Instrument: VOA No. 3
Calibration Date: 02/02/26 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Ethyl Methacrylate	0.2543851	8.228029	7.649857	1.840398E-02			20	
Ethyl tert-butyl ether (ETBE)	2.432994	6.699437	4.515143	4.492595E-02			20	
Hexachlorobutadiene	0.3682798	12.24644	13.78157	9.342885E-03			20	
Hexachloroethane	0.2845258	33.62972	12.06286	8.937848E-03		0.9997393	0.99	
Iodomethane	1.126986	26.05464	3.153571	4.239372E-02		0.9990743	0.99	
Isopropylbenzene	2.544025	3.334706	9.855286	1.391548E-02			SPCC (0.1)	
Limonene	0.6596127	13.13463	11.20843	1.676342E-02			20	
Methyl acetate	0.4248291	10.51893	3.387571	3.610444E-02			SPCC (0.1)	
Methyl Methacrylate	0.1313232	5.336284	6.425714	1.633994E-02			20	
Methyl tert-butyl ether (MTBE)	2.001608	10.0697	3.729286	4.343456E-02			SPCC (0.1)	
Methylcyclohexane	0.4860241	10.71167	6.271714	2.369618E-02			SPCC (0.1)	
Methylene chloride	1.042235	16.54913	3.483571	3.696403E-02			SPCC (0.1)	
Naphthalene	1.238267	2.604806	13.89786	1.162398E-02			20	
n-butyl acetate	0.1283886	6.366599	8.130571	1.762913E-02			20	
n-Butylbenzene	3.053371	4.624246	11.73143	2.120485E-02			20	
n-Decane	1.422397	11.07084	10.46286	2.632617E-02			20	
n-Hexane	1.26583	22.59959	3.947143	5.041633E-02		0.9985743	0.99	
Nitrobenzene	8.622347E-03	80.89962	12.93333	2.083421E-02		0.9994522	0.99	
n-Nonane	0.5513406	4.495156	9.008286	1.537862E-02			20	
n-octane	0.2732867	8.246916	7.417286	1.675219E-02			20	
n-Propylbenzene	3.207764	3.574893	10.31086	2.181111E-02			20	
n-undecane	1.410913	17.69369	11.79886	2.171255E-02			20	
o-Xylene	0.9757641	9.467166	9.469	1.448346E-02			SPCC (0.3)	
p- & m- Xylenes	0.9889978	6.767533	9.036	1.151771E-02			SPCC (0.1)	
p-Diethylbenzene	1.44723	14.35724	10.40256	37.49999			20	
p-Ethyltoluene	2.689413	7.123312	10.435	1.698566E-02			20	
p-Isopropyltoluene	2.756683	5.418472	11.26814	0.0178444			20	
sec-Butylbenzene	2.835875	2.915985	11.10857	1.872832E-02			20	
Styrene	0.7397565	14.29764	9.488429	5.673554E-03			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.378514	2.082502	5.470667	1.469206E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60009
Instrument: VOA No. 3
Calibration Date: 02/02/26 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
SURR: p-Bromofluorobenzene	1.125515	8.909769	10.05467	1.862978E-02			20	
SURR: Toluene-d8	1.367692	3.354001	7.292	1.720303E-02			20	
tert-Amyl alcohol (TAA)	4.206784E-02	28.07815	5.543714	4.201187E-02		0.9998522	0.99	
tert-Amyl methyl ether (TAME)	2.007984	10.02117	5.584286	4.320199E-02			20	
tert-Butyl alcohol (TBA)	5.673151E-02	15.00859	3.665	0.1639144			20	
tert-Butylbenzene	1.824812	5.162567	10.86457	1.690981E-02			20	
Tetrachloroethylene	0.311512	15.68355	7.915571	1.937975E-02			SPCC (0.2)	
Tetrahydrofuran	0.2368694	6.770991	4.979778	5.872835E-02			20	
Toluene	1.111712	5.915074	7.36	2.352883E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.344026	12.02717	3.728429	3.156831E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2727572	26.12914	7.600143	2.621293E-02		0.9997346	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5272268	5.151083	10.28057	0.026265			20	
trans-decahydronaphthalene	0.7855795	17.4839	11.71286	1.622926E-02			20	
Trichloroethylene	0.270477	7.658659	6.114857	2.679785E-02			SPCC (0.2)	
Trichlorofluoromethane	1.524997	31.61765	2.449143	0.1696482		0.9945573	SPCC (0.1)	
Vinyl acetate	3.199904	5.993678	4.179	4.450048E-02			20	
Vinyl Chloride	0.9462478	43.40721	1.788429	6.408024E-02		0.9918689	SPCC (0.1)	
Xylenes, Total	0.9845865	7.545225	9.036	1.151771E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60011
Instrument: VOA No. 3
Calibration Date: 02/04/26 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.195797	39.21859	8.907857	3.067572E-02		0.9999188	0.99	
1,1,1-Trichloroethane	1.190531	25.59035	5.153	3.310802E-02		0.9996629	SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4712729	14.91298	10.23086	2.620504E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.345169	6.793102	2.982429	6.646592E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1548528	14.89786	7.795286	1.951211E-02			SPCC (0.1)	
1,1-Dichloroethane	1.552706	14.91777	4.146143	4.658423E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.584832	8.427977	3	0			SPCC (0.1)	
1,1-Dichloropropylene	1.333109	18.86455	5.305286	0.0349316			20	
1,2,3-Trichlorobenzene	0.4320853	17.18177	14.17929	1.042476E-02			20	
1,2,3-Trichloropropane	0.1334204	11.97513	10.27957	2.369342E-02			20	
1,2,3-Trimethylbenzene	1.919256	10.45146	11.404	1.086729E-02			20	
1,2,4,5-Tetramethylbenzene	1.783622	18.42043	12.592	1.507598E-02			20	
1,2,4-Trichlorobenzene	0.4858138	17.95011	13.615	2.095958E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	1.990572	16.96085	10.92343	2.128281E-02			20	
1,2-Dibromo-3-chloropropane	6.139155E-02	30.69023	12.69043	1.663758E-02		0.9996673	SPCC (0.05)	
1,2-Dibromoethane	0.1456804	18.42308	8.329	2.530309E-02			SPCC (0.1)	
1,2-Dichlorobenzene	0.9550637	17.60806	11.79286	1.497567E-02			SPCC (0.4)	
1,2-Dichloroethane	1.139105	10.26169	5.543	3.651221E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2527261	14.18792	6.342857	1.260686E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.978328	13.63266	10.50243	2.03493E-03			20	
1,3-Dichlorobenzene	1.065117	23.18001	11.26814	0.0178444		0.999867	SPCC (0.6)	
1,3-Dichloropropane	0.303632	13.41522	7.963572	1.975964E-02			20	
1,4-Dichlorobenzene	0.9349848	14.04435	11.36814	1.892724E-02			SPCC (0.5)	
1,4-Dioxane	1.670889E-03	16.42735	6.481125	5.806348E-02			20	
2,2-Dichloropropane	1.02288	34.24752	4.680143	2.612662E-02		0.9998684	0.99	
2-Butanone	0.0772191	16.28414	4.714571	8.406723E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	5.360659E-02	14.40221	6.883571	2.481577E-02			20	
2-Chlorotoluene	2.050572	15.38891	10.43086	0.0199933			20	
2-Hexanone	0.1262545	19.85524	8.019857	2.526147E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60011
Instrument: VOA No. 3
Calibration Date: 02/04/26 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
2-Nitropropane	4.021204E-02	48.89978	6.840667	3.347858E-02		0.9996388	0.99	
4-Chlorotoluene	1.694673	10.91143	10.54829	1.042666E-02			20	
4-Methyl-2-pentanone	0.1818681	19.04001	7.176571	3.159906E-02			SPCC (0.1)	
Acetone	0.2394899	20.0255	3.079143	4.691859E-02		0.9978787	SPCC (0.1)	
Acrolein	0.1259519	14.98046	2.926333	0.0614136			20	
Acrylonitrile	0.231411	13.46551	3.741333	3.116253E-02			20	
Allyl chloride	1.655847	6.105418	3.358571	3.316702E-02			20	
Benzene	3.390609	15.11874	5.506857	2.546351E-02			SPCC (0.5)	
Bromobenzene	0.9227242	11.75013	10.226	1.790107E-02			20	
Bromochloromethane	0.7220686	11.04706	4.932	3.008549E-02			20	
Bromodichloromethane	0.2525146	26.99309	6.620286	3.107169E-02		0.999831	SPCC (0.2)	
Bromoform	6.780481E-02	46.51423	9.730715	1.420787E-02		0.9998168	SPCC (0.1)	
Bromomethane	0.8923259	5.943702	2.116572	5.453701E-02			SPCC (0.1)	
Carbon disulfide	2.950426	15.61938	3.221429	3.471868E-02			SPCC (0.1)	
Carbon tetrachloride	1.07466	34.69869	5.306143	0.0323156		0.9996898	SPCC (0.1)	
Chlorobenzene	0.6042606	15.62149	8.822286	2.165441E-02			SPCC (0.5)	
Chloroethane	0.628294	7.819685	2.227286	0.1222349			SPCC (0.1)	
Chloroform	1.420556	15.80865	4.999857	2.858395E-02			SPCC (0.2)	
Chloromethane	1.451861	7.952379	1.682	1.750584E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.416344	16.40151	4.697	1.236126E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3126415	30.20138	7.043429	6.400913E-03		0.9998151	SPCC (0.2)	
cis-decahydronaphthalene	0.4829207	15.93156	12.35871	2.108784E-02			20	
Cyclohexane	1.843809	12.74066	5.189857	3.681353E-02			SPCC (0.1)	
Dibromochloromethane	0.1439529	37.5168	8.210143	5.091499E-03		0.9998509	SPCC (0.1)	
Dibromomethane	0.1156378	16.10624	6.475857	2.549717E-02			20	
Dichlorodifluoromethane	1.05926	9.513471	1.496	0.0115393			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.971015	11.88385	4.172286	3.904874E-02			20	
Ethanol	7.436822E-03	6.982891	2.727	6.496726E-02			20	
Ethyl Benzene	1.161303	19.60309	8.914	9.555568E-03			SPCC (0.1)	
Ethyl Ether	0.7163295	4.387722	2.772	1.419792E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60011
Instrument: VOA No. 3
Calibration Date: 02/04/26 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Ethyl Methacrylate	0.2299159	22.80655	7.649429	3.189074E-03		0.9998032	0.99	
Ethyl tert-butyl ether (ETBE)	2.137344	17.30317	4.513571	3.007335E-02			20	
Hexachlorobutadiene	0.3219527	19.66695	13.78286	5.072874E-03			20	
Hexachloroethane	0.3148986	35.85336	12.06329	5.322758E-03		0.9997811	0.99	
Iodomethane	1.629283	14.20887	3.163286	2.586808E-02			20	
Isopropylbenzene	2.356951	17.33436	9.857	1.596358E-02			SPCC (0.1)	
Limonene	0.5691709	23.97357	11.20843	1.676342E-02			20	*
Methyl acetate	0.4425722	8.659658	3.385429	3.767525E-02			SPCC (0.1)	
Methyl Methacrylate	0.1199526	17.3441	6.423857	2.795617E-02			20	
Methyl tert-butyl ether (MTBE)	1.783786	18.5918	3.728857	0.0399472			SPCC (0.1)	
Methylcyclohexane	0.5049392	15.27498	6.274714	3.453613E-02			SPCC (0.1)	
Methylene chloride	1.290792	21.88556	3.488143	3.924681E-02		0.9987991	SPCC (0.1)	
Naphthalene	1.042556	20.18871	13.89829	0.0133163		0.999554	0.99	
n-butyl acetate	0.1124254	22.7125	8.13	3.450166E-02		0.9997662	0.99	
n-Butylbenzene	2.814159	12.56687	11.73157	2.194756E-02			20	
n-Decane	1.340835	8.13226	10.46243	2.687953E-02			20	
n-Hexane	1.684141	6.960019	3.956	4.364532E-02			20	
Nitrobenzene	1.039161E-02	85.26076	12.93533	1.600461E-02			20	*
n-Nonane	0.4934621	11.60673	9.009572	2.146786E-02			20	
n-octane	0.2662124	14.1976	7.418714	1.463309E-02			20	
n-Propylbenzene	2.971343	12.77169	10.31171	2.656801E-02			20	
n-undecane	1.249607	11.20874	11.79971	1.623216E-02			20	
o-Xylene	0.839589	23.03912	9.469428	0.0015109		0.9998666	SPCC (0.3)	
p- & m- Xylenes	0.8761056	18.13743	9.036	1.151771E-02			SPCC (0.1)	
p-Diethylbenzene	1.272712	25.16957	10.403	37.5		0.9997905	0.99	
p-Ethyltoluene	2.495611	18.35531	10.43586	1.794712E-02			20	
p-Isopropyltoluene	2.604506	13.41955	11.26857	1.618737E-02			20	
sec-Butylbenzene	2.621376	15.51114	11.10943	2.016448E-02			20	
Styrene	0.6397778	27.97189	9.489	1.618633E-02		0.9998991	SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.35935	1.470568	5.471334	1.522916E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60011
Instrument: VOA No. 3
Calibration Date: 02/04/26 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
SURR: p-Bromofluorobenzene	1.142629	9.131724	10.05533	1.437786E-02			20	
SURR: Toluene-d8	1.359777	3.7552	7.293	1.642222E-02			20	
tert-Amyl alcohol (TAA)	2.984107E-02	42.76788	5.526429	4.685758E-02		0.9998822	0.99	
tert-Amyl methyl ether (TAME)	1.643122	23.59406	5.583	3.183896E-02		0.9999167	0.99	
tert-Butyl alcohol (TBA)	4.608727E-02	14.90869	3.632857	3.878939E-02			20	
tert-Butylbenzene	1.680081	18.7692	10.86529	1.846518E-02			20	
Tetrachloroethylene	0.2814286	26.68324	7.916	2.502113E-02		0.9991556	SPCC (0.2)	
Tetrahydrofuran	0.2060066	15.68838	4.976	0.0725007			20	
Toluene	1.015574	14.80893	7.361	2.343823E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.358331	14.61911	3.736286	3.914119E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2481301	38.24308	7.601	1.706265E-02		0.9997781	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5173717	17.26156	10.28057	0.026265			20	
trans-decahydronaphthalene	0.7480268	24.82401	11.71414	8.814439E-03		0.9997939	0.99	
Trichloroethylene	0.2520375	15.3835	6.117286	2.334194E-02			SPCC (0.2)	
Trichlorofluoromethane	2.159987	8.898621	2.480857	6.068475E-02			SPCC (0.1)	
Vinyl acetate	3.034362	12.22441	4.180857	4.491162E-02			20	
Vinyl Chloride	1.523302	8.546242	1.788429	6.408024E-02			SPCC (0.1)	
Xylenes, Total	0.8639334	19.66657	9.036	1.151771E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60017
Instrument: MSVOA7
Calibration Date: 02/09/26 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	1.427472	9.97718	8.30275	1.815713E-02			20	
1,1,1-Trichloroethane	4.316811	6.69616	4.6775	5.854097E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4483313	2.460175	9.69425	2.218403E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.618327	15.03318	2.69675	0.1142381			SPCC (0.1)	
1,1,2-Trichloroethane	0.933844	11.41501	7.3235	3.458812E-02			SPCC (0.1)	
1,1-Dichloroethane	5.673247	4.789776	3.824	1.408519E-02			SPCC (0.2)	
1,1-Dichloroethylene	4.437488	10.01107	2.65825	0.1172401			SPCC (0.1)	
1,1-Dichloropropylene	4.043494	8.318032	4.779	1.678803E-02			20	
1,2,3-Trichlorobenzene	0.7424463	8.899912	13.47525	1.761518E-02			20	
1,2,3-Trichloropropane	0.1253731	5.680878	9.8335	3.033703E-02			20	
1,2,3-Trimethylbenzene	2.958829	8.932236	10.72975	1.935577E-02			20	
1,2,4,5-Tetramethylbenzene	2.778941	15.85496	11.85987	1.570538E-02			20	
1,2,4-Trichlorobenzene	0.9302117	9.147268	12.872	2.052975E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.987245	9.905686	10.24913	2.265627E-02			20	
1,2-Dibromo-3-chloropropane	0.0600971	11.79159	12.0815	3.240926E-02			SPCC (0.05)	
1,2-Dibromoethane	0.8279017	9.804864	7.721	4.226373E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.448928	4.299834	11.16325	2.305877E-02			SPCC (0.4)	
1,2-Dichloroethane	2.772888	5.985503	5.16825	4.364994E-02			SPCC (0.1)	
1,2-Dichloropropane	1.565548	12.77975	5.94775	3.754584E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.963686	8.358272	9.82675	4.502275E-02			20	
1,3-Dichlorobenzene	1.687384	4.833198	10.5965	2.116759E-02			SPCC (0.6)	
1,3-Dichloropropane	1.601825	12.21273	7.5855	3.892894E-02			20	
1,4-Dichlorobenzene	1.633047	5.935862	10.69488	2.940618E-02			SPCC (0.5)	
1,4-Dioxane	1.636183E-03	38.62449	6.188286	0.1568643		0.9911	0.99	
2,2-Dichloropropane	3.760101	4.562479	4.365625	8.136341E-02			20	
2-Butanone	0.2650899	9.227706	4.77375	7.974424E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	0.4700256	16.19214	6.512	4.162922E-02			20	
2-Chlorotoluene	2.478873	5.816191	9.7755	3.120084E-02			20	
2-Hexanone	0.3173164	9.091847	7.94225	0.0291371			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60017
Instrument: MSVOA7
Calibration Date: 02/09/26 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
2-Nitropropane	0.1798498	6.640506	7.0054	5.031147E-02			20	
4-Chlorotoluene	2.561329	6.443458	9.953	2.911083E-02			20	
4-Methyl-2-pentanone	0.4892631	8.419685	7.14	1.424847E-02			SPCC (0.1)	
Acetone	0.1484683	26.05258	3.21225	0.1381229		0.999341	SPCC (0.1)	
Acrolein	0.2749293	26.8638	2.9546	0.1161653		0.9996294	0.99	
Acrylonitrile	0.381299	7.814412	3.8724	5.193817E-02			20	
Allyl chloride	5.206688	12.39461	3.07225	0.102652			20	
Benzene	12.8981	6.418671	4.992	6.845248E-03			SPCC (0.5)	
Bromobenzene	1.473345	3.727902	9.57375	1.627196E-02			20	
Bromochloromethane	1.913457	9.071989	4.44425	4.498478E-02			20	
Bromodichloromethane	1.891906	11.53432	6.002	7.655268E-03			SPCC (0.2)	
Bromoform	0.5801447	8.113434	8.9265	4.470535E-02			SPCC (0.1)	
Bromomethane	2.474239	11.08	1.969	1.375348E-02			SPCC (0.1)	
Carbon disulfide	10.90224	10.4674	2.68275	0.1120268			SPCC (0.1)	
Carbon tetrachloride	3.509203	8.140543	4.618	7.123603E-02			SPCC (0.1)	
Chlorobenzene	4.720799	12.16805	8.23575	1.453754E-02			SPCC (0.5)	
Chlorodifluoromethane (Freon 22)	4.815395	28.0694	1.479375	0.1208127		0.9992283	0.99	
Chloroethane	1.879182	11.066	2.08475	0.1042591			SPCC (0.1)	
Chloroform	5.344279	5.174083	4.505625	2.327581E-02			SPCC (0.2)	
Chloromethane	4.020097	15.945	1.616	1.068281E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	4.068675	4.545317	4.27475	4.371463E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	2.090207	9.221231	6.56875	3.436346E-02			SPCC (0.2)	
cis-decahydronaphthalene	0.4205992	18.759	11.37486	3.252211E-02		0.9958951	0.99	
Cyclohexane	4.184141	19.19828	4.44125	6.743509E-02			SPCC (0.1)	
Dibromochloromethane	1.115154	8.752374	7.494375	3.849276E-02			SPCC (0.1)	
Dibromomethane	0.6230968	11.65453	5.859	5.704987E-02			20	
Dichlorodifluoromethane	2.633098	28.00508	1.439	2.564545E-02		0.9996432	SPCC (0.1)	
Diisopropyl ether (DIPE)	8.483309	5.327207	3.71725	8.419943E-02			20	
Ethanol	3.586117E-03	23.58658	2.62525	0.2262066			20	*
Ethyl Benzene	8.053459	14.20724	8.26275	5.338532E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60017
Instrument: MSVOA7
Calibration Date: 02/09/26 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Ethyl Ether	1.901883	6.305632	2.486	5.804397E-03			20	
Ethyl Methacrylate	0.9131543	10.71236	7.322	1.787701E-02			20	
Ethyl tert-butyl ether (ETBE)	6.705434	5.059002	4.02425	5.574425E-02			20	
Freon 115	0.2567263	45.13313	1.316857	0.1728331			20	*
Freon 123	4.460558	12.15641	2.711	1.424868E-02			20	
Freon 152a	1.406033	26.3202	1.45175	0.1477719		0.9990932	0.99	
Freon 22	4.815395	28.0694	1.479375	0.1208127		0.9992283	0.99	
Hexachlorobutadiene	0.4494117	15.58815	12.85125	4.658538E-03			20	
Hexachloroethane	0.5694055	7.97909	11.13237	0.0276943			20	
Iodomethane	3.456232	29.4976	2.78775	0.1107709		0.9976141	0.99	
Isopropylbenzene	3.402959	11.2189	9.1735	2.664322E-02			SPCC (0.1)	
Limonene	0.7937964	21.21332	10.33287	0.0382169		0.9955047	0.99	
Methyl acetate	0.2019959	6.917877	3.319	1.871069E-02			SPCC (0.1)	
Methyl Methacrylate	0.4324643	6.960345	6.139	5.217055E-02			20	
Methyl tert-butyl ether (MTBE)	5.599526	5.396664	3.39725	6.169185E-02			SPCC (0.1)	
Methylcyclohexane	2.24295	25.70535	5.47975	3.669587E-02		0.9942708	SPCC (0.1)	
Methylene chloride	5.363729	47.39334	3.16475	9.797899E-02		0.9992969	SPCC (0.1)	
Naphthalene	1.325962	15.33869	13.2585	1.886276E-02			20	
n-butyl acetate	0.7976659	7.580468	7.849875	3.567029E-02			20	
n-Butylbenzene	3.512213	10.80748	10.99775	2.455426E-02			20	
n-Decane	0.6928941	12.73972	9.5965	2.902605E-02			20	
n-Hexane	5.329169	13.88788	3.363	0.0747757			20	
Nitrobenzene	1.970674E-02	15.82119	12.73667	3.052942E-02			20	
n-Nonane	1.365696	15.619	8.168	2.301132E-02		0.9911663	0.99	
n-octane	0.9889357	22.03335	6.6105	6.218236E-03		0.9952062	0.99	
n-Propylbenzene	4.308637	8.932029	9.6115	3.416052E-02			20	
n-undecane	0.3203581	16.76412	10.91183	1.266425E-02			20	
o-Xylene	5.828257	11.98933	8.846	0.0354731			SPCC (0.3)	
p- & m- Xylenes	5.911886	16.26079	8.411	1.402355E-02			SPCC (0.1)	
p-Diethylbenzene	1.59632	11.75305	10.936	2.747177E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60017
Instrument: MSVOA7
Calibration Date: 02/09/26 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
p-Ethyltoluene	3.582082	9.431846	9.7325	3.010478E-02			20	
p-Isopropyltoluene	3.075724	12.73122	10.528	3.332173E-02			20	
sec-Butylbenzene	3.672421	12.83256	10.3655	3.072754E-02			20	
Styrene	4.508292	11.44826	8.90475	2.038834E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.648691	10.47026	5.108	5.386274E-02			20	
SURR: p-Bromofluorobenzene	0.9663344	4.862636	9.4682	3.479979E-02			20	
SURR: Toluene-d8	5.532901	16.18984	6.7368	3.498955E-02			20	
tert-Amyl alcohol (TAA)	4.658351E-02	9.43181	5.26225	0.1038473			20	
tert-Amyl methyl ether (TAME)	5.38801	7.209887	5.088125	5.743659E-02			20	
tert-Butyl alcohol (TBA)	0.2059107	5.330159	3.717667	8.551404E-02			20	
tert-Butylbenzene	2.774849	10.49619	10.16975	0.0213138			20	
Tetrachloroethylene	1.895468	11.67159	7.1415	0.0411812			SPCC (0.2)	
Tetrahydrofuran	0.1132805	24.18993	4.6433	6.546095E-02		0.9994444	0.99	
Toluene	7.437801	14.33305	6.78625	2.550489E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	4.791448	5.790765	3.30025	6.316363E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	2.090207	9.221231	6.56875	3.436346E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.1082881	4.338307	9.881625	2.936393E-02			20	
trans-decahydronaphthalene	0.5434504	22.56481	10.75943	1.199911E-02		0.995383	0.99	
Trichloroethylene	1.786321	12.59897	5.488	5.788455E-02			SPCC (0.2)	
Trichlorofluoromethane	4.019776	15.90397	2.212	1.841612E-02			SPCC (0.1)	
Vinyl acetate	0.2775405	9.944218	4.03475	0.1120926			20	
Vinyl Chloride	3.89569	17.67811	1.683	2.189508E-02			SPCC (0.1)	
Xylenes, Total	5.917003	12.94523	7.5693	35.13643			20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	VOA No. 3	Calibration:	SB60011
Lab File ID:	V31910229.D	Calibration Date:	02/04/26 08:00
Sequence:	S6B1013	Injection Date:	02/09/26
Lab Sample ID:	S6B1013-CCV1	Injection Time:	19:13

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	50.0	49.7	0.195797	0.1857913		-0.7	20	
1,1,1-Trichloroethane	A	50.0	48.5	1.190531	1.154434	0.1	-3.0	20	
1,1,2,2-Tetrachloroethane	A	50.0	50.2	0.4712729	0.4731357	0.3	0.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	47.3	1.345169	1.273737	0.1	-5.3	20	
1,1,2-Trichloroethane	A	50.0	49.5	0.1548528	0.1534207	0.1	-0.9	20	
1,1-Dichloroethane	A	50.0	47.9	1.552706	1.486648	0.2	-4.3	20	
1,1-Dichloroethylene	A	50.0	49.2	1.584832	1.56002	0.1	-1.6	20	
1,2,3-Trichlorobenzene	A	50.0	51.4	0.4320853	0.4441698		2.8	20	
1,2,3-Trichloropropane	A	50.0	49.9	0.1334204	0.1331411		-0.2	20	
1,2,4-Trichlorobenzene	A	50.0	50.6	0.4858138	0.4917932	0.2	1.2	20	
1,2,4-Trimethylbenzene	A	50.0	49.9	1.990572	1.986953		-0.2	20	
1,2-Dibromo-3-chloropropane	A	50.0	46.3	6.139155E-02	6.360197E-02	0.05	-7.4	20	
1,2-Dibromoethane	A	50.0	50.9	0.1456804	0.148341	0.1	1.8	20	
1,2-Dichlorobenzene	A	50.0	48.8	0.9550637	0.9313339	0.4	-2.5	20	
1,2-Dichloroethane	A	50.0	47.7	1.139105	1.086635	0.1	-4.6	20	
1,2-Dichloropropane	A	50.0	48.5	0.2527261	0.2452657	0.1	-3.0	20	
1,3,5-Trimethylbenzene	A	50.0	49.4	1.978328	1.95637		-1.1	20	
1,3-Dichlorobenzene	A	50.0	50.7	1.065117	1.014307	0.6	1.4	20	
1,4-Dichlorobenzene	A	50.0	49.8	0.9349848	0.9304758	0.5	-0.5	20	
2-Butanone	A	50.0	46.8	0.0772191	7.230099E-02	0.1	-6.4	20	
2-Hexanone	A	50.0	48.8	0.1262545	0.1231768	0.1	-2.4	20	
4-Methyl-2-pentanone	A	50.0	49.3	0.1818681	0.1793384	0.1	-1.4	20	
Acetone	A	50.0	53.8	0.2394899	0.2120805	0.1	7.6	20	
Acrolein	A	125	190	0.1259519	0.1913294		51.9	20 *	
Acrylonitrile	A	250	247	0.231411	0.2288679		-1.1	20	
Benzene	A	50.0	48.4	3.390609	3.284582	0.5	-3.1	20	
Bromochloromethane	A	50.0	49.7	0.7220686	0.7181697		-0.5	20	
Bromodichloromethane	A	50.0	48.4	0.2525146	0.2557976	0.2	-3.2	20	
Bromoform	A	50.0	46.7	6.780481E-02	6.722727E-02	0.1	-6.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	VOA No. 3	Calibration:	SB60011
Lab File ID:	V31910229.D	Calibration Date:	02/04/26 08:00
Sequence:	S6B1013	Injection Date:	02/09/26
Lab Sample ID:	S6B1013-CCV1	Injection Time:	19:13

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Bromomethane	A	50.0	43.0	0.8923259	0.7681186	0.1	-13.9	20	
Carbon disulfide	A	50.0	47.8	2.950426	2.818227	0.1	-4.5	20	
Carbon tetrachloride	A	50.0	50.8	1.07466	1.013356	0.1	1.7	20	
Chlorobenzene	A	50.0	49.1	0.6042606	0.5931821	0.5	-1.8	20	
Chloroethane	A	50.0	45.9	0.628294	0.5771368	0.1	-8.1	20	
Chloroform	A	50.0	48.8	1.420556	1.387053	0.2	-2.4	20	
Chloromethane	A	50.0	38.6	1.451861	1.122339	0.1	-22.7	20 *	
cis-1,2-Dichloroethylene	A	50.0	47.9	1.416344	1.357567	0.1	-4.1	20	
cis-1,3-Dichloropropylene	A	50.0	48.7	0.3126415	0.3261497	0.2	-2.6	20	
Cyclohexane	A	50.0	46.9	1.843809	1.731135	0.1	-6.1	20	
Dibromochloromethane	A	50.0	49.4	0.1439529	0.1500611	0.1	-1.2	20	
Dibromomethane	A	50.0	49.6	0.1156378	0.1146529		-0.9	20	
Dichlorodifluoromethane	A	50.0	24.2	1.05926	0.5128628	0.1	-51.6	20 *	
Ethyl Benzene	A	50.0	48.5	1.161303	1.126446	0.1	-3.0	20	
Hexachlorobutadiene	A	50.0	48.7	0.3219527	0.3135607		-2.6	20	
Isopropylbenzene	A	50.0	50.8	2.356951	2.392271	0.1	1.5	20	
Methyl acetate	A	50.0	51.9	0.4425722	0.4591315	0.1	3.7	20	
Methyl tert-butyl ether (MTBE)	A	50.0	48.2	1.783786	1.719881	0.1	-3.6	20	
Methylcyclohexane	A	50.0	48.1	0.5049392	0.4858643	0.1	-3.8	20	
Methylene chloride	A	50.0	56.9	1.290792	1.226686	0.1	13.8	20	
n-Butylbenzene	A	50.0	49.4	2.814159	2.77757		-1.3	20	
n-Propylbenzene	A	50.0	50.8	2.971343	3.020227		1.6	20	
o-Xylene	A	50.0	48.8	0.839589	0.8155756	0.3	-2.5	20	
p- & m- Xylenes	A	100	97.4	0.8761056	0.8537307	0.1	-2.6	20	
p-Isopropyltoluene	A	50.0	49.2	2.604506	2.560927		-1.7	20	
sec-Butylbenzene	A	50.0	50.8	2.621376	2.660677		1.5	20	
Styrene	A	50.0	49.4	0.6397778	0.6213916	0.3	-1.2	20	
tert-Butyl alcohol (TBA)	A	250	234	4.608727E-02	4.307747E-02		-6.5	20	
tert-Butylbenzene	A	50.0	50.0	1.680081	1.680742		0.04	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	VOA No. 3	Calibration:	SB60011
Lab File ID:	V31910229.D	Calibration Date:	02/04/26 08:00
Sequence:	S6B1013	Injection Date:	02/09/26
Lab Sample ID:	S6B1013-CCV1	Injection Time:	19:13

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Tetrachloroethylene	A	50.0	52.9	0.2814286	0.2481609	0.2	5.8	20	
Toluene	A	50.0	48.7	1.015574	0.9883045	0.4	-2.7	20	
trans-1,2-Dichloroethylene	A	50.0	46.6	1.358331	1.265056	0.1	-6.9	20	
trans-1,3-Dichloropropylene	A	50.0	47.1	0.2481301	0.2598109	0.1	-5.7	20	
Trichloroethylene	A	50.0	47.6	0.2520375	0.2399613	0.2	-4.8	20	
Trichlorofluoromethane	A	50.0	45.5	2.159987	1.965838	0.1	-9.0	20	
Vinyl Chloride	A	50.0	41.3	1.523302	1.257038	0.1	-17.5	20	
Xylenes, Total	A	150	146	0.8639334	0.8410123		-2.7	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	VOA#11	Calibration:	SB60006
Lab File ID:	V11C029506.D	Calibration Date:	01/30/26 08:00
Sequence:	S6B1020	Injection Date:	02/09/26
Lab Sample ID:	S6B1020-CCV1	Injection Time:	19:01

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	50.0	44.3	0.2181885	0.1934739		-11.3	20	
1,1,1-Trichloroethane	A	50.0	54.0	1.795599	1.941198	0.1	8.1	20	
1,1,2,2-Tetrachloroethane	A	50.0	45.2	0.3990863	0.360765	0.3	-9.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) X	A	50.0	71.2	0.8058233	1.146783	0.1	42.3	20 *	
1,1,2-Trichloroethane	A	50.0	43.6	0.1964245	0.1714332	0.1	-12.7	20	
1,1-Dichloroethane	A	50.0	53.9	2.278812	2.456931	0.2	7.8	20	
1,1-Dichloroethylene	A	50.0	60.0	1.317894	1.581575	0.1	20.0	20	
1,2,3-Trichlorobenzene	A	50.0	44.9	0.402437	0.3614281		-10.2	20	
1,2,3-Trichloropropane	A	50.0	45.3	0.1214072	0.110019		-9.4	20	
1,2,4-Trichlorobenzene	A	50.0	44.9	0.402437	0.3614281	0.2	-10.2	20	
1,2,4-Trimethylbenzene	A	50.0	46.2	1.560777	1.440651		-7.7	20	
1,2-Dibromo-3-chloropropane	A	50.0	46.4	5.917988E-02	5.390983E-02	0.05	-7.3	20	
1,2-Dibromoethane	A	50.0	43.8	0.1833139	0.1605427	0.1	-12.4	20	
1,2-Dichlorobenzene	A	50.0	45.1	0.7278631	0.6571853	0.4	-9.7	20	
1,2-Dichloroethane	A	50.0	55.9	1.372038	1.533464	0.1	11.8	20	
1,2-Dichloropropane	A	50.0	41.8	0.2849708	0.2379554	0.1	-16.5	20	
1,3,5-Trimethylbenzene	A	50.0	45.8	1.597578	1.463853		-8.4	20	
1,3-Dichlorobenzene	A	50.0	45.9	0.7679847	0.7046776	0.6	-8.2	20	
1,4-Dichlorobenzene	A	50.0	46.4	0.7553868	0.7011833	0.5	-7.2	20	
2-Butanone	A	50.0	57.9	0.1968529	0.2279573	0.1	15.8	20	
2-Hexanone	A	50.0	45.3	0.1488006	0.1347565	0.1	-9.4	20	
4-Methyl-2-pentanone	A	50.0	46.5	0.1992006	0.1851635	0.1	-7.0	20	
Acetone X	A	50.0	74.2	0.2837297	0.3084496	0.1	48.4	20 *	
Acrolein	A	125	360	0.1272293	0.2959328		188	20 *	
Acrylonitrile	A	250	303	0.3559356	0.432005		21.4	20 *	
Benzene	A	50.0	54.4	5.222339	5.682022	0.5	8.8	20	
Bromochloromethane	A	50.0	56.8	0.9377713	1.064592		13.5	20	
Bromodichloromethane	A	50.0	44.4	0.3033484	0.2690408	0.2	-11.3	20	
Bromoform	A	50.0	46.0	0.1066339	9.884314E-02	0.1	-8.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	VOA#11	Calibration:	SB60006
Lab File ID:	V11C029506.D	Calibration Date:	01/30/26 08:00
Sequence:	S6B1020	Injection Date:	02/09/26
Lab Sample ID:	S6B1020-CCV1	Injection Time:	19:01

COMPOUND		TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
			STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	X	A	50.0	60.6	0.5846792	0.6003738	0.1	21.2	20 *	
Carbon disulfide	X	A	50.0	79.3	2.003248	3.176032	0.1	58.5	20 *	
Carbon tetrachloride		A	50.0	57.4	1.456748	1.673832	0.1	14.9	20	
Chlorobenzene		A	50.0	45.6	0.6885583	0.6282315	0.5	-8.8	20	
Chloroethane	X	A	50.0	62.6	0.5339821	0.5822762	0.1	25.3	20 *	
Chloroform		A	50.0	54.6	2.055489	2.243712	0.2	9.2	20	
Chloromethane		A	50.0	49.0	1.287155	1.261248	0.1	-2.0	20	
cis-1,2-Dichloroethylene		A	50.0	54.2	1.685928	1.827498	0.1	8.4	20	
cis-1,3-Dichloropropylene		A	50.0	43.5	0.3873868	0.3370627	0.2	-13.0	20	
Cyclohexane		A	50.0	59.2	2.31669	2.743911	0.1	18.4	20	
Dibromochloromethane		A	50.0	44.8	0.194884	0.1746558	0.1	-10.4	20	
Dibromomethane		A	50.0	43.6	0.1287588	0.1124171		-12.7	20	
Dichlorodifluoromethane	X	A	50.0	30.2	0.81847	0.5319235	0.1	-39.6	20 *	
Ethyl Benzene		A	50.0	46.1	1.252443	1.154191	0.1	-7.8	20	
Hexachlorobutadiene		A	50.0	48.2	0.2876391	0.2770479		-3.7	20	
Isopropylbenzene		A	50.0	44.2	2.047316	1.810583	0.1	-11.6	20	
Methyl acetate	X	A	50.0	72.9	0.4479665	0.6530629	0.1	45.8	20 *	
Methyl tert-butyl ether (MTBE)		A	50.0	59.9	2.382417	2.852093	0.1	19.7	20	
Methylcyclohexane	X	A	50.0	45.4	0.5397826	0.4901241	0.1	-9.2	20	
Methylene chloride		A	50.0	64.9	0.9777332	1.269274	0.1	29.8	20 *	
n-Butylbenzene		A	50.0	53.2	1.853561	1.974188		6.5	20	
n-Propylbenzene		A	50.0	47.0	2.378503	2.234302		-6.1	20	
o-Xylene		A	50.0	44.6	0.9380479	0.8362293	0.3	-10.9	20	
p- & m- Xylenes		A	100	94.5	0.9079877	0.8582624	0.1	-5.5	20	
p-Isopropyltoluene		A	50.0	47.2	1.70777	1.610281		-5.7	20	
sec-Butylbenzene		A	50.0	46.6	2.194063	2.044867		-6.8	20	
Styrene		A	50.0	44.9	0.7124076	0.6393699	0.3	-10.3	20	
tert-Butyl alcohol (TBA)		A	250	227	9.452121E-02	8.577382E-02		-9.3	20	
tert-Butylbenzene		A	50.0	45.5	1.610639	1.464383		-9.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	VOA#11	Calibration:	SB60006
Lab File ID:	V11C029506.D	Calibration Date:	01/30/26 08:00
Sequence:	S6B1020	Injection Date:	02/09/26
Lab Sample ID:	S6B1020-CCV1	Injection Time:	19:01

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Tetrachloroethylene X	A	50.0	38.8	0.3294066	0.255828	0.2	-22.3	20 *	
Toluene	A	50.0	44.1	1.154189	1.018742	0.4	-11.7	20	
trans-1,2-Dichloroethylene X	A	50.0	65.4	1.266074	1.654673	0.1	30.7	20 *	
trans-1,3-Dichloropropylene	A	50.0	45.9	0.3280833	0.3011245	0.1	-8.2	20	
Trichloroethylene	A	50.0	44.0	0.2795111	0.2458777	0.2	-12.0	20	
Trichlorofluoromethane X	A	50.0	69.9	1.416084	1.777682	0.1	39.7	20 *	
Vinyl Chloride	A	50.0	59.7	1.302708	1.357773	0.1	19.4	20	
Xylenes, Total	A	150	139	0.9185241	0.850918		-7.4	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	VOA No. 3	Calibration:	SB60009
Lab File ID:	V31910293.D	Calibration Date:	02/02/26 08:00
Sequence:	S6B1218	Injection Date:	02/11/26
Lab Sample ID:	S6B1218-CCV1	Injection Time:	09:18

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	50.0	51.1	0.2013265	0.1916694		2.2	20	
1,1,1-Trichloroethane	A	50.0	49.5	1.21746	1.178652	0.1	-3.2	20	
1,1,2,2-Tetrachloroethane	A	50.0	51.1	0.4819111	0.4817115	0.3	-0.04	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	52.6	0.9399045	1.414925	0.1	5.2	20	
1,1,2-Trichloroethane	A	50.0	50.7	0.1724965	0.156977	0.1	-9.0	20	
1,1-Dichloroethane	A	50.0	49.4	1.629238	1.535098	0.2	-5.8	20	
1,1-Dichloroethylene	A	50.0	54.7	1.261277	1.73478	0.1	9.5	20	
1,2,3-Trichlorobenzene	A	50.0	53.8	0.5367445	0.464575		-13.4	20	
1,2,3-Trichloropropane	A	50.0	49.9	0.139301	0.133069		-4.5	20	
1,2,4-Trichlorobenzene	A	50.0	55.5	0.6074419	0.5393897	0.2	-11.2	20	
1,2,4-Trimethylbenzene	A	50.0	50.6	2.180585	2.015344		-7.6	20	
1,2-Dibromo-3-chloropropane	A	50.0	46.1	0.0623735	6.330076E-02	0.05	-7.8	20	
1,2-Dibromoethane	A	50.0	51.2	0.161324	0.149309	0.1	-7.4	20	
1,2-Dichlorobenzene	A	50.0	50.4	1.051618	0.962692	0.4	-8.5	20	
1,2-Dichloroethane	A	50.0	49.6	1.277674	1.131015	0.1	-11.5	20	
1,2-Dichloropropane	A	50.0	49.5	0.2816268	0.2499793	0.1	-11.2	20	
1,3,5-Trimethylbenzene	A	50.0	50.0	2.151995	1.976981		-8.1	20	
1,3-Dichlorobenzene	A	50.0	52.8	1.16602	1.059523	0.6	-9.1	20	
1,4-Dichlorobenzene	A	50.0	51.5	1.039221	0.9630897	0.5	-7.3	20	
2-Butanone	A	50.0	49.5	8.990534E-02	7.646071E-02	0.1	-15.0	20	
2-Hexanone	A	50.0	49.6	0.1441241	0.1251872	0.1	-13.1	20	
4-Methyl-2-pentanone	A	50.0	48.2	0.2077997	0.1754289	0.1	-15.6	20	
Acetone	A	50.0	60.5	0.2258054	0.2386545	0.1	21.0	20 *	
Acrolein	A	125	193	0.101924	0.1943894		90.7	20 *	
Acrylonitrile	A	250	250	0.2467672	0.2313609		-6.2	20	
Benzene	A	50.0	50.6	3.594061	3.43038	0.5	-4.6	20	
Bromochloromethane	A	50.0	51.8	0.7770644	0.747387		-3.8	20	
Bromodichloromethane	A	50.0	49.3	0.2617361	0.2605337	0.2	-1.5	20	
Bromoform	A	50.0	48.3	0.0673025	6.973104E-02	0.1	-3.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	VOA No. 3	Calibration:	SB60009
Lab File ID:	V31910293.D	Calibration Date:	02/02/26 08:00
Sequence:	S6B1218	Injection Date:	02/11/26
Lab Sample ID:	S6B1218-CCV1	Injection Time:	09:18

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Bromomethane	A	50.0	49.6	0.1115504	0.8853293	0.1	-0.8	20	
Carbon disulfide	A	50.0	53.1	1.463593	3.131746	0.1	6.1	20	
Carbon tetrachloride	A	50.0	52.9	1.002739	1.058374	0.1	5.7	20	
Chlorobenzene	A	50.0	50.2	0.6680884	0.6071342	0.5	-9.1	20	
Chloroethane	A	50.0	52.0	0.1688674	0.6528897	0.1	287	20 *	
Chloroform	A	50.0	50.8	1.537655	1.442252	0.2	-6.2	20	
Chloromethane	A	50.0	49.1	0.9128285	1.426765	0.1	-1.7	20	
cis-1,2-Dichloroethylene	A	50.0	49.8	1.529653	1.411028	0.1	-7.8	20	
cis-1,3-Dichloropropylene	A	50.0	49.4	0.3471176	0.3308053	0.2	-4.7	20	
Cyclohexane	A	50.0	49.8	1.6199	1.835697	0.1	13.3	20	
Dibromochloromethane	A	50.0	49.6	0.143825	0.1505445	0.1	-0.9	20	
Dibromomethane	A	50.0	50.2	0.1251343	0.116172		-7.2	20	
Dichlorodifluoromethane	A	50.0	47.7	0.3652229	1.011277	0.1	177	20 *	
Ethyl Benzene	A	50.0	49.4	1.293797	1.146712	0.1	-11.4	20	
Hexachlorobutadiene	A	50.0	51.3	0.3682798	0.3300674		-10.4	20	
Isopropylbenzene	A	50.0	50.3	2.544025	2.372858	0.1	-6.7	20	
Methyl acetate	A	50.0	52.1	0.4248291	0.4608329	0.1	8.5	20	
Methyl tert-butyl ether (MTBE)	A	50.0	48.8	2.001608	1.740873	0.1	-13.0	20	
Methylcyclohexane	A	50.0	48.1	0.4860241	0.4853125	0.1	-0.1	20	
Methylene chloride	A	50.0	59.8	1.042235	1.288818	0.1	23.7	20 *	
n-Butylbenzene	A	50.0	51.0	3.053371	2.872808		-5.9	20	
n-Propylbenzene	A	50.0	51.2	3.207764	3.043837		-5.1	20	
o-Xylene	A	50.0	49.8	0.9757641	0.8343063	0.3	-14.5	20	
p- & m- Xylenes	A	100	99.8	0.9889978	0.8745092	0.1	-11.6	20	
p-Isopropyltoluene	A	50.0	49.9	2.756683	2.599846		-5.7	20	
sec-Butylbenzene	A	50.0	50.7	2.835875	2.65643		-6.3	20	
Styrene	A	50.0	50.7	0.7397565	0.638998	0.3	-13.6	20	
tert-Butyl alcohol (TBA)	A	250	229	5.673151E-02	4.220105E-02		-25.6	20 *	
tert-Butylbenzene	A	50.0	49.4	1.824812	1.658533		-9.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	VOA No. 3	Calibration:	SB60009
Lab File ID:	V31910293.D	Calibration Date:	02/02/26 08:00
Sequence:	S6B1218	Injection Date:	02/11/26
Lab Sample ID:	S6B1218-CCV1	Injection Time:	09:18

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Tetrachloroethylene	A	50.0	51.0	0.311512	0.2383386	0.2	-23.5	20 *	
Toluene	A	50.0	49.4	1.111712	1.003263	0.4	-9.8	20	
trans-1,2-Dichloroethylene	A	50.0	49.2	1.344026	1.337357	0.1	-0.5	20	
trans-1,3-Dichloropropylene	A	50.0	48.1	0.2727572	0.26521	0.1	-3.8	20	
Trichloroethylene	A	50.0	48.0	0.270477	0.2421996	0.2	-10.5	20	
Trichlorofluoromethane	A	50.0	52.0	1.524997	2.246539	0.1	4.0	20	
Vinyl Chloride	A	50.0	51.0	0.9462478	1.554886	0.1	2.1	20	
Xylenes, Total	A	150	150	0.9845865	0.8611083		-12.5	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	MSVOA7	Calibration:	SB60017
Lab File ID:	V7-55289.D	Calibration Date:	02/09/26 07:00
Sequence:	S6B1221	Injection Date:	02/10/26
Lab Sample ID:	S6B1221-CCV1	Injection Time:	17:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	10.0	9.24	1.427472	1.318644		-7.6	20	
1,1,1-Trichloroethane	A	10.0	8.88	4.316811	3.833414	0.1	-11.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.24	0.4483313	0.4140666	0.3	-7.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) X	A	10.0	7.85	2.618327	2.054203	0.1	-21.5	20 *	
1,1,2-Trichloroethane	A	10.0	9.48	0.933844	0.8850075	0.1	-5.2	20	
1,1-Dichloroethane	A	10.0	9.46	5.673247	5.368418	0.2	-5.4	20	
1,1-Dichloroethylene	A	10.0	8.45	4.437488	3.749195	0.1	-15.5	20	
1,2,3-Trichlorobenzene	A	10.0	9.32	0.7424463	0.6916584		-6.8	20	
1,2,3-Trichloropropane	A	10.0	9.17	0.1253731	0.1149803		-8.3	20	
1,2,4-Trichlorobenzene	A	10.0	9.28	0.9302117	0.8634935	0.2	-7.2	20	
1,2,4-Trimethylbenzene	A	10.0	9.78	2.987245	2.920918		-2.2	20	
1,2-Dibromo-3-chloropropane	A	10.0	8.88	0.0600971	5.339368E-02	0.05	-11.2	20	
1,2-Dibromoethane	A	10.0	9.47	0.8279017	0.7839961	0.1	-5.3	20	
1,2-Dichlorobenzene	A	10.0	9.12	1.448928	1.32095	0.4	-8.8	20	
1,2-Dichloroethane	A	10.0	9.76	2.772888	2.706538	0.1	-2.4	20	
1,2-Dichloropropane	A	10.0	9.65	1.565548	1.510945	0.1	-3.5	20	
1,3,5-Trimethylbenzene	A	10.0	9.34	2.963686	2.767353		-6.6	20	
1,3-Dichlorobenzene	A	10.0	9.30	1.687384	1.569447	0.6	-7.0	20	
1,3-Dichloropropane	A	10.0	9.48	1.601825	1.518848		-5.2	20	
1,4-Dichlorobenzene	A	10.0	9.35	1.633047	1.527181	0.5	-6.5	20	
2-Butanone	A	10.0	44.9	0.2650899	0.2497769	0.1	-5.8	20	
2-Hexanone	A	10.0	44.8	0.3173164	0.3232431	0.1	1.9	20	
4-Methyl-2-pentanone	A	10.0	44.7	0.4892631	0.4918006	0.1	0.5	20	
Acetone X	A	10.0	52.2	0.1484683	0.1289554	0.1	422	20 *	
Acrolein	A	25.0	40.0	0.2749293	0.3717575		60.2	20 *	
Acrylonitrile	A	50.0	50.9	0.381299	0.3879371		1.7	20	
Benzene	A	10.0	9.73	12.8981	12.54655	0.5	-2.7	20	
Bromochloromethane	A	10.0	9.72	1.913457	1.859217		-2.8	20	
Bromodichloromethane	A	10.0	9.53	1.891906	1.803359	0.2	-4.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	MSVOA7	Calibration:	SB60017
Lab File ID:	V7-55289.D	Calibration Date:	02/09/26 07:00
Sequence:	S6B1221	Injection Date:	02/10/26
Lab Sample ID:	S6B1221-CCV1	Injection Time:	17:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Bromoform	A	10.0	9.00	0.5801447	0.5222439	0.1	-10.0	20	
Bromomethane	A	10.0	8.42	2.474239	2.083587	0.1	-15.8	20	
Carbon disulfide	A	10.0	8.39	10.90224	9.143303	0.1	-16.1	20	
Carbon tetrachloride	A	10.0	8.37	3.509203	2.936183	0.1	-16.3	20	
Chlorobenzene	A	10.0	9.23	4.720799	4.35908	0.5	-7.7	20	
Chloroethane	A	10.0	8.55	1.879182	1.606491	0.1	-14.5	20	
Chloroform	A	10.0	9.53	5.344279	5.091619	0.2	-4.7	20	
Chloromethane X	A	10.0	7.34	4.020097	2.951027	0.1	-26.6	20 *	
cis-1,2-Dichloroethylene	A	10.0	9.67	4.068675	3.934907	0.1	-3.3	20	
cis-1,3-Dichloropropylene	A	10.0	9.88	2.090207	2.065347	0.2	-1.2	20	
Cyclohexane	A	10.0	8.44	4.184141	3.532812	0.1	-15.6	20	
Dibromochloromethane	A	10.0	9.33	1.115154	1.040154	0.1	-6.7	20	
Dibromomethane	A	10.0	9.57	0.6230968	0.5963749		-4.3	20	
Dichlorodifluoromethane X	A	10.0	3.48	2.633098	1.07665	0.1	-65.2	20 *	
Ethyl Benzene	A	10.0	9.32	8.053459	7.506311	0.1	-6.8	20	
Hexachlorobutadiene	A	10.0	8.67	0.4494117	0.3898121		-13.3	20	
Isopropylbenzene	A	10.0	9.19	3.402959	3.128472	0.1	-8.1	20	
Methyl acetate	A	10.0	10.1	0.2019959	0.2036286	0.1	0.8	20	
Methyl tert-butyl ether (MTBE)	A	10.0	9.91	5.599526	5.549487	0.1	-0.9	20	
Methylcyclohexane X	A	10.0	7.36	2.24295	1.853649	0.1	-26.4	20 *	
Methylene chloride X	A	10.0	7.29	5.363729	3.910562	0.1	-27.1	20 *	
Naphthalene	A	10.0	9.48	1.325962	1.257028		-5.2	20	
n-Butylbenzene	A	10.0	9.55	3.512213	3.35291		-4.5	20	
n-Propylbenzene	A	10.0	9.14	4.308637	3.939007		-8.6	20	
o-Xylene	A	10.0	9.89	5.828257	5.763701	0.3	-1.1	20	
p- & m- Xylenes	A	20.0	18.6	5.911886	5.749601	0.1	-2.7	20	
p-Diethylbenzene	A	10.0	9.83	1.59632	1.569706		-1.7	20	
p-Ethyltoluene	A	10.0	9.67	3.582082	3.465328		-3.3	20	
p-Isopropyltoluene	A	10.0	9.52	3.075724	2.928446		-4.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	MSVOA7	Calibration:	SB60017
Lab File ID:	V7-55289.D	Calibration Date:	02/09/26 07:00
Sequence:	S6B1221	Injection Date:	02/10/26
Lab Sample ID:	S6B1221-CCV1	Injection Time:	17:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
sec-Butylbenzene	A	10.0	9.18	3.672421	3.369622		-8.2	20	
Styrene	A	10.0	10.0	4.508292	4.522952	0.3	0.3	20	
tert-Butyl alcohol (TBA)	A	50.0	50.3	0.2059107	0.2025328		-1.6	20	
tert-Butylbenzene	A	10.0	9.27	2.774849	2.572331		-7.3	20	
Tetrachloroethylene	A	10.0	8.46	1.895468	1.603052	0.2	-15.4	20	
Toluene	A	10.0	9.46	7.437801	7.038047	0.4	-5.4	20	
trans-1,2-Dichloroethylene	A	10.0	9.17	4.791448	4.392921	0.1	-8.3	20	
trans-1,3-Dichloropropylene	A	10.0	9.88	2.090207	2.065347	0.1	-1.2	20	
Trichloroethylene	A	10.0	8.98	1.786321	1.60376	0.2	-10.2	20	
Trichlorofluoromethane X	A	10.0	7.70	4.019776	3.094951	0.1	-23.0	20 *	
Vinyl Chloride X	A	10.0	7.29	3.89569	2.840238	0.1	-27.1	20 *	
Xylenes, Total	A	30.0	28.5	5.917003	5.754301		-2.7	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles Data
for York Analytical Laboratories, Inc., SDG: 26B0173

9 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected February 4, 2026

Prepared by: Donald Anné
April 16, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRF for hexachlorobenzene was below the method minimum, but not below 0.010 for BNA#2 on 01-07-26. The average RRF for hexachlorobenzene was below the method minimum, but not below 0.010 for BNA#1 on 12-09-25. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010), as required.

The %RSDs for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, benzoic acid, and pentachlorophenol were the allowable maximum (30%) for BNA#2 on 01-07-26. The %RSD for 2,4-dinitrophenol was the allowable maximum (30%) for BNA7 on 01-28-26. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 02-10-26 (E20029772.D). The RRF for hexachlorobenzene was below the method minimum, but not below 0.010 on 09-15-25 (E900329544.D). The %Ds for 12 compounds (marked with a red X on attached FORM VII) were above the method maximum on 02-04-26 (BNA1-038693.D). The %Ds for 9 compounds (marked with a red X on attached FORM VII) were above the method maximum on 02-07-26 (E70362264.D). The %Ds for 11 compounds (marked with a red X on attached FORM VII) were above the method maximum on 02-10-26 (E20029772.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

The RRF for caprolactam was below the method minimum and below the allowable minimum (0.010) on 02-07-26 (E70362264.D). This calibration was not method compliant and samples should have been re-analyzed with a compliant calibration. Positive results for caprolactam should be considered estimated (J) and "not detected" results rejected, unusable (R) in associated samples.

The %Ds for 15 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 02-05-26 (BNA1-038693.D). The %Ds for 10 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 02-07-26 (E70362264.D). The %Ds for 13 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 02-10-26 (E20029772.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and field blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: One of three acid extractable and 1 of 3 base/neutral surrogate recoveries for sample 26SB-2 (0-2) were below control limits and below 10%. Positive results for all compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in sample 26SB-2 (0-2).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for 64 compounds (highlighted yellow on attached form) were below the allowable maximum; 1 or 2 percent recoveries (%Rs) for 7 compounds (highlighted yellow on attached form) were below QC limits, but not below 10%; 1 or 2 percent recoveries for 22 compounds (highlighted yellow on attached form) were below QC limits and below 10% for soil MS/MSD sample 26SB-4 (17-19). Positive results for 15 compounds should be considered estimated, biased low (J-); "not detected" results for 7 compounds estimated (UJ); and "not detected" results for 7 compounds rejected, unusable (R) in sample 26SB-4 (17-19).

Laboratory Control Sample: The percent recoveries (%Rs) for benzo(a)pyrene and benzo(g,h,i) perylene were below QC limits, but not below 10% for soil sample BB60440-BS1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

The %Rs for benzoic acid and pyridine were below QC limits and below 10% for soil sample BB60254-BS1. The %Rs for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and hexachlorocyclopentadiene were below QC limits and below 10% for soil sample BB60440-BS1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated soil samples.

The relative percent difference for pyridine was above the allowable maximum and 1 of 2 %Rs for pyridine was below QC limits and below 30% for aqueous samples BB60257-BS1. Positive results for pyridine should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

Field Duplicates: The analyses of soil field duplicate pair 26SB-1 (15-17)/Field Dup-020426 reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compound and surrogate results were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM II SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Sequence:	S6B1014	Instrument:	BNA#2
Batch:	BB60440	Calibration:	SA60013

Surrogate Compound	Spike Level mg/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
26SB-1 (15-17) (26B0173-03)			Lab File ID: E20029779.D		Analyzed: 02/10/26 13:28			
SURR: 2-Fluorophenol	1.79	23.8	20 - 108	5.102	5.097	0.0050	+/-0.50	
SURR: Phenol-d6	1.79	34.4	23 - 114	5.714	5.707	0.0070	+/-0.50	
SURR: Nitrobenzene-d5	0.895	41.4	22 - 108	6.364	6.369571	-0.0056	+/-0.50	
SURR: 2-Fluorobiphenyl	0.895	34.2	21 - 113	7.826	7.83	-0.0040	+/-0.50	
SURR: 2,4,6-Tribromophenol	1.79	22.4	19 - 110	9.705	9.697143	0.0079	+/-0.50	
SURR: Terphenyl-d14	0.895	31.0	24 - 116	14.041	14.03843	0.0026	+/-0.50	
26SB-2 (0-2) (26B0173-04)			Lab File ID: E20029780.D		Analyzed: 02/10/26 14:07			
SURR: 2-Fluorophenol	1.95	24.8	20 - 108	5.102	5.097	0.0050	+/-0.50	
SURR: Phenol-d6	1.95	50.6	23 - 114	5.714	5.707	0.0070	+/-0.50	
SURR: Nitrobenzene-d5	0.973	5.28	22 - 108	6.492	6.369571	0.1224	+/-0.50	*
SURR: 2-Fluorobiphenyl	0.973	64.7	21 - 113	7.825	7.83	-0.0050	+/-0.50	
SURR: 2,4,6-Tribromophenol	1.95	3.00	19 - 110	9.704	9.697143	0.0069	+/-0.50	*
SURR: Terphenyl-d14	0.973	55.3	24 - 116	14.06	14.03843	0.0216	+/-0.50	
26SB-4 (17-19) (26B0173-09)			Lab File ID: E20029781.D		Analyzed: 02/10/26 14:44			
SURR: 2-Fluorophenol	1.92	49.4	20 - 108	5.111	5.097	0.0140	+/-0.50	
SURR: Phenol-d6	1.92	46.9	23 - 114	5.728	5.707	0.0210	+/-0.50	
SURR: Nitrobenzene-d5	0.959	54.4	22 - 108	6.364	6.369571	-0.0056	+/-0.50	
SURR: 2-Fluorobiphenyl	0.959	44.9	21 - 113	7.825	7.83	-0.0050	+/-0.50	
SURR: 2,4,6-Tribromophenol	1.92	54.2	19 - 110	9.704	9.697143	0.0069	+/-0.50	
SURR: Terphenyl-d14	0.959	40.3	24 - 116	14.046	14.03843	0.0076	+/-0.50	
Matrix Spike (BB60440-MS1)			Lab File ID: E20029782.D		Analyzed: 02/10/26 15:20			
SURR: 2-Fluorophenol	1.94	40.7	20 - 108	5.102	5.097	0.0050	+/-0.50	
SURR: Phenol-d6	1.94	40.4	23 - 114	5.714	5.707	0.0070	+/-0.50	
SURR: Nitrobenzene-d5	0.972	46.5	22 - 108	6.364	6.369571	-0.0056	+/-0.50	
SURR: 2-Fluorobiphenyl	0.972	36.4	21 - 113	7.825	7.83	-0.0050	+/-0.50	
SURR: 2,4,6-Tribromophenol	1.94	39.0	19 - 110	9.7	9.697143	0.0029	+/-0.50	
SURR: Terphenyl-d14	0.972	62.1	24 - 116	14.041	14.03843	0.0026	+/-0.50	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

26SB-4 (17-19)

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60440	Laboratory ID:	BB60440-MS1
Preparation:	EPA 3545A	Initial/Final:	30 g / 1 mL

Source Sample Name: 26B0173-09

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.	Q
1,1-Biphenyl	0.972	ND	0.200	20.6	10 - 130	
1,2,4,5-Tetrachlorobenzene	0.972	ND	0.208	21.4	10 - 133	
1,2,4-Trichlorobenzene	0.972	ND	0.234	24.1	10 - 127	
1,2-Dichlorobenzene	0.972	ND	0.236	24.2	14 - 111	
1,2-Diphenylhydrazine (as Azobenzene)	0.972	ND	0.208	21.4	10 - 144	
1,3-Dichlorobenzene	0.972	ND	0.218	22.4	11 - 111	
1,4-Dichlorobenzene	0.972	ND	0.210	21.6	10 - 106	
2,3,4,6-Tetrachlorophenol	0.972	ND	0.283	29.1 *	30 - 130	
2,4,5-Trichlorophenol	0.972	ND	0.225	23.2	10 - 127	
2,4,6-Trichlorophenol	0.972	ND	0.204	21.0	10 - 132	
2,4-Dichlorophenol	0.972	ND	0.242	24.9	10 - 128	
2,4-Dimethylphenol	0.972	ND	0.233	24.0	10 - 137	
2,4-Dinitrophenol	0.972	ND	ND	0 *	10 - 171	
2,4-Dinitrotoluene	0.972	ND	0.190	19.5	16 - 135	
2,6-Dinitrotoluene	0.972	ND	0.200	20.6	18 - 131	
2-Chloronaphthalene	0.972	ND	0.204	21.0	10 - 129	
2-Chlorophenol	0.972	ND	0.252	25.9	15 - 116	
2-Methylnaphthalene	0.972	ND	0.215	22.2	10 - 147	
2-Methylphenol	0.972	ND	0.236	24.3	10 - 136	
2-Nitroaniline	0.972	ND	0.250	25.8	10 - 137	
2-Nitrophenol	0.972	ND	0.176	18.2	10 - 129	
3- & 4-Methylphenols	0.972	ND	0.197	20.3	10 - 123	
3,3-Dichlorobenzidine	0.972	ND	0.196	20.2	10 - 155	
3-Nitroaniline	0.972	ND	0.246	25.3	12 - 133	
4,6-Dinitro-2-methylphenol	0.972	ND	ND	0 *	10 - 155	
4-Bromophenyl phenyl ether	0.972	ND	0.204	21.0	14 - 128	
4-Chloro-3-methylphenol	0.972	ND	0.279	28.7	10 - 134	
4-Chloroaniline	0.972	ND	0.168	17.3	10 - 145	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

26SB-4 (17-19)

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60440	Laboratory ID:	BB60440-MS1
Preparation:	EPA 3545A	Initial/Final:	30 g / 1 mL

Source Sample Name: 26B0173-09

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.	Q
4-Chlorophenyl phenyl ether	0.972	ND	0.200	20.6	14 - 130	
4-Nitroaniline	0.972	ND	0.253	26.1	10 - 147	
4-Nitrophenol	0.972	ND	0.180	18.5	10 - 137	J
Acenaphthene	0.972	0.0790	0.194	11.9	10 - 146	
Acenaphthylene	0.972	ND	0.218	22.4	10 - 134	
Acetophenone	0.972	ND	0.246	25.4	10 - 116	
Aniline	0.972	ND	0.183	18.9	10 - 123	J
Anthracene	0.972	0.183	0.211	2.81 *	10 - 142	
Atrazine	0.972	ND	0.238	24.5	19 - 115	
Benzaldehyde	0.972	ND	0.245	25.2	10 - 125	
Benzo(a)anthracene	0.972	0.312	0.218	-9.65 *	10 - 158	
Benzo(a)pyrene	0.972	0.292	0.219	-7.52 *	10 - 180	
Benzo(b)fluoranthene	0.972	0.239	0.201	-3.91 *	10 - 200	
Benzo(g,h,i)perylene	0.972	0.178	0.182	0.404 *	10 - 138	
Benzo(k)fluoranthene	0.972	0.297	0.222	-7.75 *	10 - 197	
Benzoic acid	0.972	ND	ND	0 *	10 - 166	
Benzyl alcohol	0.972	ND	0.204	21.0	12 - 124	
Benzyl butyl phthalate	0.972	ND	0.336	34.6	10 - 154	
Bis(2-chloroethoxy)methane	0.972	ND	0.227	23.4	10 - 132	
Bis(2-chloroethyl)ether	0.972	ND	0.267	27.5	10 - 119	
Bis(2-chloroisopropyl)ether	0.972	ND	0.308	31.7	10 - 139	
Bis(2-ethylhexyl)phthalate	0.972	ND	0.302	31.0	10 - 167	
Caprolactam	0.972	ND	0.289	29.8	10 - 132	
Carbazole	0.972	0.0706	0.205	13.9	10 - 167	
Chrysene	0.972	0.343	0.216	-13.0 *	10 - 156	
Dibenzo(a,h)anthracene	0.972	ND	0.180	18.5	10 - 137	
Dibenzofuran	0.972	0.0706	0.210	14.3	10 - 147	
Diethyl phthalate	0.972	ND	0.213	21.9	20 - 120	
Dimethyl phthalate	0.972	ND	0.208	21.4	18 - 131	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

26SB-4 (17-19)

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60440	Laboratory ID:	BB60440-MS1
Preparation:	EPA 3545A	Initial/Final:	30 g / 1 mL

Source Sample Name: 26B0173-09

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.	Q
Di-n-butyl phthalate	0.972	ND	0.223	23.0	10 - 137	
Di-n-octyl phthalate	0.972	ND	0.314	32.3	10 - 180	
Fluoranthene	0.972	0.650	0.224	-43.8 *	10 - 160	
Fluorene	0.972	ND	0.211	21.7	10 - 157	
Hexachlorobenzene	0.972	ND	0.220	22.6	10 - 137	
Hexachlorobutadiene	0.972	ND	0.236	24.2	10 - 132	
Hexachlorocyclopentadiene	0.972	ND	ND	0 *	10 - 106	
Hexachloroethane	0.972	ND	0.187	19.2	10 - 110	
Indeno(1,2,3-cd)pyrene	0.972	0.141	0.179	3.87 *	10 - 144	
Isophorone	0.972	ND	0.253	26.0	10 - 132	
Naphthalene	0.972	0.0798	0.250	17.5	10 - 141	
Nitrobenzene	0.972	ND	0.236	24.2	10 - 131	
N-Nitrosodimethylamine	0.972	ND	0.174	17.9	10 - 126	
N-nitroso-di-n-propylamine	0.972	ND	0.236	24.2	10 - 125	
N-Nitrosodiphenylamine	0.972	ND	0.214	22.0	10 - 177	
Pentachlorophenol	0.972	ND	0.0956	9.84 *	10 - 153	J
Phenanthrene	0.972	0.859	0.204	-67.4 *	10 - 148	
Phenol	0.972	ND	0.259	26.6	10 - 126	
Pyrene	0.972	0.832	0.412	-43.3 *	10 - 165	
Pyridine	0.972	ND	0.190	19.6	10 - 83	J

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

26SB-4 (17-19)

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60440	Laboratory ID:	BB60440-MSD1
Preparation:	EPA 3545A	Initial/Final:	30 g / 1 mL

Source Sample Name: 26B0173-09

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
1,1-Biphenyl	0.972	0.140	14.4	35.2 *	30	10 - 130	
1,2,4,5-Tetrachlorobenzene	0.972	0.142	14.6	37.3 *	30	10 - 133	J
1,2,4-Trichlorobenzene	0.972	0.165	17.0	34.7 *	30	10 - 127	
1,2-Dichlorobenzene	0.972	0.176	18.2	28.7	30	14 - 111	
1,2-Diphenylhydrazine (as Azobenzene)	0.972	0.127	13.0	48.4 *	30	10 - 144	
1,3-Dichlorobenzene	0.972	0.168	17.3	25.8	30	11 - 111	
1,4-Dichlorobenzene	0.972	0.162	16.7	25.5	30	10 - 106	
2,3,4,6-Tetrachlorophenol	0.972	0.182	18.7 *	43.5 *	30	30 - 130	J
2,4,5-Trichlorophenol	0.972	0.148	15.3	41.2 *	30	10 - 127	
2,4,6-Trichlorophenol	0.972	0.131	13.5	43.2 *	30	10 - 132	
2,4-Dichlorophenol	0.972	0.154	15.8	44.4 *	30	10 - 128	
2,4-Dimethylphenol	0.972	ND	0 *		30	10 - 137	
2,4-Dinitrophenol	0.972	ND	0 *		30	10 - 171	
2,4-Dinitrotoluene	0.972	0.115	11.8 *	49.0 *	30	16 - 135	
2,6-Dinitrotoluene	0.972	0.134	13.8 *	39.6 *	30	18 - 131	
2-Chloronaphthalene	0.972	0.139	14.3	37.6 *	30	10 - 129	
2-Chlorophenol	0.972	0.162	16.7	43.2 *	30	15 - 116	
2-Methylnaphthalene	0.972	0.151	15.5	35.2 *	30	10 - 147	
2-Methylphenol	0.972	0.126	13.0	60.9 *	30	10 - 136	
2-Nitroaniline	0.972	0.166	17.0	40.7 *	30	10 - 137	J
2-Nitrophenol	0.972	0.117	12.0	40.8 *	30	10 - 129	
3- & 4-Methylphenols	0.972	0.122	12.6	47.2 *	30	10 - 123	
3,3-Dichlorobenzidine	0.972	0.128	13.2	41.7 *	30	10 - 155	
3-Nitroaniline	0.972	0.159	16.3	43.1 *	30	12 - 133	J
4,6-Dinitro-2-methylphenol	0.972	ND	0 *		30	10 - 155	
4-Bromophenyl phenyl ether	0.972	0.135	13.9 *	40.4 *	30	14 - 128	
4-Chloro-3-methylphenol	0.972	0.178	18.3	44.2 *	30	10 - 134	
4-Chloroaniline	0.972	0.124	12.7	30.4 *	30	10 - 145	
4-Chlorophenyl phenyl ether	0.972	0.141	14.5	34.7 *	30	14 - 130	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

26SB-4 (17-19)

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60440	Laboratory ID:	BB60440-MSD1
Preparation:	EPA 3545A	Initial/Final:	30 g / 1 mL

Source Sample Name: 26B0173-09

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
4-Nitroaniline	0.972	0.134	13.8	61.3 *	30	10 - 147	J
4-Nitrophenol	0.972	0.127	13.0	34.5 *	30	10 - 137	J
Acenaphthene	0.972	0.133	5.55 *	37.5 *	30	10 - 146	
Acenaphthylene	0.972	0.141	14.5	43.0 *	30	10 - 134	
Acetophenone	0.972	0.172	17.7	35.7 *	30	10 - 116	
Aniline	0.972	0.250	25.8		30	10 - 123	J
Anthracene	0.972	0.136	-4.87 *	43.0 *	30	10 - 142	
Atrazine	0.972	0.149	15.4 *	45.8 *	30	19 - 115	
Benzaldehyde	0.972	0.177	18.2	32.0 *	30	10 - 125	
Benzo(a)anthracene	0.972	0.155	-16.1 *	33.7 *	30	10 - 158	
Benzo(a)pyrene	0.972	0.0902	-20.8 *	83.4 *	30	10 - 180	J
Benzo(b)fluoranthene	0.972	0.0801	-16.3 *	85.9 *	30	10 - 200	J
Benzo(g,h,i)perylene	0.972	0.117	-6.32 *	43.8 *	30	10 - 138	
Benzo(k)fluoranthene	0.972	0.0847	-21.8 *	89.3 *	30	10 - 197	J
Benzoic acid	0.972	ND	0 *		30	10 - 166	
Benzyl alcohol	0.972	0.132	13.6	42.6 *	30	12 - 124	
Benzyl butyl phthalate	0.972	0.186	19.1	57.5 *	30	10 - 154	
Bis(2-chloroethoxy)methane	0.972	0.155	15.9	37.9 *	30	10 - 132	
Bis(2-chloroethyl)ether	0.972	0.364	37.4	30.5 *	30	10 - 119	
Bis(2-chloroisopropyl)ether	0.972	0.222	22.9	32.3 *	30	10 - 139	
Bis(2-ethylhexyl)phthalate	0.972	0.162	16.7	60.0 *	30	10 - 167	
Caprolactam	0.972	0.155	16.0	60.1 *	30	10 - 132	J
Carbazole	0.972	0.136	6.74 *	40.5 *	30	10 - 167	
Chrysene	0.972	0.129	-22.0 *	50.5 *	30	10 - 156	
Dibenzo(a,h)anthracene	0.972	0.120	12.3	40.0 *	30	10 - 137	
Dibenzofuran	0.972	0.138	6.98 *	41.1 *	30	10 - 147	
Diethyl phthalate	0.972	0.142	14.6 *	39.8 *	30	20 - 120	
Dimethyl phthalate	0.972	0.135	13.9 *	42.5 *	30	18 - 131	
Di-n-butyl phthalate	0.972	0.146	15.0	41.7 *	30	10 - 137	
Di-n-octyl phthalate	0.972	ND	0 *		30	10 - 180	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

26SB-4 (17-19)

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60440	Laboratory ID:	BB60440-MSD1
Preparation:	EPA 3545A	Initial/Final:	30 g / 1 mL

Source Sample Name: 26B0173-09

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
Fluoranthene	0.972	0.147	-51.7 *	41.5 *	30	10 - 160	
Fluorene	0.972	0.139	14.3	40.9 *	30	10 - 157	
Hexachlorobenzene	0.972	0.132	13.6	49.9 *	30	10 - 137	
Hexachlorobutadiene	0.972	0.176	18.2	28.7	30	10 - 132	
Hexachlorocyclopentadiene	0.972	ND	0 *		30	10 - 106	
Hexachloroethane	0.972	0.132	13.6	34.1 *	30	10 - 110	
Indeno(1,2,3-cd)pyrene	0.972	0.116	-2.61 *	42.7 *	30	10 - 144	
Isophorone	0.972	0.168	17.3	40.3 *	30	10 - 132	
Naphthalene	0.972	0.170	9.31 *	38.1 *	30	10 - 141	
Nitrobenzene	0.972	0.161	16.6	37.6 *	30	10 - 131	
N-Nitrosodimethylamine	0.972	0.113	11.6	42.8 *	30	10 - 126	
N-nitroso-di-n-propylamine	0.972	0.155	16.0	41.0 *	30	10 - 125	
N-Nitrosodiphenylamine	0.972	0.122	12.6	54.6 *	30	10 - 177	
Pentachlorophenol	0.972	ND	0 *		30	10 - 153	
Phenanthrene	0.972	0.135	-74.5 *	40.7 *	30	10 - 148	
Phenol	0.972	0.181	18.6	35.3 *	30	10 - 126	
Pyrene	0.972	0.167	-68.5 *	84.6 *	30	10 - 165	
Pyridine	0.972	0.129	13.3		30	10 - 83	J

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60440	Laboratory ID:	BB60440-BS1
Preparation:	EPA 3545A	Initial/Final:	30 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.	Q
1,1-Biphenyl	0.833	0.340	40.8	18 - 111	
1,2,4,5-Tetrachlorobenzene	0.833	0.338	40.6	21 - 131	
1,2,4-Trichlorobenzene	0.833	0.370	44.4	10 - 140	
1,2-Dichlorobenzene	0.833	0.355	42.6	34 - 108	
1,2-Diphenylhydrazine (as Azobenzene)	0.833	0.356	42.7	17 - 137	
1,3-Dichlorobenzene	0.833	0.341	40.9	33 - 110	
1,4-Dichlorobenzene	0.833	0.349	41.8	32 - 104	
2,3,4,6-Tetrachlorophenol	0.833	0.443	53.2	30 - 130	
2,4,5-Trichlorophenol	0.833	0.352	42.2	27 - 118	
2,4,6-Trichlorophenol	0.833	0.340	40.8	31 - 120	
2,4-Dichlorophenol	0.833	0.396	47.5	20 - 127	
2,4-Dimethylphenol	0.833	0.424	50.9	14 - 132	
2,4-Dinitrophenol	0.833	ND	0 *	10 - 171	
2,4-Dinitrotoluene	0.833	0.402	48.3	34 - 131	
2,6-Dinitrotoluene	0.833	0.402	48.2	31 - 128	
2-Chloronaphthalene	0.833	0.329	39.5	31 - 117	
2-Chlorophenol	0.833	0.403	48.3	33 - 113	
2-Methylnaphthalene	0.833	0.350	42.0	12 - 138	
2-Methylphenol	0.833	0.387	46.4	10 - 136	
2-Nitroaniline	0.833	0.435	52.2	27 - 132	
2-Nitrophenol	0.833	0.360	43.2	17 - 129	
3- & 4-Methylphenols	0.833	0.355	42.6	29 - 103	
3,3-Dichlorobenzidine	0.833	0.328	39.3	22 - 149	
3-Nitroaniline	0.833	0.404	48.5	20 - 133	
4,6-Dinitro-2-methylphenol	0.833	0.0540	6.48 *	10 - 143	J
4-Bromophenyl phenyl ether	0.833	0.358	43.0	29 - 120	
4-Chloro-3-methylphenol	0.833	0.456	54.8	24 - 129	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60440	Laboratory ID:	BB60440-BS1
Preparation:	EPA 3545A	Initial/Final:	30 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.	Q
4-Chloroaniline	0.833	0.209	25.0	10 - 132	
4-Chlorophenyl phenyl ether	0.833	0.354	42.5	27 - 124	
4-Nitroaniline	0.833	0.428	51.4	16 - 128	
4-Nitrophenol	0.833	0.367	44.0	10 - 141	
Acenaphthene	0.833	0.313	37.6	30 - 121	
Acenaphthylene	0.833	0.353	42.3	30 - 115	
Acetophenone	0.833	0.393	47.2	20 - 112	
Aniline	0.833	0.304	36.5	10 - 119	
Anthracene	0.833	0.356	42.7	34 - 118	
Atrazine	0.833	0.380	45.6	26 - 112	
Benzaldehyde	0.833	0.378	45.4	21 - 100	
Benzo(a)anthracene	0.833	0.347	41.6	32 - 122	
Benzo(a)pyrene	0.833	0.211	25.3 *	29 - 133	
Benzo(b)fluoranthene	0.833	0.243	29.2	25 - 133	
Benzo(g,h,i)perylene	0.833	0.299	35.8 *	100 - 143	
Benzo(k)fluoranthene	0.833	0.239	28.7	25 - 128	
Benzoic acid	0.833	0.0843	10.1	10 - 140	
Benzyl alcohol	0.833	0.374	44.9	30 - 115	
Benzyl butyl phthalate	0.833	0.381	45.7	26 - 126	
Bis(2-chloroethoxy)methane	0.833	0.366	43.9	19 - 132	
Bis(2-chloroethyl)ether	0.833	0.442	53.1	19 - 125	
Bis(2-chloroisopropyl)ether	0.833	0.451	54.1	20 - 135	
Bis(2-ethylhexyl)phthalate	0.833	0.330	39.6	10 - 155	
Caprolactam	0.833	0.402	48.2	10 - 127	
Carbazole	0.833	0.342	41.1	35 - 123	
Chrysene	0.833	0.331	39.7	32 - 123	
Dibenzo(a,h)anthracene	0.833	0.309	37.1	10 - 136	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60440	Laboratory ID:	BB60440-BS1
Preparation:	EPA 3545A	Initial/Final:	30 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.	Q
Dibenzofuran	0.833	0.336	40.3	29 - 121	
Diethyl phthalate	0.833	0.345	41.4	34 - 116	
Dimethyl phthalate	0.833	0.337	40.4	35 - 124	
Di-n-butyl phthalate	0.833	0.363	43.6	31 - 116	
Di-n-octyl phthalate	0.833	0.322	38.6	26 - 136	
Fluoranthene	0.833	0.354	42.5	33 - 122	
Fluorene	0.833	0.335	40.2	29 - 123	
Hexachlorobenzene	0.833	0.343	41.2	21 - 124	
Hexachlorobutadiene	0.833	0.380	45.6	10 - 149	
Hexachlorocyclopentadiene	0.833	0.0453	5.44 *	10 - 129	
Hexachloroethane	0.833	0.328	39.4	28 - 108	
Indeno(1,2,3-cd)pyrene	0.833	0.299	35.8	10 - 135	
Isophorone	0.833	0.397	47.7	20 - 132	
Naphthalene	0.833	0.370	44.4	23 - 124	
Nitrobenzene	0.833	0.393	47.2	13 - 132	
N-Nitrosodimethylamine	0.833	0.290	34.8	11 - 129	
N-nitroso-di-n-propylamine	0.833	0.363	43.6	24 - 119	
N-Nitrosodiphenylamine	0.833	0.387	46.4	22 - 152	
Pentachlorophenol	0.833	0.229	27.5	10 - 139	
Phenanthrene	0.833	0.330	39.6	33 - 123	
Phenol	0.833	0.429	51.5	23 - 115	
Pyrene	0.833	0.342	41.0	24 - 130	
Pyridine	0.833	0.247	29.7	10 - 91	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60254	Laboratory ID:	BB60254-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.	Q
1,1-Biphenyl	0.831	0.579	69.7	18 - 111	
1,2,4,5-Tetrachlorobenzene	0.831	0.551	66.4	21 - 131	
1,2,4-Trichlorobenzene	0.831	0.576	69.4	10 - 140	
1,2-Dichlorobenzene	0.831	0.561	67.6	34 - 108	
1,2-Diphenylhydrazine (as Azobenzene)	0.831	0.657	79.1	17 - 137	
1,3-Dichlorobenzene	0.831	0.529	63.6	33 - 110	
1,4-Dichlorobenzene	0.831	0.520	62.6	32 - 104	
2,3,4,6-Tetrachlorophenol	0.831	0.780	93.9	30 - 130	
2,4,5-Trichlorophenol	0.831	0.599	72.1	27 - 118	
2,4,6-Trichlorophenol	0.831	0.564	68.0	31 - 120	
2,4-Dichlorophenol	0.831	0.660	79.4	20 - 127	
2,4-Dimethylphenol	0.831	0.655	78.8	14 - 132	
2,4-Dinitrophenol	0.831	0.0970	11.7	10 - 171	
2,4-Dinitrotoluene	0.831	0.800	96.4	34 - 131	
2,6-Dinitrotoluene	0.831	0.766	92.2	31 - 128	
2-Chloronaphthalene	0.831	0.569	68.6	31 - 117	
2-Chlorophenol	0.831	0.647	77.8	33 - 113	
2-Methylnaphthalene	0.831	0.560	67.4	12 - 138	
2-Methylphenol	0.831	0.647	77.9	10 - 136	
2-Nitroaniline	0.831	0.751	90.4	27 - 132	
2-Nitrophenol	0.831	0.677	81.5	17 - 129	
3- & 4-Methylphenols	0.831	0.583	70.2	29 - 103	
3,3-Dichlorobenzidine	0.831	0.351	42.2	22 - 149	
3-Nitroaniline	0.831	0.628	75.6	20 - 133	
4,6-Dinitro-2-methylphenol	0.831	0.343	41.3	10 - 143	
4-Bromophenyl phenyl ether	0.831	0.587	70.6	29 - 120	
4-Chloro-3-methylphenol	0.831	0.805	96.9	24 - 129	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60254	Laboratory ID:	BB60254-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.	Q
4-Chloroaniline	0.831	0.336	40.5	10 - 132	
4-Chlorophenyl phenyl ether	0.831	0.629	75.7	27 - 124	
4-Nitroaniline	0.831	0.726	87.4	16 - 128	
4-Nitrophenol	0.831	0.774	93.2	10 - 141	
Acenaphthene	0.831	0.554	66.8	30 - 121	
Acenaphthylene	0.831	0.605	72.9	30 - 115	
Acetophenone	0.831	0.645	77.7	20 - 112	
Aniline	0.831	0.655	78.9	10 - 119	
Anthracene	0.831	0.594	71.5	34 - 118	
Atrazine	0.831	0.660	79.5	26 - 112	
Benzaldehyde	0.831	0.540	65.0	21 - 100	
Benzo(a)anthracene	0.831	0.614	74.0	32 - 122	
Benzo(a)pyrene	0.831	0.743	89.4	29 - 133	
Benzo(b)fluoranthene	0.831	0.743	89.4	25 - 133	
Benzo(g,h,i)perylene	0.831	0.676	81.4	10 - 143	
Benzo(k)fluoranthene	0.831	0.741	89.2	25 - 128	
Benzoic acid	0.831	ND	0 *	10 - 140	
Benzyl alcohol	0.831	0.604	72.8	30 - 115	
Benzyl butyl phthalate	0.831	0.818	98.5	26 - 126	
Bis(2-chloroethoxy)methane	0.831	0.610	73.4	19 - 132	
Bis(2-chloroethyl)ether	0.831	0.954	115	19 - 125	
Bis(2-chloroisopropyl)ether	0.831	0.765	92.1	20 - 135	
Bis(2-ethylhexyl)phthalate	0.831	0.798	96.1	10 - 155	
Caprolactam	0.831	0.646	77.7	10 - 127	
Carbazole	0.831	0.596	71.7	35 - 123	
Chrysene	0.831	0.631	76.0	32 - 123	
Dibenzo(a,h)anthracene	0.831	0.662	79.7	10 - 136	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60254	Laboratory ID:	BB60254-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.	Q
Dibenzofuran	0.831	0.601	72.4	29 - 121	
Diethyl phthalate	0.831	0.647	77.9	34 - 116	
Dimethyl phthalate	0.831	0.608	73.2	35 - 124	
Di-n-butyl phthalate	0.831	0.607	73.0	31 - 116	
Di-n-octyl phthalate	0.831	0.815	98.1	26 - 136	
Fluoranthene	0.831	0.561	67.6	33 - 122	
Fluorene	0.831	0.619	74.5	29 - 123	
Hexachlorobenzene	0.831	0.631	76.0	21 - 124	
Hexachlorobutadiene	0.831	0.577	69.5	10 - 149	
Hexachlorocyclopentadiene	0.831	0.150	18.0	10 - 129	
Hexachloroethane	0.831	0.588	70.8	28 - 108	
Indeno(1,2,3-cd)pyrene	0.831	0.620	74.6	10 - 135	
Isophorone	0.831	0.682	82.1	20 - 132	
Naphthalene	0.831	0.598	72.0	23 - 124	
Nitrobenzene	0.831	0.641	77.1	13 - 132	
N-Nitrosodimethylamine	0.831	0.460	55.4	11 - 129	
N-nitroso-di-n-propylamine	0.831	0.632	76.0	24 - 119	
N-Nitrosodiphenylamine	0.831	0.658	79.3	22 - 152	
Pentachlorophenol	0.831	0.524	63.1	10 - 139	
Phenanthrene	0.831	0.592	71.3	33 - 123	
Phenol	0.831	0.641	77.2	23 - 115	
Pyrene	0.831	0.720	86.6	24 - 130	
Pyridine	0.831	ND	0 *	10 - 91	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60257	Laboratory ID:	BB60257-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.	Q
1,1-Biphenyl	25.0	12.9	51.8	33 - 95	
1,2,4,5-Tetrachlorobenzene	25.0	13.0	52.0	26 - 120	
2,3,4,6-Tetrachlorophenol	25.0	15.0	60.2	30 - 130	
2,4,5-Trichlorophenol	25.0	15.1	60.4	32 - 114	
2,4,6-Trichlorophenol	25.0	13.7	54.9	35 - 118	
2,4-Dichlorophenol	25.0	13.3	53.3	25 - 116	
2,4-Dimethylphenol	25.0	14.1	56.4	15 - 116	
2,4-Dinitrophenol	25.0	15.4	61.7	10 - 170	
2,4-Dinitrotoluene	25.0	15.7	62.9	41 - 128	
2,6-Dinitrotoluene	25.0	14.9	59.4	45 - 116	
2-Chloronaphthalene	25.0	12.6	50.3	33 - 112	
2-Chlorophenol	25.0	11.8	47.2	15 - 120	
2-Methylnaphthalene	25.0	11.7	46.7	24 - 118	
2-Methylphenol	25.0	10.6	42.5	10 - 110	
2-Nitroaniline	25.0	15.0	60.1	34 - 129	
2-Nitrophenol	25.0	12.8	51.1	28 - 118	
3- & 4-Methylphenols	25.0	8.17	32.7	10 - 107	
3,3-Dichlorobenzidine	25.0	12.4	49.4	15 - 187	
3-Nitroaniline	25.0	13.6	54.6	24 - 134	
4,6-Dinitro-2-methylphenol	25.0	17.3	69.2	10 - 153	
4-Bromophenyl phenyl ether	25.0	13.9	55.6	34 - 120	
4-Chloro-3-methylphenol	25.0	14.1	56.4	20 - 120	
4-Chloroaniline	25.0	11.1	44.2	10 - 147	
4-Chlorophenyl phenyl ether	25.0	13.8	55.0	27 - 121	
4-Nitroaniline	25.0	14.7	58.6	13 - 134	
4-Nitrophenol	25.0	6.04	24.2	10 - 131	
Acetophenone	25.0	13.6	54.6	25 - 110	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60257	Laboratory ID:	BB60257-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.	Q
Benzaldehyde	25.0	14.3	57.3	29 - 117	
Benzyl butyl phthalate	25.0	16.1	64.4	29 - 133	
Bis(2-chloroethoxy)methane	25.0	13.0	52.1	10 - 154	
Bis(2-chloroethyl)ether	25.0	12.0	47.9	17 - 125	
Bis(2-chloroisopropyl)ether	25.0	12.0	47.9	10 - 139	
Caprolactam	25.0	15.7	62.6	10 - 137	
Carbazole	25.0	15.6	62.5	42 - 126	
Dibenzofuran	25.0	13.6	54.4	36 - 113	
Diethyl phthalate	25.0	14.8	59.0	38 - 115	
Dimethyl phthalate	25.0	14.7	58.9	38 - 129	
Di-n-butyl phthalate	25.0	15.8	63.0	31 - 120	
Di-n-octyl phthalate	25.0	16.0	63.8	21 - 149	
Hexachlorocyclopentadiene	25.0	10.5	41.9	10 - 130	
Isophorone	25.0	13.9	55.4	25 - 127	
N-nitroso-di-n-propylamine	25.0	12.7	50.7	26 - 122	
N-Nitrosodiphenylamine	25.0	15.8	63.3	23 - 149	
Phenol	25.0	4.39	17.6	10 - 110	J
Pyridine	35.0	2.73	7.80 *	10 - 90	J

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60257	Laboratory ID:	BB60257-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
1,1-Biphenyl	25.0	14.0	55.9	7.73	20	33 - 95	
1,2,4,5-Tetrachlorobenzene	25.0	14.2	57.0	9.10	20	26 - 120	
2,3,4,6-Tetrachlorophenol	25.0	15.4	61.6	2.37	20	30 - 130	
2,4,5-Trichlorophenol	25.0	16.2	64.6	6.72	20	32 - 114	
2,4,6-Trichlorophenol	25.0	14.7	58.8	6.90	20	35 - 118	
2,4-Dichlorophenol	25.0	14.6	58.4	9.10	20	25 - 116	
2,4-Dimethylphenol	25.0	15.3	61.1	7.97	20	15 - 116	
2,4-Dinitrophenol	25.0	17.5	70.0	12.6	20	10 - 170	
2,4-Dinitrotoluene	25.0	16.1	64.4	2.33	20	41 - 128	
2,6-Dinitrotoluene	25.0	15.7	62.9	5.62	20	45 - 116	
2-Chloronaphthalene	25.0	13.6	54.2	7.50	20	33 - 112	
2-Chlorophenol	25.0	12.9	51.6	8.99	20	15 - 120	
2-Methylnaphthalene	25.0	12.9	51.5	9.86	20	24 - 118	
2-Methylphenol	25.0	11.6	46.5	8.99	20	10 - 110	
2-Nitroaniline	25.0	15.8	63.0	4.74	20	34 - 129	
2-Nitrophenol	25.0	14.2	56.7	10.4	20	28 - 118	
3- & 4-Methylphenols	25.0	9.01	36.0	9.78	20	10 - 107	
3,3-Dichlorobenzidine	25.0	13.0	52.2	5.51	20	15 - 187	
3-Nitroaniline	25.0	12.5	50.0	8.88	20	24 - 134	
4,6-Dinitro-2-methylphenol	25.0	17.4	69.5	0.461	20	10 - 153	
4-Bromophenyl phenyl ether	25.0	14.4	57.5	3.40	20	34 - 120	
4-Chloro-3-methylphenol	25.0	15.0	59.9	6.05	20	20 - 120	
4-Chloroaniline	25.0	9.74	39.0	12.7	20	10 - 147	
4-Chlorophenyl phenyl ether	25.0	14.6	58.6	6.27	20	27 - 121	
4-Nitroaniline	25.0	14.2	56.9	2.98	20	13 - 134	
4-Nitrophenol	25.0	5.96	23.8	1.33	20	10 - 131	
Acetophenone	25.0	15.0	60.2	9.76	20	25 - 110	
Benzaldehyde	25.0	15.4	61.4	6.94	20	29 - 117	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60257	Laboratory ID:	BB60257-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
Benzyl butyl phthalate	25.0	15.5	62.0	3.80	20	29 - 133	
Bis(2-chloroethoxy)methane	25.0	14.0	56.2	7.46	20	10 - 154	
Bis(2-chloroethyl)ether	25.0	12.9	51.6	7.32	20	17 - 125	
Bis(2-chloroisopropyl)ether	25.0	12.6	50.5	5.37	20	10 - 139	
Caprolactam	25.0	14.7	58.8	6.39	20	10 - 137	
Carbazole	25.0	15.7	62.7	0.383	20	42 - 126	
Dibenzofuran	25.0	14.5	58.0	6.55	20	36 - 113	
Diethyl phthalate	25.0	15.1	60.4	2.41	20	38 - 115	
Dimethyl phthalate	25.0	15.4	61.8	4.84	20	38 - 129	
Di-n-butyl phthalate	25.0	15.6	62.4	0.956	20	31 - 120	
Di-n-octyl phthalate	25.0	15.4	61.5	3.70	20	21 - 149	
Hexachlorocyclopentadiene	25.0	11.3	45.4	7.88	20	10 - 130	
Isophorone	25.0	14.7	58.8	5.81	20	25 - 127	
N-nitroso-di-n-propylamine	25.0	13.4	53.6	5.45	20	26 - 122	
N-Nitrosodiphenylamine	25.0	16.3	65.4	3.17	20	23 - 149	
Phenol	25.0	4.69	18.8	6.61	20	10 - 110	J
Pyridine	35.0	5.75	16.4	71.2 *	20	10 - 90	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SA60013
Instrument: BNA#2
Calibration Date: 01/07/26 01:14

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5808426	7.617019	7.93	1.858595E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4176959	13.87603	7.678714	2.364681E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2579024	4.012015	6.853	9.385081E-03			20	
1,2-Dichlorobenzene	1.436064	6.423915	6.108	2.082696E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.7724487	6.945525	9.503714	1.815511E-02			20	
1,3-Dichlorobenzene	1.503822	6.735528	5.937	7.435394E-03			20	
1,4-Dichlorobenzene	1.555555	5.80796	5.97	0.02325			20	
1-Methylnaphthalene	0.5920919	4.6518	7.590857	0.0338498			20	
2,3,4,6-Tetrachlorophenol	0.1056646	18.88401	9.05	8.564889E-03			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3125337	12.86544	7.807143	2.510708E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.2901933	14.2005	7.765143	2.260659E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2342225	7.106101	6.781857	1.344539E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2595838	6.409307	6.602428	0.0415876			SPCC (0.2)	
2,4-Dinitrophenol	0.0544627	49.13087	8.688143	8.161599E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.2820474	28.45902	8.869715	0.0305527			SPCC (0.2)	*
2,6-Dinitrotoluene	0.2174393	24.13536	8.384429	7.080933E-03			SPCC (0.2)	*
2-Chloronaphthalene	1.059533	7.207223	7.963	9.230198E-03			SPCC (0.8)	
2-Chlorophenol	1.296005	9.019493	5.837	1.065647E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6598187	4.521423	7.484	0.0168456			SPCC (0.4)	
2-Methylphenol	1.114738	8.120659	6.127	1.146749E-02			SPCC (0.7)	
2-Nitroaniline	0.322748	20.71795	8.097428	3.050071E-02			SPCC (0.01)	*
2-Nitrophenol	0.136364	15.96169	6.616143	2.187388E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.676159	9.239276	6.222	2.351251E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.4800122	15.66416	16.39286	2.325469E-02			SPCC (0.01)	
3-Nitroaniline	0.2979134	19.97165	8.566571	2.410665E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	5.398631E-02	48.35105	9.434714	3.967771E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1891926	8.20352	10.01657	1.967311E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.2583757	8.581187	7.320429	3.147892E-02			SPCC (0.2)	
4-Chloroaniline	0.389056	6.165896	6.959143	3.933206E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SA60013
Instrument: BNA#2
Calibration Date: 01/07/26 01:14

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorophenyl phenyl ether	0.5477716	8.007629	9.273571	1.865897E-02			SPCC (0.4)	
4-Nitroaniline	0.305451	19.35055	9.385857	0.0466358			SPCC (0.01)	
4-Nitrophenol	0.2110708	19.18571	8.714286	2.701087E-02			SPCC (0.01)	
Acenaphthene	1.128104	8.816982	8.651	2.309783E-02			SPCC (0.9)	
Acenaphthylene	1.76805	8.218895	8.436286	2.871644E-02			SPCC (0.9)	
Acetophenone	1.933276	13.2826	6.25	0			SPCC (0.01)	
Alpha Terpineol	0.2999683	4.286142	6.871286	3.090599E-02			20	
Aniline	1.947856	8.00267	5.759429	3.442158E-02			SPCC ()	
Anthracene	1.062712	8.603282	10.92471	1.587777E-02			SPCC (0.7)	
Atrazine	0.1694778	15.37433	10.321	3.770843E-02			SPCC (0.01)	
Benzaldehyde	1.003515	11.60787	5.671	1.776458E-02			SPCC (0.01)	
Benzidine	0.4012939	15.23853	13.51	1.769694E-02			20	
Benzo(a)anthracene	1.250862	10.03937	16.36471	7.061909E-03			SPCC (0.8)	
Benzo(a)pyrene	1.17523	11.10969	19.41571	2.582079E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.241454	10.95828	18.75229	2.889113E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	1.016903	15.94994	22.25329	0.0547749			SPCC (0.5)	
Benzo(k)fluoranthene	1.262104	9.211017	18.80186	2.695267E-02			SPCC (0.7)	
Benzoic acid	0.1530269	35.47572	6.6725	0.1497197			20	*
Benzyl alcohol	0.9487769	10.22501	6.056	2.229405E-02			20	
Benzyl butyl phthalate	0.5783684	15.45233	15.23486	2.060182E-02			20	
Bis(2-chloroethoxy)methane	0.3877751	4.380413	6.677	1.460317E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.338452	5.645239	5.780286	6.134973E-03			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	2.606412	4.03268	6.148429	3.967853E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.778504	14.13778	16.61086	2.869457E-03			20	
Caprolactam	9.928493E-02	19.89658	7.230286	8.179064E-02			SPCC (0.01)	
Carbazole	1.085278	8.877286	11.22443	2.166945E-02			SPCC (0.01)	
Chrysene	1.166018	8.164338	16.46529	2.790309E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.100748	18.26794	21.70171	3.474515E-02			SPCC (0.4)	
Dibenzofuran	1.54508	6.830271	8.843857	3.021235E-02			SPCC (0.8)	
Diethyl phthalate	1.236208	8.727156	9.154715	2.633584E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SA60013
Instrument: BNA#2
Calibration Date: 01/07/26 01:14

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Dimethyl phthalate	1.221596	7.828449	8.278143	4.015422E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.234798	11.84275	11.96086	2.357295E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.336872	17.09568	17.97143	8.867299E-03			SPCC (0.01)	
Diphenylamine	0.5515347	8.793937	9.454429	1.770022E-02			20	
Fluoranthene	1.151969	10.48102	13.19271	7.829234E-03			SPCC (0.6)	
Fluorene	1.311487	8.877444	9.310286	1.644959E-02			SPCC (0.9)	
Hexachlorobenzene	8.541618E-02	7.695892	10.28371	2.085056E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1244137	4.531852	7.030143	4.126186E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.2349626	15.52732	7.685857	3.603346E-02			SPCC (0.05)	
Hexachloroethane	0.5189769	7.371125	6.321714	3.652513E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	1.336565	17.60538	21.671	3.945462E-02			SPCC (0.5)	
Isophorone	0.6367795	4.684607	6.536286	3.243801E-02			SPCC (0.4)	
Naphthalene	0.9640537	3.889413	6.91	1.866074E-02			SPCC (0.7)	
Nitrobenzene	0.3166827	7.152143	6.383	1.147449E-02			SPCC (0.2)	
N-Nitrosodimethylamine	0.9439944	8.260406	4.129	1.972561E-02			20	
N-nitroso-di-n-propylamine	1.167537	9.334038	6.250714	3.042513E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.2059317	8.980328	9.454429	1.770022E-02			SPCC (0.01)	
Parathion	7.914923E-02	43.62107	12.35271	2.513148E-02			20	*
Pentachloronitrobenzene	6.008483E-02	23.72614	10.71929	2.946608E-02			20	*
Pentachlorophenol	0.1020071	33.62386	10.58157	6.485694E-02			SPCC (0.05)	*
Phenanthrene	1.095843	7.711214	10.84871	1.223182E-02			SPCC (0.7)	
Phenol	1.725088	9.571273	5.714714	3.601509E-02			SPCC (0.8)	
Pyrene	1.304361	8.469282	13.67243	7.219111E-03			SPCC (0.6)	
Pyridine	1.295286	18.73717	4.139428	0.214838			20	
SURR: 2,4,6-Tribromophenol	9.569285E-02	15.62165	9.697143	2.762565E-02			20	
SURR: 2-Fluorobiphenyl	1.211157	7.70288	7.83	4.789445E-03			20	
SURR: 2-Fluorophenol	1.247089	7.660592	5.097	5.720724E-03			20	
SURR: Nitrobenzene-d5	0.2993879	7.445404	6.369571	1.791527E-02			20	
SURR: Phenol-d6	1.679444	9.615287	5.707	4.517239E-02			20	
SURR: Terphenyl-d14	1.011132	8.195039	14.03843	1.405376E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SA60037
Instrument: BNA7
Calibration Date: 01/28/26 00:16

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.661791	8.559767	6.846571	4.730002E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4985413	11.33736	6.601571	5.236858E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.3533893	10.89222	5.786714	0.0532159			20	
1,2-Dichlorobenzene	1.7967	8.476993	4.947857	4.367265E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	1.371247	9.933897	8.331285	6.613392E-02			20	
1,3-Dichlorobenzene	1.823033	7.46075	4.749	1.213356E-02			20	
1,4-Dichlorobenzene	1.856792	8.014778	4.791714	5.985983E-02			20	
1-Methylnaphthalene	0.7335616	10.15596	6.513714	4.034763E-02			20	
2,3,4,6-Tetrachlorophenol	0.1678065	4.517582	7.910375	3.995586E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.4171089	7.59477	6.759875	0.0397399			SPCC (0.2)	
2,4,6-Trichlorophenol	0.4008466	6.264463	6.707	0.0474932			SPCC (0.2)	
2,4-Dichlorophenol	0.342008	9.030443	5.7345	5.398816E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.329697	9.767513	5.571125	4.956258E-02			SPCC (0.2)	
2,4-Dinitrophenol	0.1453365	32.21741	7.568	5.872662E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.4714234	4.818731	7.739	9.009562E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.3458795	4.775404	7.289428	6.412443E-02			SPCC (0.2)	
2-Chloronaphthalene	1.294259	8.97138	6.868714	4.140189E-02			SPCC (0.8)	
2-Chlorophenol	1.707872	7.585754	4.644625	0.0114574			SPCC (0.8)	
2-Methylnaphthalene	0.8648322	10.2514	6.413857	6.615239E-02			SPCC (0.4)	
2-Methylphenol	1.301409	8.469507	5.03625	0.0638438			SPCC (0.7)	
2-Nitroaniline	0.4795496	5.807419	7.018857	6.008813E-02			SPCC (0.01)	
2-Nitrophenol	0.2262201	6.79411	5.533375	0.0483761			SPCC (0.1)	
3- & 4-Methylphenols	2.042864	8.616395	5.154	0.0622928			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5371581	10.74637	14.12114	5.148549E-02			SPCC (0.01)	
3-Nitroaniline	0.4093226	5.916464	7.466	6.636646E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	0.1921117	19.25712	8.2675	0.0936007			SPCC (0.01)	
4-Bromophenyl phenyl ether	0.3419687	7.019354	8.816857	4.511192E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3858382	9.338282	6.32225	0.0500402			SPCC (0.2)	
4-Chloroaniline	0.501038	12.64208	5.903571	5.359974E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SA60037
Instrument: BNA7
Calibration Date: 01/28/26 00:16

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorophenyl phenyl ether	0.7538335	8.56761	8.115429	5.619392E-02			SPCC (0.4)	
4-Nitroaniline	0.4299089	5.487527	8.243429	0.1111344			SPCC (0.01)	
4-Nitrophenol	0.3138076	5.650524	7.673	5.753848E-02			SPCC (0.01)	
Acenaphthene	1.307142	8.404818	7.513857	0.0537343			SPCC (0.9)	
Acenaphthylene	2.174593	8.66699	7.309	6.688012E-02			SPCC (0.9)	
Acetophenone	2.215676	10.33251	5.129	5.318639E-02			SPCC (0.01)	
Alpha Terpineol	0.3317678	12.26228	5.820857	7.214802E-02			20	
Aniline	2.008052	8.405367	4.552286	4.657217E-02			SPCC ()	
Anthracene	1.205881	8.562798	9.559286	5.749584E-02			SPCC (0.7)	
Atrazine	0.31956	11.15352	9.144571	8.326025E-02			SPCC (0.01)	
Benzaldehyde	1.149783	11.97869	4.430714	6.234896E-02			SPCC (0.01)	
Benzidine	0.5459955	16.31693	11.53729	5.004421E-02			20	
Benzo(a)anthracene	1.562731	7.655104	14.043	5.081032E-02			SPCC (0.8)	
Benzo(a)pyrene	1.405332	5.975332	16.94371	6.860264E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.477615	5.52425	16.31457	6.191824E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	1.29821	5.160523	19.433	7.803714E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.492493	7.714312	16.36286	6.901307E-02			SPCC (0.7)	
Benzoic acid	0.311249	11.42262	5.679429	0.3120168			20	
Benzyl alcohol	1.22906	8.088749	4.920572	9.504503E-02			20	
Benzyl butyl phthalate	0.7816948	5.892326	13.09886	5.444018E-02			20	
Bis(2-chloroethoxy)methane	0.4964869	11.6035	5.629714	0.0520449			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.676673	8.097392	4.593714	6.443145E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	2.286137	10.83341	5.032571	5.714222E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	1.046924	6.469146	14.44029	3.824761E-02			20	
Caprolactam	1.147703E-02	12.25493	6.321714	4.686445E-02			SPCC (0.01)	
Carbazole	1.234965	8.496338	9.780286	5.772765E-02			SPCC (0.01)	
Chrysene	1.510821	9.353467	14.13543	6.866421E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.299606	5.791484	19.05486	6.641865E-02			SPCC (0.4)	
Dibenzofuran	1.923811	8.643233	7.695571	4.426835E-02			SPCC (0.8)	
Diethyl phthalate	1.539356	9.192823	8.022429	8.370197E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SA60037
Instrument: BNA7
Calibration Date: 01/28/26 00:16

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Dimethyl phthalate	1.519105	9.223359	7.197286	7.973494E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.376866	7.751148	10.33229	4.041886E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.826695	5.129747	15.76286	4.776465E-02			SPCC (0.01)	
Diphenylamine	0.9978658	8.406407	8.293857	7.888468E-02			20	
Fluoranthene	1.378762	7.515835	11.24029	5.026622E-02			SPCC (0.6)	
Fluorene	1.6351	8.575515	8.133428	6.868127E-02			SPCC (0.9)	
Hexachlorobenzene	0.1502909	8.883864	9.058572	5.856949E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1842798	8.623332	5.973572	5.555724E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.3034208	5.327561	6.612714	4.566448E-02			SPCC (0.05)	
Hexachloroethane	0.7123281	7.752982	5.195286	5.931892E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	1.27772	4.092208	19.00657	7.431028E-02			SPCC (0.5)	
Isophorone	0.8061365	11.13025	5.453	9.040998E-02			SPCC (0.4)	
Naphthalene	1.216557	11.14534	5.838714	5.060435E-02			SPCC (0.7)	
Nitrobenzene	0.4185472	10.3413	5.274714	5.845858E-02			SPCC (0.2)	
N-Nitrosodimethylamine	0.7847659	7.01308	2.562	0.135333			20	
N-nitroso-di-n-propylamine	1.32469	9.579866	5.147571	9.285256E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.3341429	8.720326	8.293857	7.888468E-02			SPCC (0.01)	
Parathion	0.1613992	4.029122	10.61814	5.407185E-02			20	
Pentachloronitrobenzene	9.517286E-02	5.455877	9.428714	5.061317E-02			20	
Pentachlorophenol	0.1599093	17.7026	9.33625	3.511012E-02			SPCC (0.05)	
Phenanthrene	1.328638	10.55001	9.506429	5.970243E-02			SPCC (0.7)	
Phenol	2.246878	7.789051	4.56375	8.388645E-02			SPCC (0.8)	
Pyrene	1.775711	9.320021	11.62857	6.566896E-02			SPCC (0.6)	
Pyridine	1.168394	10.75623	2.556714	0.2394149			20	
SURR: 2,4,6-Tribromophenol	0.1389265	4.131461	8.507875	5.534891E-02			20	
SURR: 2-Fluorobiphenyl	1.474292	9.726816	6.759125	4.221457E-02			20	
SURR: 2-Fluorophenol	1.409836	7.398822	3.76075	5.667272E-02			20	
SURR: Nitrobenzene-d5	0.4205508	9.338315	5.25875	6.117983E-02			20	
SURR: Phenol-d6	2.030584	7.503404	4.55275	5.737098E-02			20	
SURR: Terphenyl-d14	1.238349	7.896299	11.98775	5.687416E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SL50026
Instrument: BNA #1
Calibration Date: 12/09/25 00:55

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.6315016	12.29159	7.814714	3.785944E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4362059	10.82838	7.54	0.0158372			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.3105284	14.5215	6.605857	0.0399896			20	
1,2-Dichlorobenzene	1.612836	13.28777	5.715	2.264707E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.9394052	12.63367	9.464714	1.927503E-02			20	
1,3-Dichlorobenzene	1.665292	12.51223	5.512	1.038323E-03			20	
1,4-Dichlorobenzene	1.673688	13.01577	5.552286	1.208205E-02			20	
1-Methylnaphthalene	0.6581882	14.66182	7.441	4.367932E-03			20	
2,3,4,6-Tetrachlorophenol	0.1420675	6.919763	9.034	2.258009E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3976594	10.75676	7.684375	2.020898E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3687061	9.922667	7.639	9.47731E-03			SPCC (0.2)	
2,4-Dichlorophenol	0.2995677	13.64623	6.52375	3.342124E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.3404789	15.20643	6.324	0.0610702			SPCC (0.2)	
2,4-Dinitrophenol	0.1022841	27.86257	8.639625	2.915642E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.434031	7.08154	8.840286	5.021494E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.322871	9.271201	8.313857	2.774892E-02			SPCC (0.2)	
2-Chloronaphthalene	1.240839	12.69701	7.854	0.0102459			SPCC (0.8)	
2-Chlorophenol	1.559473	12.95426	5.39	1.620064E-02			SPCC (0.8)	
2-Methylnaphthalene	0.7774506	14.22545	7.325	1.883059E-02			SPCC (0.4)	
2-Methylphenol	1.252815	13.29657	5.7545	4.284979E-02			SPCC (0.7)	
2-Nitroaniline	0.4473608	9.20883	7.999857	2.433827E-02			SPCC (0.01)	
2-Nitrophenol	0.1964464	11.76963	6.325875	0.034309			SPCC (0.1)	
3- & 4-Methylphenols	1.904183	11.93895	5.86975	7.415139E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.4151949	14.97132	15.29786	3.794385E-02			SPCC (0.01)	
3-Nitroaniline	0.4032028	8.368574	8.510857	4.314036E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	9.998561E-02	26.49594	9.411875	3.784588E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2282136	10.74689	9.823143	2.924491E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.338593	11.12889	7.14725	4.575325E-02			SPCC (0.2)	
4-Chloroaniline	0.4665492	14.68813	6.727	3.523088E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SL50026
Instrument: BNA #1
Calibration Date: 12/09/25 00:55

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorophenyl phenyl ether	0.6767442	12.36705	9.269429	3.645398E-02			SPCC (0.4)	
4-Nitroaniline	0.4105501	8.974477	9.373286	5.815337E-02			SPCC (0.01)	
4-Nitrophenol	0.2716682	6.899999	8.671125	7.013541E-02			SPCC (0.01)	
Acenaphthene	1.32733	12.23213	8.602857	0.0243489			SPCC (0.9)	
Acenaphthylene	2.04391	12.21112	8.366714	3.487777E-02			SPCC (0.9)	
Acetophenone	1.938893	10.6236	5.892143	4.975674E-02			SPCC (0.01)	
Alpha Terpineol	0.2791725	13.36058	6.631	4.459828E-02			20	
Aniline	2.142311	11.76251	5.295286	5.641495E-02			SPCC ()	
Anthracene	1.260138	11.68161	10.47829	4.047573E-02			SPCC (0.7)	
Atrazine	0.1918704	9.926975	10.03043	4.832161E-02			SPCC (0.01)	
Benzaldehyde	1.025805	13.00604	5.180571	9.297309E-03			SPCC (0.01)	
Benzidine	0.4953127	16.82653	12.608	2.344349E-02			20	
Benzo(a)anthracene	1.38409	9.842465	15.25957	3.835679E-02			SPCC (0.8)	
Benzo(a)pyrene	1.366598	11.1961	18.22586	5.731882E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.387784	9.406781	17.57829	0.0585198			SPCC (0.7)	
Benzo(g,h,i)perylene	1.150767	9.279011	20.80957	7.711256E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.430207	12.71854	17.628	6.336358E-02			SPCC (0.7)	
Benzoic acid	0.2028896	28.9529	6.410714	0.3538647			20	*
Benzyl alcohol	1.078929	11.04474	5.659572	5.092998E-02			20	
Benzyl butyl phthalate	0.6841243	8.792267	14.20929	2.893726E-02			20	
Bis(2-chloroethoxy)methane	0.4386048	14.11777	6.408714	4.333124E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.550586	11.11313	5.330286	5.407339E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.892675	13.78607	5.779	1.167893E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.9519013	9.053199	15.549	6.995054E-03			20	
Caprolactam	0.1085511	13.33447	7.040286	0.2546799			SPCC (0.01)	
Carbazole	1.278416	12.0685	10.70157	3.229695E-02			SPCC (0.01)	
Chrysene	1.323211	12.06069	15.35771	5.551458E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.239462	9.834876	20.35543	7.053664E-02			SPCC (0.4)	
Dibenzofuran	1.831256	12.58653	8.809571	3.733135E-02			SPCC (0.8)	
Diethyl phthalate	1.443952	11.19483	9.142285	5.230949E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SL50026
Instrument: BNA #1
Calibration Date: 12/09/25 00:55

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Dimethyl phthalate	1.448462	11.5291	8.198714	3.714196E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.457952	9.561639	11.27786	2.010209E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.642267	8.243318	16.88671	3.601837E-02			SPCC (0.01)	
Diphenylamine	0.732172	12.88934	9.426429	5.135624E-02			20	
Fluoranthene	1.332067	10.24951	12.32814	4.208705E-02			SPCC (0.6)	
Fluorene	1.499119	12.05728	9.304429	3.425985E-02			SPCC (0.9)	
Hexachlorobenzene	9.615812E-02	11.36604	10.01171	2.780372E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1585867	14.69637	6.814	1.905549E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.3000182	11.15903	7.546	7.490948E-03			SPCC (0.05)	
Hexachloroethane	0.6039352	13.05423	5.971857	3.928501E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	1.186125	12.00017	20.32129	6.352449E-02			SPCC (0.5)	
Isophorone	0.7221609	13.49291	6.233714	4.632535E-02			SPCC (0.4)	
Naphthalene	1.094574	15.42436	6.671429	5.000026E-02			SPCC (0.7)	
Nitrobenzene	0.3778076	15.10735	6.047143	3.435946E-02			SPCC (0.2)	
N-Nitrosodimethylamine	0.9414367	12.10491	3.316714	8.767243E-02			20	
N-nitroso-di-n-propylamine	1.184175	12.57843	5.901	5.747871E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.2313914	11.9724	9.425572	3.493902E-02			SPCC (0.01)	
Parathion	0.150044	15.09232	11.60371	3.377782E-02			20	
Pentachloronitrobenzene	8.538355E-02	9.528153	10.324	3.448445E-02			20	
Pentachlorophenol	0.1443147	10.46228	10.2205	2.497116E-02			SPCC (0.05)	
Phenanthrene	1.242005	13.19741	10.42186	3.857519E-02			SPCC (0.7)	
Phenol	1.97131	12.0505	5.2545	7.997782E-02			SPCC (0.8)	
Pyrene	1.379139	12.28264	12.75129	4.152206E-02			SPCC (0.6)	
Pyridine	1.462611	15.49359	3.323429	0.131427			20	
SURR: 2,4,6-Tribromophenol	0.113777	9.565133	9.60375	2.796175E-02			20	
SURR: 2-Fluorobiphenyl	1.441712	13.89523	7.709375	2.649212E-02			20	
SURR: 2-Fluorophenol	1.420743	11.85215	4.4715	1.737173E-02			20	
SURR: Nitrobenzene-d5	0.3763537	14.67417	6.03425	3.335182E-02			20	
SURR: Phenol-d6	1.907715	11.65033	5.245	6.640094E-02			20	
SURR: Terphenyl-d14	1.092148	13.10775	13.08775	2.783784E-02			20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	BNA #1	Calibration:	SL50026
Lab File ID:	BNA1-038693.D	Calibration Date:	12/09/25 00:55
Sequence:	S6B0609	Injection Date:	02/05/26
Lab Sample ID:	S6B0609-CCV1	Injection Time:	20:15

COMPOUND	TYPE	CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	26.4	0.6315016	0.5546172	0.01	-12.2	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	32.0	0.4362059	0.4648903	0.01	6.6	20	
1,2,4-Trichlorobenzene	A	30.0	28.0	0.3105284	0.2903057		-6.5	20	
1,2-Dichlorobenzene	A	30.0	25.0	1.612836	1.344414		-16.6	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	31.5	0.9394052	0.9868665		5.1	20	
1,3-Dichlorobenzene	A	30.0	24.9	1.665292	1.383306		-16.9	20	
1,4-Dichlorobenzene	A	30.0	27.0	1.673688	1.507117		-10.0	20	
1-Methylnaphthalene	A	30.0	29.4	0.6581882	0.6438872		-2.2	20	
2,3,4,6-Tetrachlorophenol	A	30.0	34.7	0.1420675	0.1642988	0.01	15.6	20	
2,4,5-Trichlorophenol	A	30.0	27.5	0.3976594	0.3647808	0.2	-8.3	20	
2,4,6-Trichlorophenol	A	30.0	25.8	0.3687061	0.3168375	0.2	-14.1	20	
2,4-Dichlorophenol	A	30.0	29.7	0.2995677	0.2963285	0.2	-1.1	20	
2,4-Dimethylphenol	A	30.0	24.6	0.3404789	0.2787633	0.2	-18.1	20	
2,4-Dinitrophenol	A	30.0	28.5	0.1022841	9.732331E-02	0.01	-4.9	20	
2,4-Dinitrotoluene	A	30.0	30.7	0.434031	0.4441008	0.2	2.3	20	
2,6-Dinitrotoluene	A	30.0	30.4	0.322871	0.3272191	0.2	1.3	20	
2-Chloronaphthalene	A	30.0	25.3	1.240839	1.047647	0.8	-15.6	20	
2-Chlorophenol	A	30.0	25.0	1.559473	1.300862	0.8	-16.6	20	
2-Methylnaphthalene	A	30.0	27.6	0.7774506	0.7163042	0.4	-7.9	20	
2-Methylphenol X	A	30.0	23.5	1.252815	0.9826695	0.7	-21.6	20 *	
2-Nitroaniline	A	30.0	27.4	0.4473608	0.4077983	0.01	-8.8	20	
2-Nitrophenol	A	30.0	30.5	0.1964464	0.199729	0.1	1.7	20	
3- & 4-Methylphenols	A	30.0	24.5	1.904183	1.556815	0.6	-18.2	20	
3,3-Dichlorobenzidine X	A	30.0	37.3	0.4151949	0.5163228	0.01	24.4	20 *	
3-Nitroaniline	A	30.0	26.8	0.4032028	0.3596182	0.01	-10.8	20	
4,6-Dinitro-2-methylphenol X	A	30.0	41.1	9.998561E-02	0.1370208	0.01	37.0	20 *	
4-Bromophenyl phenyl ether	A	30.0	31.7	0.2282136	0.2412985	0.1	5.7	20	
4-Chloro-3-methylphenol	A	30.0	32.1	0.338593	0.3625924	0.2	7.1	20	
4-Chloroaniline	A	30.0	25.9	0.4665492	0.4023748	0.01	-13.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	BNA #1	Calibration:	SL50026
Lab File ID:	BNA1-038693.D	Calibration Date:	12/09/25 00:55
Sequence:	S6B0609	Injection Date:	02/05/26
Lab Sample ID:	S6B0609-CCV1	Injection Time:	20:15

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
4-Chlorophenyl phenyl ether	A	30.0	28.4	0.6767442	0.641511	0.4	-5.2	20	
4-Nitroaniline	A	30.0	27.6	0.4105501	0.3776506	0.01	-8.0	20	
4-Nitrophenol X	A	30.0	57.0	0.2716682	0.516268	0.01	90.0	20 *	
Acenaphthene	A	30.0	24.2	1.32733	1.069135	0.9	-19.5	20	
Acenaphthylene	A	30.0	26.4	2.04391	1.796117	0.9	-12.1	20	
Acetophenone	A	30.0	31.7	1.938893	2.051122	0.01	5.8	20	
Alpha Terpineol	A	30.0	28.6	0.2791725	0.2660481		-4.7	20	
Aniline	A	30.0	21.4	2.142311	1.529849		-28.6	20 *	
Anthracene	A	30.0	24.3	1.260138	1.021704	0.7	-18.9	20	
Atrazine X	A	30.0	37.8	0.1918704	0.2415524	0.01	25.9	20 *	
Benzaldehyde	A	30.0	26.3	1.025805	0.9007136	0.01	-12.2	20	
Benzidine	A	30.0	35.2	0.4953127	0.5805603		17.2	20	
Benzo(a)anthracene	A	30.0	28.7	1.38409	1.32407	0.8	-4.3	20	
Benzo(a)pyrene X	A	30.0	23.5	1.366598	1.070365	0.7	-21.7	20 *	
Benzo(b)fluoranthene	A	30.0	24.2	1.387784	1.117694	0.7	-19.5	20	
Benzo(g,h,i)perylene	A	30.0	26.7	1.150767	1.022959	0.5	-11.1	20	
Benzo(k)fluoranthene X	A	30.0	22.5	1.430207	1.074769	0.7	-24.9	20 *	
Benzoic acid	A	30.0	24.4	0.2028896	0.164972		-18.7	20	
Benzyl alcohol	A	30.0	25.1	1.078929	0.9036645		-16.2	20	
Benzyl butyl phthalate	A	30.0	34.6	0.6841243	0.7877816		15.2	20	
Bis(2-chloroethoxy)methane	A	30.0	24.9	0.4386048	0.3638547	0.3	-17.0	20	
Bis(2-chloroethyl)ether	A	30.0	26.7	1.550586	1.379654	0.7	-11.0	20	
Bis(2-chloroisopropyl)ether X	A	30.0	21.3	1.892675	1.34527	0.01	-28.9	20 *	
Bis(2-ethylhexyl)phthalate	A	30.0	28.0	0.9519013	0.8872021		-6.8	20	
Caprolactam	A	30.0	35.7	0.1085511	0.1293342	0.01	19.1	20	
Carbazole	A	30.0	26.0	1.278416	1.108821	0.01	-13.3	20	
Chrysene	A	30.0	27.9	1.323211	1.230915	0.7	-7.0	20	
Dibenzo(a,h)anthracene	A	30.0	26.8	1.239462	1.105527	0.4	-10.8	20	
Dibenzofuran	A	30.0	26.2	1.831256	1.599879	0.8	-12.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	BNA #1	Calibration:	SL50026
Lab File ID:	BNA1-038693.D	Calibration Date:	12/09/25 00:55
Sequence:	S6B0609	Injection Date:	02/05/26
Lab Sample ID:	S6B0609-CCV1	Injection Time:	20:15

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Diethyl phthalate	A	30.0	31.0	1.443952	1.490821	0.01	3.2	20	
Dimethyl phthalate	A	30.0	28.6	1.448462	1.380442	0.01	-4.7	20	
Di-n-butyl phthalate	A	30.0	28.8	1.457952	1.402009	0.01	-3.8	20	
Di-n-octyl phthalate	A	30.0	27.1	1.642267	1.481646	0.01	-9.8	20	
Diphenylamine	A	30.0	25.4	0.732172	0.6189513		-15.5	20	
Fluoranthene	A	30.0	27.7	1.332067	1.231249	0.6	-7.6	20	
Fluorene	A	30.0	27.3	1.499119	1.362916	0.9	-9.1	20	
Hexachlorobenzene X	A	30.0	41.7	9.615812E-02	0.1335822	0.1	38.9	20 *	
Hexachlorobutadiene X	A	30.0	38.1	0.1585867	0.2015401	0.01	27.1	20 *	
Hexachlorocyclopentadiene X	A	30.0	11.9	0.3000182	0.1191238	0.05	-60.3	20 *	
Hexachloroethane	A	30.0	29.7	0.6039352	0.5980563	0.3	-1.0	20	
Indeno(1,2,3-cd)pyrene	A	30.0	33.2	1.186125	1.3115	0.5	10.6	20	
Isophorone	A	30.0	28.5	0.7221609	0.6854725	0.4	-5.1	20	
Naphthalene	A	30.0	25.8	1.094574	0.9407043	0.7	-14.1	20	
Nitrobenzene	A	30.0	31.1	0.3778076	0.3913624	0.2	3.6	20	
N-Nitrosodimethylamine	A	30.0	16.6	0.9414367	0.5222902		-44.5	20 *	
N-nitroso-di-n-propylamine	A	30.0	27.7	1.184175	1.092776	0.5	-7.7	20	
N-Nitrosodiphenylamine	A	30.0	28.2	0.2313914	0.2171526	0.01	-6.2	20	
Parathion	A	30.0	38.3	0.150044	0.1913521		27.5	20 *	
Pentachloronitrobenzene	A	30.0	46.8	8.538355E-02	0.1331569		56.0	20 *	
Pentachlorophenol X	A	30.0	11.0	0.1443147	0.0529329	0.05	-63.3	20 *	
Phenanthrene	A	30.0	26.7	1.242005	1.104942	0.7	-11.0	20	
Phenol	A	30.0	24.6	1.97131	1.614846	0.8	-18.1	20	
Pyrene	A	30.0	29.0	1.379139	1.334548	0.6	-3.2	20	
Pyridine	A	30.0	17.8	1.462611	0.8668499		-40.7	20 *	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	BNA7	Calibration:	SA60037
Lab File ID:	E70362264.D	Calibration Date:	01/28/26 00:16
Sequence:	S6B0902	Injection Date:	02/07/26
Lab Sample ID:	S6B0902-CCV1	Injection Time:	13:58

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1-Biphenyl	A	30.0	24.7	0.661791	0.544945	0.01	-17.7	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	28.0	0.4985413	0.4654181	0.01	-6.6	20	
1,2,4-Trichlorobenzene	A	30.0	25.0	0.3533893	0.2947273		-16.6	20	
1,2-Dichlorobenzene	A	30.0	24.7	1.7967	1.478651		-17.7	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	22.3	1.371247	1.01866		-25.7	20 *	
1,3-Dichlorobenzene	A	30.0	25.1	1.823033	1.526554		-16.3	20	
1,4-Dichlorobenzene	A	30.0	25.0	1.856792	1.549866		-16.5	20	
2,3,4,6-Tetrachlorophenol	A	30.0	25.0	0.1678065	0.1398192	0.01	-16.7	20	
2,4,5-Trichlorophenol	A	30.0	26.1	0.4171089	0.3623436	0.2	-13.1	20	
2,4,6-Trichlorophenol	A	30.0	25.2	0.4008466	0.3364712	0.2	-16.1	20	
2,4-Dichlorophenol	A	30.0	25.4	0.342008	0.2889462	0.2	-15.5	20	
2,4-Dimethylphenol	A	30.0	25.3	0.329697	0.277835	0.2	-15.7	20	
2,4-Dinitrophenol X	A	30.0	39.9	0.1453365	0.1933762	0.01	33.1	20 *	
2,4-Dinitrotoluene	A	30.0	26.5	0.4714234	0.4170175	0.2	-11.5	20	
2,6-Dinitrotoluene	A	30.0	26.9	0.3458795	0.309806	0.2	-10.4	20	
2-Chloronaphthalene	A	30.0	24.9	1.294259	1.075912	0.8	-16.9	20	
2-Chlorophenol	A	30.0	24.8	1.707872	1.413521	0.8	-17.2	20	
2-Methylnaphthalene	A	30.0	25.0	0.8648322	0.719228	0.4	-16.8	20	
2-Methylphenol	A	30.0	24.1	1.301409	1.044282	0.7	-19.8	20	
2-Nitroaniline	A	30.0	26.5	0.4795496	0.423437	0.01	-11.7	20	
2-Nitrophenol	A	30.0	26.3	0.2262201	0.198176	0.1	-12.4	20	
3- & 4-Methylphenols	A	30.0	24.0	2.042864	1.633895	0.6	-20.0	20	
3,3-Dichlorobenzidine	A	30.0	25.7	0.5371581	0.4597984	0.01	-14.4	20	
3-Nitroaniline	A	30.0	27.0	0.4093226	0.3681721	0.01	-10.1	20	
4,6-Dinitro-2-methylphenol	A	30.0	33.0	0.1921117	0.2112561	0.01	10.0	20	
4-Bromophenyl phenyl ether	A	30.0	25.1	0.3419687	0.2858202	0.1	-16.4	20	
4-Chloro-3-methylphenol	A	30.0	24.3	0.3858382	0.312341	0.2	-19.0	20	
4-Chloroaniline	A	30.0	25.1	0.501038	0.4187115	0.01	-16.4	20	
4-Chlorophenyl phenyl ether	A	30.0	25.8	0.7538335	0.6480576	0.4	-14.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	BNA7	Calibration:	SA60037
Lab File ID:	E70362264.D	Calibration Date:	01/28/26 00:16
Sequence:	S6B0902	Injection Date:	02/07/26
Lab Sample ID:	S6B0902-CCV1	Injection Time:	13:58

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
4-Nitroaniline	A	30.0	26.4	0.4299089	0.3782644	0.01	-12.0	20	
4-Nitrophenol X	A	30.0	23.6	0.3138076	0.2466502	0.01	-21.4	20 *	
Acenaphthene	A	30.0	25.3	1.307142	1.101312	0.9	-15.7	20	
Acenaphthylene	A	30.0	25.1	2.174593	1.817836	0.9	-16.4	20	
Acetophenone	A	30.0	26.1	2.215676	1.929827	0.01	-12.9	20	
Aniline	A	30.0	25.1	2.008052	1.678035		-16.4	20	
Anthracene	A	30.0	25.7	1.205881	1.03229	0.7	-14.4	20	
Atrazine	A	30.0	28.0	0.31956	0.2977667	0.01	-6.8	20	
Benzaldehyde	A	30.0	27.2	1.149783	1.040542	0.01	-9.5	20	
Benzidine	A	30.0	31.6	0.5459955	0.5753298		5.4	20	
Benzo(a)anthracene	A	30.0	25.4	1.562731	1.322589	0.8	-15.4	20	
Benzo(a)pyrene	A	30.0	26.3	1.405332	1.232431	0.7	-12.3	20	
Benzo(b)fluoranthene	A	30.0	26.4	1.477615	1.300929	0.7	-12.0	20	
Benzo(g,h,i)perylene	A	30.0	26.0	1.29821	1.123878	0.5	-13.4	20	
Benzo(k)fluoranthene	A	30.0	25.2	1.492493	1.254495	0.7	-15.9	20	
Benzoic acid	A	30.0	25.4	0.311249	0.2631119		-15.5	20	
Benzyl alcohol	A	30.0	24.4	1.22906	0.9987421		-18.7	20	
Benzyl butyl phthalate	A	30.0	25.2	0.7816948	0.6572932		-15.9	20	
Bis(2-chloroethoxy)methane	A	30.0	24.2	0.4964869	0.3996453	0.3	-19.5	20	
Bis(2-chloroethyl)ether	A	30.0	24.0	1.676673	1.352065	0.7	-19.4	20	
Bis(2-chloroisopropyl)ether X	A	30.0	22.2	2.286137	1.693735	0.01	-25.9	20 *	
Bis(2-ethylhexyl)phthalate	A	30.0	25.0	1.046924	0.8708179		-16.8	20	
Caprolactam X	A	30.0	23.0	1.147703E-02	8.810367E-03	0.01	-23.2	20 *	
Carbazole	A	30.0	26.3	1.234965	1.08191	0.01	-12.4	20	
Chrysene	A	30.0	25.3	1.510821	1.273106	0.7	-15.7	20	
Dibenzo(a,h)anthracene	A	30.0	26.6	1.299606	1.152637	0.4	-11.3	20	
Dibenzofuran	A	30.0	25.1	1.923811	1.611764	0.8	-16.2	20	
Diethyl phthalate	A	30.0	24.6	1.539356	1.264665	0.01	-17.8	20	
Dimethyl phthalate	A	30.0	25.2	1.519105	1.275251	0.01	-16.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	BNA7	Calibration:	SA60037
Lab File ID:	E70362264.D	Calibration Date:	01/28/26 00:16
Sequence:	S6B0902	Injection Date:	02/07/26
Lab Sample ID:	S6B0902-CCV1	Injection Time:	13:58

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Di-n-butyl phthalate	A	30.0	25.7	1.376866	1.181391	0.01	-14.2	20	
Di-n-octyl phthalate	A	30.0	25.7	1.826695	1.565744	0.01	-14.3	20	
Fluoranthene	A	30.0	26.2	1.378762	1.202354	0.6	-12.8	20	
Fluorene	A	30.0	25.2	1.6351	1.37623	0.9	-15.8	20	
Hexachlorobenzene X	A	30.0	22.6	0.1502909	0.1133467	0.1	-24.6	20 *	
Hexachlorobutadiene	A	30.0	25.2	0.1842798	0.1548077	0.01	-16.0	20	
Hexachlorocyclopentadiene	A	30.0	28.9	0.3034208	0.2922881	0.05	-3.7	20	
Hexachloroethane	A	30.0	24.2	0.7123281	0.5755683	0.3	-19.2	20	
Indeno(1,2,3-cd)pyrene	A	30.0	27.7	1.27772	1.178482	0.5	-7.8	20	
Isophorone X	A	30.0	23.9	0.8061365	0.6421466	0.4	-20.3	20 *	
Naphthalene	A	30.0	24.4	1.216557	0.9914766	0.7	-18.5	20	
Nitrobenzene X	A	30.0	23.8	0.4185472	0.3325082	0.2	-20.6	20 *	
N-Nitrosodimethylamine	A	30.0	26.2	0.7847659	0.685446		-12.7	20	
N-nitroso-di-n-propylamine X	A	30.0	22.5	1.32469	0.9939639	0.5	-25.0	20 *	
N-Nitrosodiphenylamine X	A	30.0	23.7	0.3341429	0.264459	0.01	-20.9	20 *	
Pentachlorophenol	A	30.0	28.0	0.1599093	0.1492453	0.05	-6.7	20	
Phenanthrene	A	30.0	24.6	1.328638	1.091836	0.7	-17.8	20	
Phenol	A	30.0	24.0	2.246878	1.798751	0.8	-19.9	20	
Pyrene	A	30.0	24.6	1.775711	1.454881	0.6	-18.1	20	
Pyridine	A	30.0	30.6	1.168394	1.193553		2.2	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	BNA#2	Calibration:	SA60013
Lab File ID:	E20029772.D	Calibration Date:	01/07/26 01:14
Sequence:	S6B1014	Injection Date:	02/10/26
Lab Sample ID:	S6B1014-CCV1	Injection Time:	09:11

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1-Biphenyl	A	30.0	29.5	0.5808426	0.5705575	0.01	-1.8	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	30.5	0.4176959	0.4250562	0.01	1.8	20	
1,2,4-Trichlorobenzene	A	30.0	29.4	0.2579024	0.2527945		-2.0	20	
1,2-Dichlorobenzene	A	30.0	31.0	1.436064	1.484232		3.4	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	30.2	0.7724487	0.7789481		0.8	20	
1,3-Dichlorobenzene	A	30.0	29.6	1.503822	1.485676		-1.2	20	
1,4-Dichlorobenzene	A	30.0	30.4	1.555555	1.576197		1.3	20	
2,3,4,6-Tetrachlorophenol X	A	30.0	43.0	0.1056646	0.1514344	0.01	43.3	20 *	
2,4,5-Trichlorophenol	A	30.0	33.1	0.3125337	0.344687	0.2	10.3	20	
2,4,6-Trichlorophenol	A	30.0	32.5	0.2901933	0.3145874	0.2	8.4	20	
2,4-Dichlorophenol	A	30.0	32.5	0.2342225	0.253459	0.2	8.2	20	
2,4-Dimethylphenol	A	30.0	31.1	0.2595838	0.2691332	0.2	3.7	20	
2,4-Dinitrophenol X	A	30.0	5.24	0.0544627	9.504018E-03	0.01	-82.5	20 *	
2,4-Dinitrotoluene	A	30.0	35.4	0.2820474	0.3326335	0.2	17.9	20	
2,6-Dinitrotoluene	A	30.0	36.0	0.2174393	0.2606916	0.2	19.9	20	
2-Chloronaphthalene	A	30.0	29.9	1.059533	1.057091	0.8	-0.2	20	
2-Chlorophenol	A	30.0	33.1	1.296005	1.428329	0.8	10.2	20	
2-Methylnaphthalene	A	30.0	29.7	0.6598187	0.6538641	0.4	-0.9	20	
2-Methylphenol	A	30.0	30.5	1.114738	1.132413	0.7	1.6	20	
2-Nitroaniline X	A	30.0	37.3	0.322748	0.4012926	0.01	24.3	20 *	
2-Nitrophenol	A	30.0	34.4	0.136364	0.1563365	0.1	14.6	20	
3- & 4-Methylphenols	A	30.0	32.0	1.676159	1.789405	0.6	6.8	20	
3,3-Dichlorobenzidine	A	30.0	34.3	0.4800122	0.5488088	0.01	14.3	20	
3-Nitroaniline	A	30.0	35.8	0.2979134	0.3559304	0.01	19.5	20	
4,6-Dinitro-2-methylphenol X	A	30.0	9.93	5.398631E-02	0.0173141	0.01	-67.9	20 *	
4-Bromophenyl phenyl ether	A	30.0	31.3	0.1891926	0.1975948	0.1	4.4	20	
4-Chloro-3-methylphenol	A	30.0	36.0	0.2583757	0.3096566	0.2	19.8	20	
4-Chloroaniline	A	30.0	30.3	0.389056	0.3926226	0.01	0.9	20	
4-Chlorophenyl phenyl ether	A	30.0	32.2	0.5477716	0.5878432	0.4	7.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	BNA#2	Calibration:	SA60013
Lab File ID:	E20029772.D	Calibration Date:	01/07/26 01:14
Sequence:	S6B1014	Injection Date:	02/10/26
Lab Sample ID:	S6B1014-CCV1	Injection Time:	09:11

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
4-Nitroaniline	A	30.0	35.8	0.305451	0.364674	0.01	19.4	20	
4-Nitrophenol X	A	30.0	41.4	0.2110708	0.2913232	0.01	38.0	20 *	
Acenaphthene	A	30.0	28.6	1.128104	1.073669	0.9	-4.8	20	
Acenaphthylene	A	30.0	31.0	1.76805	1.829618	0.9	3.5	20	
Acetophenone	A	30.0	32.7	1.933276	2.106185	0.01	8.9	20	
Aniline	A	30.0	27.5	1.947856	1.786405		-8.3	20	
Anthracene	A	30.0	29.3	1.062712	1.037343	0.7	-2.4	20	
Atrazine	A	30.0	30.2	0.1694778	0.1707616	0.01	0.8	20	
Benzaldehyde	A	30.0	32.4	1.003515	1.083606	0.01	8.0	20	
Benzidine	A	30.0	56.4	0.4012939	0.7545768		88.0	20 *	
Benzo(a)anthracene	A	30.0	33.2	1.250862	1.38203	0.8	10.5	20	
Benzo(a)pyrene X	A	30.0	21.6	1.17523	0.8458686	0.7	-28.0	20 *	
Benzo(b)fluoranthene X	A	30.0	21.4	1.241454	0.8873545	0.7	-28.5	20 *	
Benzo(g,h,i)perylene	A	30.0	27.3	1.016903	0.9269038	0.5	-8.9	20	
Benzo(k)fluoranthene X	A	30.0	21.8	1.262104	0.9156476	0.7	-27.5	20 *	
Benzoic acid	A	30.0	29.7	0.1530269	0.129939		-15.1	20	
Benzyl alcohol	A	30.0	32.1	0.9487769	1.015132		7.0	20	
Benzyl butyl phthalate	A	30.0	39.4	0.5783684	0.7600371		31.4	20 *	
Bis(2-chloroethoxy)methane	A	30.0	28.9	0.3877751	0.3733471	0.3	-3.7	20	
Bis(2-chloroethyl)ether X	A	30.0	40.0	1.338452	1.786405	0.7	33.5	20 *	
Bis(2-chloroisopropyl)ether	A	30.0	35.8	2.606412	3.111822	0.01	19.4	20	
Bis(2-ethylhexyl)phthalate	A	30.0	26.9	0.778504	0.6980431		-10.3	20	
Caprolactam X	A	30.0	37.0	9.928493E-02	0.1224823	0.01	23.4	20 *	
Carbazole	A	30.0	31.1	1.085278	1.126476	0.01	3.8	20	
Chrysene	A	30.0	28.6	1.166018	1.111149	0.7	-4.7	20	
Dibenzo(a,h)anthracene	A	30.0	30.4	1.100748	1.1154	0.4	1.3	20	
Dibenzofuran	A	30.0	30.3	1.54508	1.560384	0.8	1.0	20	
Diethyl phthalate	A	30.0	30.6	1.236208	1.262814	0.01	2.2	20	
Dimethyl phthalate	A	30.0	29.8	1.221596	1.213573	0.01	-0.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	BNA#2	Calibration:	SA60013
Lab File ID:	E20029772.D	Calibration Date:	01/07/26 01:14
Sequence:	S6B1014	Injection Date:	02/10/26
Lab Sample ID:	S6B1014-CCV1	Injection Time:	09:11

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Di-n-butyl phthalate	A	30.0	31.4	1.234798	1.292783	0.01	4.7	20	
Di-n-octyl phthalate	A	30.0	29.8	1.336872	1.329069	0.01	-0.6	20	
Fluoranthene	A	30.0	35.4	1.151969	1.357242	0.6	17.8	20	
Fluorene	A	30.0	30.5	1.311487	1.331503	0.9	1.5	20	
Hexachlorobenzene	A	30.0	30.0	8.541618E-02	0.0852876	0.1 *	-0.2	20	
Hexachlorobutadiene	A	30.0	31.1	0.1244137	0.1291507	0.01	3.8	20	
Hexachlorocyclopentadiene X	A	30.0	8.29	0.2349626	6.492639E-02	0.05	-72.4	20 *	
Hexachloroethane	A	30.0	29.5	0.5189769	0.5106982	0.3	-1.6	20	
Indeno(1,2,3-cd)pyrene	A	30.0	29.7	1.336565	1.323108	0.5	-1.0	20	
Isophorone	A	30.0	31.2	0.6367795	0.661706	0.4	3.9	20	
Naphthalene	A	30.0	29.3	0.9640537	0.9405249	0.7	-2.4	20	
Nitrobenzene	A	30.0	31.8	0.3166827	0.3354066	0.2	5.9	20	
N-Nitrosodimethylamine	A	30.0	25.8	0.9439944	0.8124833		-13.9	20	
N-nitroso-di-n-propylamine	A	30.0	30.1	1.167537	1.172099	0.5	0.4	20	
N-Nitrosodiphenylamine	A	30.0	28.8	0.2059317	0.1978677	0.01	-3.9	20	
Pentachlorophenol	A	30.0	35.2	0.1020071	0.1196167	0.05	17.3	20	
Phenanthrene	A	30.0	28.9	1.095843	1.057294	0.7	-3.5	20	
Phenol	A	30.0	35.2	1.725088	2.026599	0.8	17.5	20	
Pyrene	A	30.0	35.9	1.304361	1.560613	0.6	19.6	20	
Pyridine	A	30.0	32.5	1.295286	1.405014		8.5	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles
Data for ALS Environmental, SDG: 26B0173

1 Field Blank
Collected February 4, 2026

Prepared by: Donald Anné
April 16, 2026

Holding Times: The sample was extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for pentachlorophenol was above the allowable maximum (20%) on 02-05-26 (E800089071.D). Positive results for pentachlorophenol should be considered estimated (J) in associated samples.

Blanks: Method blank BB60263-BLK1 contained a trace of naphthalene (0.268 ug/L). Positive results for naphthalene that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Laboratory Control Sample: The percent recovery for hexachloroethane was above QC limits for aqueous sample BB60263-BS2. Positive results for hexachloroethane should be considered estimated, biased high (J+) in in the associated aqueous samples.

The %Rs for n-nitrosodimethylamine and pentachlorophenol were below QC limits and below 30% for aqueous sample BB60263-BS2. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in in the associated aqueous samples.

Compound ID: Checked compound results were within GC quantitation limits.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E SIM

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60263	Laboratory ID:	BB60263-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.	Q
Acenaphthene	1.00	0.589	58.9	25 - 116	
Acenaphthylene	1.00	0.643	64.3	26 - 116	
Anthracene	1.00	0.537	53.7	25 - 123	
Benzo(a)anthracene	1.00	0.587	58.7	33 - 125	
Benzo(a)pyrene	1.00	0.631	63.1	32 - 132	
Benzo(b)fluoranthene	1.00	0.539	53.9	22 - 137	
Benzo(g,h,i)perylene	1.00	0.823	82.3	10 - 138	
Benzo(k)fluoranthene	1.00	0.788	78.8	20 - 137	
Bis(2-ethylhexyl)phthalate	1.00	0.819	81.9	10 - 189	
Chrysene	1.00	0.836	83.6	32 - 124	
Dibenzo(a,h)anthracene	1.00	0.847	84.7	16 - 133	
Fluoranthene	1.00	0.656	65.6	32 - 121	
Fluorene	1.00	0.600	60.0	28 - 118	
Hexachlorobenzene	1.00	0.714	71.4	23 - 124	
Hexachlorobutadiene	1.00	0.537	53.7	15 - 123	
Hexachloroethane	1.00	2.89	289 *	18 - 115	
Indeno(1,2,3-cd)pyrene	1.00	0.764	76.4	15 - 135	
Naphthalene	1.00	0.581	58.1	18 - 120	B
Nitrobenzene	1.00	0.424	42.4	21 - 121	
N-Nitrosodimethylamine	1.00	ND	0 *	10 - 124	
Pentachlorophenol	1.00	ND	0 *	10 - 156	
Phenanthrene	1.00	0.612	61.2	24 - 127	
Pyrene	1.00	0.680	68.0	31 - 132	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8270E SIM

Laboratory:	ALS Environmental - Stratford			SDG:	26B0173
Client:	Vektor Consultants			Laboratory ID:	BB60263-BLK1
Project:	24030007 32-10 38th Ave Queens NY			Calibration:	SA60022
Preparation:	EPA 3510C	Prepared:	02/05/26 08:36	File ID:	E800089059.D
Instrument:	MSBNA8	Analyzed:	02/05/26 15:21	Initial/Final:	1000 mL / 1 mL
Batch:	BB60263	Sequence:	S6B0601	Matrix:	Water

Analyzed by: **ALS Environmental - Stratford**

Semivolatile Organic Compounds by GC/MS/SIM

Sample Prepared by Method: EPA 3510C

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
91-20-3	Naphthalene	0.268		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/05/26 08:36	02/05/26 15:21	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E SIM

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	MSBNA8	Calibration:	SA60022
Lab File ID:	E800089071.D	Calibration Date:	01/15/26 14:38
Sequence:	S6B0602	Injection Date:	02/05/26
Lab Sample ID:	S6B0602-CCV1	Injection Time:	21:19

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Acenaphthene	A	1.00	0.866	1.16121	1.005557		-13.4	30	
Acenaphthylene	A	1.00	0.844	1.779167	1.501611		-15.6	30	
Anthracene	A	1.00	0.842	1.284936	1.081567		-15.8	30	
Atrazine	A	2.50	2.25	0.2126304	0.1914365		-10.0	30	
Benzo(a)anthracene	A	1.00	0.821	1.612595	1.323558		-17.9	30	
Benzo(a)pyrene	A	1.00	0.880	1.203219	1.058562		-12.0	30	
Benzo(b)fluoranthene	A	1.00	0.905	1.341864	1.214191		-9.5	30	
Benzo(g,h,i)perylene	A	1.00	0.891	1.089314	0.9705039		-10.9	30	
Benzo(k)fluoranthene	A	1.00	0.971	1.45384	1.411724		-2.9	30	
Bis(2-ethylhexyl)phthalate	A	2.50	2.14	1.134004	0.9725919		-14.2	30	
Chrysene	A	1.00	0.995	1.431957	1.424888		-0.5	30	
Dibenzo(a,h)anthracene	A	1.00	0.964	0.9287519	0.8950506		-3.6	30	
Fluoranthene	A	1.00	0.811	1.52345	1.236091		-18.9	30	
Fluorene	A	1.00	0.898	1.574104	1.413015		-10.2	30	
Hexachlorobenzene	A	0.100	0.0857	0.1946901	0.1667832		-14.3	30	
Hexachlorobutadiene	A	2.50	2.64	0.153108	0.1616555		5.6	30	
Hexachloroethane	A	2.50	2.85	0.0566375	6.461657E-02		14.1	30	
Indeno(1,2,3-cd)pyrene	A	1.00	0.942	1.201309	1.130983		-5.9	30	
Naphthalene	A	1.00	0.902	1.019474	0.9194296		-9.8	30	
Nitrobenzene	A	2.50	1.19	0.5495738	0.5247258		-4.5	30	
N-Nitrosodimethylamine	A	2.50	2.88	0.3303715	0.3809083		15.3	30	
Pentachlorophenol	A	1.50	0.484	0.1155584	3.728761E-02		-67.7	30 *	
Phenanthrene	A	1.00	0.834	1.198087	0.9994515		-16.6	30	
Pyrene	A	1.00	0.817	1.676322	1.369619		-18.3	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Pesticide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8081B Pesticide Data
for ALS Environmental, SDG: 26B0173

9 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected February 4, 2026

Prepared by: Donald Anné
April 16, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target pesticides as not detected.

Surrogate Recovery: One of two surrogate recoveries for sample 26SB-4 (0-2) were below QC limits and below 10% on both columns. The positive results should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in sample 26SB-4 (0-2).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target pesticides were below the allowable maximum and the percent recoveries were within QC limits on both columns for soil MS/MSD sample 26SB-4 (17-19).

Laboratory Control Sample: The percent recoveries for target pesticides were within QC limits for soil samples BB60249-BS1, BB60275-BS1, and BB60371-BS1, and aqueous sample BB60375-BS1.

Field Duplicates: The analyses of soil field duplicate pair 26SB-1(5-7)/Field Dup-020426 reported target pesticides as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The %RSDs for target pesticides were below the allowable maximum (20%) or the Quad CODs were above the allowable minimum (0.99) for both columns, as required.

Continuing Calibration: The %D for toxaphene was above the allowable maximum (20%) for the primary column on 02-05-26 (PS482770.d). The %D for methoxychlor was above the allowable maximum (20%) for the primary column on 02-05-26 (PS482790.d). The %D for toxaphene was above the allowable maximum (20%) for the primary column on 02-06-

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

26 (PS482817.d). The %D for 4,4'-DDE was above the allowable maximum (20%) for the secondary column on 02-08-26 (P20540681.d). The %D for toxaphene was above the allowable maximum (20%) for the primary column on 02-09-26 (PS482885.d). The %D for methoxychlor was above the allowable maximum (20%) for the primary column on 02-09-26 (PS482902.d). Positive results for these pesticides should be considered estimated (J) in associated samples.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (15%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: Checked surrogates were within GC quantitation limits. The %Diff for dual column quantitation of total chlordane in sample 26SB-2 (7-9) was above the allowable maximum (25%), but not above 70% and the lower result was reported. The positive result for total chlordane should be considered estimated, biased low (J-) in sample 26SB-2 (7-9).

The %Diff for dual column quantitation of 4,4'-DDE in sample 26SB-2 (0-2) was above the allowable maximum (25%) and 70%, but not above 100%. The positive result for 4,4'-DDE should be considered estimated, presumptive evidence (JN) in sample 26SB-2 (0-2).

Pesticide Identification Summary for Multicomponent Analytes: The analyses of the soil samples reported target multi-component pesticides as not detected.

SECOND COLUMN ANALYSIS DATA SHEET

26SB-2 (0-2)

Laboratory: ALS Environmental - Stratford | SDG: 26B0173

Client: Vektor Consultants | Project: 24030007 32-10 38th Ave Queens NY

Matrix: Soil | Laboratory ID: 26B0173-04 | File ID: PS482796.d

Sampled: 02/04/26 15:10 | Prepared: 02/05/26 08:10 | Analyzed: 02/05/26 18:59

Solids: 84.53 | Preparation: EPA 3546 PPCB | Initial/Final: 30.4 g / 10 mL

Batch: BB60249 | Sequence: S6B0522 | Calibration: SL50055 | Instrument: GCECD4

CAS NO.	COMPOUND	DILUTION	COL 1 (mg/kg dry)	COL 2 (mg/kg dry)	% Diff	Q
72-54-8	4,4'-DDD	5	0.00193	0.00193		U
72-55-9	4,4'-DDE	5	0.0392	0.0993	86.79	DP
50-29-3	4,4'-DDT	5	0.00193	0.00193		U
309-00-2	Aldrin	5	0.00193	0.00193		U
319-84-6	alpha-BHC	5	0.00193	0.00193		U
319-85-7	beta-BHC	5	0.00193	0.00193		U
319-86-8	delta-BHC	5	0.00193	0.00193		U
60-57-1	Dieldrin	5	0.00193	0.00193		U
959-98-8	Endosulfan I	5	0.00193	0.00193		U
33213-65-9	Endosulfan II	5	0.00193	0.00193		U
1031-07-8	Endosulfan sulfate	5	0.00193	0.00193		U
72-20-8	Endrin	5	0.00193	0.00193		U
7421-93-4	Endrin aldehyde	5	0.00193	0.00193		U
53494-70-5	Endrin ketone	5	0.00193	0.00193		U
58-89-9	gamma-BHC (Lindane)	5	0.00193	0.00193		U
1024-57-3	Heptachlor epoxide	5	0.00193	0.00193		U
72-43-5	Methoxychlor	5	0.00193	0.00193		U
8001-35-2	Toxaphene	5	0.193	0.193		U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0778	0.0596	76.6	30 - 150	
Tetrachloro-m-xylene	0.0778	0.0528	67.8	30 - 150	

* Values outside of QC limits

SECOND COLUMN ANALYSIS DATA SHEET

26SB-2 (7-9)

Laboratory: ALS Environmental - Stratford | SDG: 26B0173

Client: Vektor Consultants | Project: 24030007 32-10 38th Ave Queens NY

Matrix: Soil | Laboratory ID: 26B0173-05 | File ID: PS482797.d

Sampled: 02/04/26 15:15 | Prepared: 02/05/26 08:10 | Analyzed: 02/05/26 19:15

Solids: 92.06 | Preparation: EPA 3546 PPCB | Initial/Final: 30.2 g / 10 mL

Batch: BB60249 | Sequence: S6B0522 | Calibration: SL50055 | Instrument: GCECD4

CAS NO.	COMPOUND	DILUTION	COL 1 (mg/kg dry)	COL 2 (mg/kg dry)	% Diff	Q
72-54-8	4,4'-DDD	5	0.00178	0.00178		U
72-55-9	4,4'-DDE	5	0.00206	0.00224	8.37	D
50-29-3	4,4'-DDT	5	0.00178	0.00178		U
309-00-2	Aldrin	5	0.00178	0.00178		U
319-84-6	alpha-BHC	5	0.00178	0.00178		U
5103-71-9	alpha-Chlordane	5	0.0889	0.108	19.40	D
319-85-7	beta-BHC	5	0.00178	0.00178		U
319-86-8	delta-BHC	5	0.00178	0.00178		U
60-57-1	Dieldrin	5	0.00178	0.00178		U
959-98-8	Endosulfan I	5	0.00178	0.00178		U
33213-65-9	Endosulfan II	5	0.00178	0.00178		U
1031-07-8	Endosulfan sulfate	5	0.00178	0.00178		U
72-20-8	Endrin	5	0.00178	0.00178		U
7421-93-4	Endrin aldehyde	5	0.00178	0.00178		U
53494-70-5	Endrin ketone	5	0.00178	0.00178		U
58-89-9	gamma-BHC (Lindane)	5	0.00178	0.00178		U
5566-34-7	gamma-Chlordane	5	0.0981	0.107	8.68	D
76-44-8	Heptachlor	5	0.0274	0.0296	7.72	D
1024-57-3	Heptachlor epoxide	5	0.00178	0.00178		U
72-43-5	Methoxychlor	5	0.00178	0.00178		U
8001-35-2	Toxaphene	5	0.178	0.178		U
57-74-9	Chlordane, total	5	0.802	1.10	31.34	D

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0719	0.0346	48.1	30 - 150	
Tetrachloro-m-xylene	0.0719	0.0363	50.5	30 - 150	

* Values outside of QC limits

FORM II SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8081B

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Sequence:	S6B0522	Instrument:	GCECD4
Batch:	BB60249	Calibration:	SL50055

Surrogate Compound	Spike Level mg/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BB60249-BLK1)			Lab File ID: PS482792.d		Analyzed: 02/05/26 17:57			
Decachlorobiphenyl	0.0664	73.2	30 - 150	9.826	9.843333	-0.0173	+/-0.50	
Decachlorobiphenyl [2C]	0.0664	70.2	30 - 150	11.299	11.32717	-0.0282	+/-0.50	
Tetrachloro-m-xylene	0.0664	76.6	30 - 150	2.482	2.488857	-0.0069	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0664	73.5	30 - 150	2.827	2.840571	-0.0136	+/-0.50	
LCS (BB60249-BS1)			Lab File ID: PS482793.d		Analyzed: 02/05/26 18:13			
Decachlorobiphenyl	0.0664	52.6	30 - 150	9.826	9.843333	-0.0173	+/-0.50	
Decachlorobiphenyl [2C]	0.0664	50.5	30 - 150	11.299	11.32717	-0.0282	+/-0.50	
Tetrachloro-m-xylene	0.0664	53.3	30 - 150	2.482	2.488857	-0.0069	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0664	52.4	30 - 150	2.827	2.840571	-0.0136	+/-0.50	
26SB-2 (0-2) (26B0173-04)			Lab File ID: PS482796.d		Analyzed: 02/05/26 18:59			
Decachlorobiphenyl	0.0778	76.6	30 - 150	9.824	9.843333	-0.0193	+/-0.50	
Decachlorobiphenyl [2C]	0.0778	100	30 - 150	11.298	11.32717	-0.0292	+/-0.50	
Tetrachloro-m-xylene	0.0778	67.8	30 - 150	2.481	2.488857	-0.0079	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0778	64.9	30 - 150	2.826	2.840571	-0.0146	+/-0.50	
26SB-2 (7-9) (26B0173-05)			Lab File ID: PS482797.d		Analyzed: 02/05/26 19:15			
Decachlorobiphenyl	0.0719	48.1	30 - 150	9.825	9.843333	-0.0183	+/-0.50	
Decachlorobiphenyl [2C]	0.0719	45.4	30 - 150	11.299	11.32717	-0.0282	+/-0.50	
Tetrachloro-m-xylene	0.0719	50.5	30 - 150	2.482	2.488857	-0.0069	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0719	48.6	30 - 150	2.827	2.840571	-0.0136	+/-0.50	
26SB-4 (0-2) (26B0173-07)			Lab File ID: PS482799.d		Analyzed: 02/05/26 19:46			
Decachlorobiphenyl	0.0751	9.72	30 - 150	9.825	9.843333	-0.0183	+/-0.50	*
Decachlorobiphenyl [2C]	0.0751	9.01	30 - 150	11.299	11.32717	-0.0282	+/-0.50	*
Tetrachloro-m-xylene	0.0751	39.5	30 - 150	2.482	2.488857	-0.0069	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0751	37.2	30 - 150	2.826	2.840571	-0.0146	+/-0.50	
26SB-4 (5-7) (26B0173-08)			Lab File ID: PS482800.d		Analyzed: 02/05/26 20:01			
Decachlorobiphenyl	0.0735	46.2	30 - 150	9.826	9.843333	-0.0173	+/-0.50	
Decachlorobiphenyl [2C]	0.0735	44.6	30 - 150	11.3	11.32717	-0.0272	+/-0.50	
Tetrachloro-m-xylene	0.0735	51.3	30 - 150	2.482	2.488857	-0.0069	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0735	48.6	30 - 150	2.827	2.840571	-0.0136	+/-0.50	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	GCECD4	Calibration:	SL50055
Lab File ID:	PS482770.d	Calibration Date:	12/29/25 11:56
Sequence:	S6B0522	Injection Date:	02/05/26
Lab Sample ID:	S6B0522-CCV3	Injection Time:	10:55

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Toxaphene	A	2000	3560	1.258982E+07	2.312095E+07		78.0	20 *	CC VH
Toxaphene [2C]	A	2000	2060	6110136	6319400		3.2	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	GCECD4	Calibration:	SL50055
Lab File ID:	PS482775.d	Calibration Date:	12/29/25 11:56
Sequence:	S6B0522	Injection Date:	02/05/26
Lab Sample ID:	S6B0522-CCV4	Injection Time:	12:14

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
4,4'-DDD	A	50.0	56.0	3.172016E+07	2.9546E+07		12.0	20	
4,4'-DDD [2C]	A	50.0	58.6	9787828	8472000		17.1	20	
4,4'-DDE	A	50.0	53.1	3.671423E+07	3.397E+07		6.1	20	
4,4'-DDE [2C]	A	50.0	52.6	1.254963E+07	1.1618E+07		5.2	20	
4,4'-DDT	A	50.0	47.2	3.152435E+07	2.5284E+07		-5.6	20	
4,4'-DDT [2C]	A	50.0	45.7	9122600	6908000		-8.5	20	
Aldrin	A	50.0	53.3	4.27911E+07	3.901E+07		6.6	20	
Aldrin [2C]	A	50.0	52.2	1.459734E+07	1.3614E+07		4.3	20	
alpha-BHC	A	50.0	54.6	4.730887E+07	4.4652E+07		9.2	20	
alpha-BHC [2C]	A	50.0	53.3	1.576214E+07	1.5396E+07		6.7	20	
alpha-Chlordane	A	50.0	54.8	3.859269E+07	3.3968E+07		9.6	20	
alpha-Chlordane [2C]	A	50.0	51.1	1.324828E+07	1.1416E+07		2.1	20	
beta-BHC	A	50.0	56.5	2.207436E+07	1.5964E+07		12.9	20	
beta-BHC [2C]	A	50.0	53.4	7115070	5378000		6.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	GCECD4	Calibration:	SL50055
Lab File ID:	PS482790.d	Calibration Date:	12/29/25 11:56
Sequence:	S6B0522	Injection Date:	02/05/26
Lab Sample ID:	S6B0522-CCV5	Injection Time:	17:26

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Endrin ketone [2C]	A	50.0	54.6	1.11056E+07	9828000		9.3	20	
gamma-BHC (Lindane)	A	50.0	53.6	4.301642E+07	3.9752E+07		7.2	20	
gamma-BHC (Lindane) [2C]	A	50.0	56.1	1.399753E+07	1.3974E+07		12.1	20	
gamma-Chlordane	A	50.0	53.8	4.03193E+07	3.6414E+07		7.6	20	
gamma-Chlordane [2C]	A	50.0	54.0	1.339511E+07	1.24E+07		7.9	20	
Heptachlor	A	50.0	54.5	4.518416E+07	3.9228E+07		9.1	20	
Heptachlor [2C]	A	50.0	56.0	1.315552E+07	1.1632E+07		12.0	20	
Heptachlor epoxide	A	50.0	54.6	3.848462E+07	3.36E+07		9.2	20	
Heptachlor epoxide [2C]	A	50.0	53.8	1.283992E+07	1.1642E+07		7.5	20	
Methoxychlor	A	50.0	60.4	1.77265E+07	1.55E+07		20.8	20 *	CC VH
Methoxychlor [2C]	A	50.0	58.6	4857144	4130000		17.2	20	
Mirex	A	50.0	52.9	2.890679E+07	2.391E+07		5.8	20	
Mirex [2C]	A	50.0	50.1	8361741	6246000		0.3	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	GCECD4	Calibration:	SL50055
Lab File ID:	PS482803.d	Calibration Date:	12/29/25 11:56
Sequence:	S6B0522	Injection Date:	02/05/26
Lab Sample ID:	S6B0522-CCV6	Injection Time:	20:48

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
4,4'-DDD	A	50.0	55.9	3.172016E+07	2.9486E+07		11.8	20	
4,4'-DDD [2C]	A	50.0	57.8	9787828	8352000		15.6	20	
4,4'-DDE	A	50.0	56.4	3.671423E+07	3.6108E+07		12.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	GCECD4	Calibration:	SL50055
Lab File ID:	PS482817.d	Calibration Date:	12/29/25 11:56
Sequence:	S6B0615	Injection Date:	02/06/26
Lab Sample ID:	S6B0615-CCV3	Injection Time:	10:26

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Toxaphene	A	2000	3580	1.258982E+07	2.323955E+07		78.9	20 *	CC VH
Toxaphene [2C]	A	2000	2070	6110136	6325150		3.3	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	GCECD4	Calibration:	SL50055
Lab File ID:	PS482823.d	Calibration Date:	12/29/25 11:56
Sequence:	S6B0615	Injection Date:	02/06/26
Lab Sample ID:	S6B0615-CCV4	Injection Time:	12:10

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
4,4'-DDD	A	50.0	57.7	3.172016E+07	3.0436E+07		15.3	20	
4,4'-DDD [2C]	A	50.0	58.1	9787828	8400000		16.2	20	
4,4'-DDE	A	50.0	56.1	3.671423E+07	3.5912E+07		12.2	20	
4,4'-DDE [2C]	A	50.0	54.8	1.254963E+07	1.2122E+07		9.6	20	
4,4'-DDT	A	50.0	54.6	3.152435E+07	2.9268E+07		9.2	20	
4,4'-DDT [2C]	A	50.0	51.2	9122600	7740000		2.4	20	
Aldrin	A	50.0	57.2	4.27911E+07	4.1936E+07		14.4	20	
Aldrin [2C]	A	50.0	55.2	1.459734E+07	1.4416E+07		10.3	20	
alpha-BHC	A	50.0	59.9	4.730887E+07	4.9272E+07		19.8	20	
alpha-BHC [2C]	A	50.0	57.0	1.576214E+07	1.6516E+07		14.1	20	
alpha-Chlordane	A	50.0	58.9	3.859269E+07	3.6634E+07		17.8	20	
alpha-Chlordane [2C]	A	50.0	54.1	1.324828E+07	1.2114E+07		8.2	20	
beta-BHC	A	50.0	62.2	2.207436E+07	1.7602E+07		24.4	20 *	CC VH
beta-BHC [2C]	A	50.0	56.4	7115070	5688000		12.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	GC_5890_I	Calibration:	SL50052
Lab File ID:	P20540681.d	Calibration Date:	12/24/25 14:32
Sequence:	S6B0928	Injection Date:	02/08/26
Lab Sample ID:	S6B0928-CCV1	Injection Time:	13:08

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
4,4'-DDD	A	50.0	48.3	1.232002E+07	1.0432E+07		-3.4	20	
4,4'-DDD [2C]	A	50.0	50.0	2.224909E+07	2.3272E+07		0.1		
4,4'-DDE	A	50.0	48.8	1.560465E+07	1.3586E+07		-2.5	20	
4,4'-DDE [2C]	A	50.0	62.6	2.743673E+07	2.8626E+07		25.3		CC VH
4,4'-DDT	A	50.0	53.2	1.04191E+07	1.0306E+07		6.4	20	
4,4'-DDT [2C]	A	50.0	55.6	2.155332E+07	2.5496E+07		11.3		
Aldrin	A	50.0	48.7	2.093716E+07	1.7384E+07		-2.5	20	
Aldrin [2C]	A	50.0	51.3	3.71836E+07	4.036E+07		2.6		
alpha-BHC	A	50.0	48.0	2.249931E+07	1.9786E+07		-4.0	20	
alpha-BHC [2C]	A	50.0	52.4	4.249122E+07	4.9534E+07		4.8		
alpha-Chlordane	A	50.0	49.6	1.827751E+07	1.504E+07		-0.9	20	
alpha-Chlordane [2C]	A	50.0	52.5	3.305535E+07	3.4684E+07		5.1		
beta-BHC	A	50.0	47.2	8839374	6520000		-5.6	20	
beta-BHC [2C]	A	50.0	51.3	1.730266E+07	1.6502E+07		2.7		
delta-BHC	A	50.0	45.2	1.898398E+07	1.483E+07		-9.6	20	
delta-BHC [2C]	A	50.0	49.5	3.549559E+07	3.7174E+07		-1.0		
Dieldrin	A	50.0	48.2	1.850704E+07	1.543E+07		-3.5	20	
Dieldrin [2C]	A	50.0	50.0	3.321181E+07	3.4552E+07		0.01	20	
Endosulfan I	A	50.0	50.9	1.758486E+07	1.5154E+07		1.8	20	
Endosulfan I [2C]	A	50.0	52.6	2.970833E+07	3.1522E+07		5.1		
Endosulfan II	A	50.0	50.1	1.547173E+07	1.301E+07		0.2	20	
Endosulfan II [2C]	A	50.0	57.3	2.735568E+07	2.397E+07		14.5		
Endosulfan sulfate	A	50.0	48.8	1.488463E+07	1.1612E+07		-2.4	20	
Endosulfan sulfate [2C]	A	50.0	52.4	2.488639E+07	1.989E+07		4.9		
Endrin	A	50.0	48.4	1.572397E+07	1.2806E+07		-3.2	20	
Endrin [2C]	A	50.0	51.2	2.869275E+07	2.908E+07		2.4		
Endrin aldehyde	A	50.0	46.3	1.114985E+07	8610000		-7.3	20	
Endrin aldehyde [2C]	A	50.0	49.8	2.066069E+07	1.9878E+07		-0.4		
Endrin ketone	A	50.0	50.1	1.569449E+07	1.284E+07		0.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	GCECD4	Calibration:	SL50055
Lab File ID:	PS482885.d	Calibration Date:	12/29/25 11:56
Sequence:	S6B0931	Injection Date:	02/09/26
Lab Sample ID:	S6B0931-CCV3	Injection Time:	10:11

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Toxaphene	A	2000	3430	1.258982E+07	2.22547E+07		71.4	20 *	CC VH
Toxaphene [2C]	A	2000	1910	6110136	5837250		-4.6		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	GCECD4	Calibration:	SL50055
Lab File ID:	PS482902.d	Calibration Date:	12/29/25 11:56
Sequence:	S6B0931	Injection Date:	02/09/26
Lab Sample ID:	S6B0931-CCV4	Injection Time:	17:21

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
4,4'-DDD	A	50.0	58.2	3.172016E+07	3.0742E+07		16.4	20	
4,4'-DDD [2C]	A	50.0	59.2	9787828	8570000		18.4		
4,4'-DDE	A	50.0	55.5	3.671423E+07	3.555E+07		11.0	20	
4,4'-DDE [2C]	A	50.0	54.6	1.254963E+07	1.2076E+07		9.2		
4,4'-DDT	A	50.0	59.1	3.152435E+07	3.1676E+07		18.2	20	
4,4'-DDT [2C]	A	50.0	54.9	9122600	8316000		9.9		
Aldrin	A	50.0	54.8	4.27911E+07	4.0112E+07		9.6	20	
Aldrin [2C]	A	50.0	53.4	1.459734E+07	1.3946E+07		6.8		
alpha-BHC	A	50.0	56.8	4.730887E+07	4.6606E+07		13.7	20	
alpha-BHC [2C]	A	50.0	55.6	1.576214E+07	1.6092E+07		11.3		
alpha-Chlordane	A	50.0	57.7	3.859269E+07	3.5828E+07		15.4	20	
alpha-Chlordane [2C]	A	50.0	53.2	1.324828E+07	1.1894E+07		6.3		
beta-BHC	A	50.0	58.5	2.207436E+07	1.6556E+07		17.1	20	
beta-BHC [2C]	A	50.0	54.6	7115070	5502000		9.2		

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	GCECD4	Calibration:	SL50055
Lab File ID:	PS482902.d	Calibration Date:	12/29/25 11:56
Sequence:	S6B0931	Injection Date:	02/09/26
Lab Sample ID:	S6B0931-CCV4	Injection Time:	17:21

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
delta-BHC	A	50.0	53.6	4.274335E+07	3.6158E+07		7.2	20	
delta-BHC [2C]	A	50.0	53.9	1.422288E+07	1.2412E+07		7.7		
Dieldrin	A	50.0	57.7	3.956483E+07	3.7296E+07		15.5	20	
Dieldrin [2C]	A	50.0	53.8	1.354601E+07	1.2536E+07		7.5	20	
Endosulfan I	A	50.0	56.3	3.625731E+07	3.3432E+07		12.7	20	
Endosulfan I [2C]	A	50.0	53.5	1.204318E+07	1.107E+07		7.0		
Endosulfan II	A	50.0	56.3	3.501483E+07	3.067E+07		12.6	20	
Endosulfan II [2C]	A	50.0	53.8	1.138659E+07	9918000		7.5		
Endosulfan sulfate	A	50.0	55.2	3.29137E+07	2.7222E+07		10.4	20	
Endosulfan sulfate [2C]	A	50.0	51.9	1.049087E+07	8198000		3.7		
Endrin	A	50.0	59.3	3.546589E+07	3.3916E+07		18.6	20	
Endrin [2C]	A	50.0	56.0	1.147127E+07	1.0742E+07		12.0		
Endrin aldehyde	A	50.0	50.8	2.86901E+07	2.0476E+07		1.5	20	
Endrin aldehyde [2C]	A	50.0	48.9	9173473	6724000		-2.2		
Endrin ketone	A	50.0	56.8	3.627223E+07	3.309E+07		13.6	20	
Endrin ketone [2C]	A	50.0	52.6	1.11056E+07	9462000		5.3		
gamma-BHC (Lindane)	A	50.0	54.9	4.301642E+07	4.078E+07		9.8	20	
gamma-BHC (Lindane) [2C]	A	50.0	55.1	1.399753E+07	1.3714E+07		10.1		
gamma-Chlordane	A	50.0	56.1	4.03193E+07	3.8002E+07		12.2	20	
gamma-Chlordane [2C]	A	50.0	54.3	1.339511E+07	1.2476E+07		8.6		
Heptachlor	A	50.0	56.0	4.518416E+07	4.0266E+07		12.0	20	
Heptachlor [2C]	A	50.0	57.2	1.315552E+07	1.1902E+07		14.5		
Heptachlor epoxide	A	50.0	56.5	3.848462E+07	3.48E+07		13.1	20	
Heptachlor epoxide [2C]	A	50.0	53.9	1.283992E+07	1.1678E+07		7.9		
Methoxychlor	A	50.0	60.7	1.77265E+07	1.5582E+07		21.4	20 *	CC VH
Methoxychlor [2C]	A	50.0	56.2	4857144	3956000		12.4		
Mirex	A	50.0	55.3	2.890679E+07	2.4988E+07		10.6	20	
Mirex [2C]	A	50.0	49.1	8361741	6116000		-1.8	20	

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8082A PCB Data for
ALS Environmental, SDG: 26B0173

9 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected February 4, 2026

Prepared by: Donald Anné
April 16, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method blanks reported target aroclors as not detected.

Surrogate Recovery: One of two surrogate recoveries for sample 26SB-1 (6-8) was above QC limits on one column. No action is taken on one surrogate recovery on one column outside QC limits, provided the recovery is not less than 10%.

One of two surrogate recoveries for sample 26SB-1 (0-2) were above QC limits on both columns. The positive results for target aroclors should be considered estimated, biased high (J+) in sample 26SB-1 (0-2).

One of two surrogate recoveries for sample 26SB-4 (0-2) were below QC limits and below 10% on both columns. The "not detected" results for target aroclors should be considered rejected, unusable (R) in sample 26SB-4 (0-2).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximum and the percent recoveries were within QC limits on both columns for soil MS/MSD sample 26SB-4 (17-19).

Laboratory Control Sample: The percent recoveries (%Rs) for aroclor 1016 and aroclor 1260 were within QC limits on both columns for soil samples BB60248-BS2, BB60274-BS2, and BB60370-BS2. The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximum and the percent recoveries were within QC limits on both columns for aqueous samples BB60374-BS2/BSD2.

Field Duplicates: The analyses of soil field duplicate pair 26SB-1(5-7)/Field Dup-020426 reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Initial Calibration: The %RSDs for aroclor 1016 and aroclor 1260 were below the allowable maximum (20%) or the Quad CODs were above the allowable minimum (0.99) for both columns, as required.

Continuing Calibration: The average %Ds for aroclor 1016 and aroclor 1260 were below the allowable maximum (20%), as required.

PCB Identification Summary: Checked surrogate results were within GC quantitation limits. The analyses of the soil samples reported target aroclors as not detected.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8082A

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Sequence:	S6B0626	Instrument:	ECD#1
Batch:	BB60248	Calibration:	SA60018

Surrogate Compound	Spike Level mg/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BB60248-BLK1)			Lab File ID: P1187422.D		Analyzed: 02/05/26 20:31			
Tetrachloro-m-xylene	0.0664	62.5	30 - 120	2.69	2.69	0.0000	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0664	62.0	30 - 120	2.1	2.1	0.0000	+/-0.50	
Decachlorobiphenyl	0.0664	54.0	30 - 120	8.84	8.85	-0.0100	+/-0.50	
Decachlorobiphenyl [2C]	0.0664	68.0	30 - 120	7.69	7.7	-0.0100	+/-0.50	
LCS (BB60248-BS2)			Lab File ID: P1187423.D		Analyzed: 02/05/26 20:45			
Tetrachloro-m-xylene	0.0664	57.0	30 - 120	2.69	2.69	0.0000	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0664	56.5	30 - 120	2.1	2.1	0.0000	+/-0.50	
Decachlorobiphenyl	0.0664	54.5	30 - 120	8.84	8.85	-0.0100	+/-0.50	
Decachlorobiphenyl [2C]	0.0664	68.0	30 - 120	7.69	7.7	-0.0100	+/-0.50	
26SB-2 (0-2) (26B0173-04)			Lab File ID: P1187429.D		Analyzed: 02/05/26 22:07			
Tetrachloro-m-xylene	0.0778	59.5	30 - 120	2.69	2.69	0.0000	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0778	57.5	30 - 120	2.1	2.1	0.0000	+/-0.50	
Decachlorobiphenyl	0.0778	47.0	30 - 120	8.84	8.85	-0.0100	+/-0.50	
Decachlorobiphenyl [2C]	0.0778	73.5	30 - 120	7.69	7.7	-0.0100	+/-0.50	
26SB-2 (7-9) (26B0173-05)			Lab File ID: P1187430.D		Analyzed: 02/05/26 22:21			
Tetrachloro-m-xylene	0.0719	41.0	30 - 120	2.69	2.69	0.0000	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0719	40.5	30 - 120	2.1	2.1	0.0000	+/-0.50	
Decachlorobiphenyl	0.0719	30.0	30 - 120	8.84	8.85	-0.0100	+/-0.50	
Decachlorobiphenyl [2C]	0.0719	37.5	30 - 120	7.69	7.7	-0.0100	+/-0.50	
26SB-4 (0-2) (26B0173-07)			Lab File ID: P1187432.D		Analyzed: 02/05/26 22:48			
Tetrachloro-m-xylene	0.0751	34.5	30 - 120	2.69	2.69	0.0000	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0751	33.0	30 - 120	2.1	2.1	0.0000	+/-0.50	
Decachlorobiphenyl	0.0751	6.50	30 - 120	8.84	8.85	-0.0100	+/-0.50	*
Decachlorobiphenyl [2C]	0.0751	7.50	30 - 120	7.69	7.7	-0.0100	+/-0.50	*
26SB-4 (5-7) (26B0173-08)			Lab File ID: P1187433.D		Analyzed: 02/05/26 23:02			
Tetrachloro-m-xylene	0.0735	43.5	30 - 120	2.69	2.69	0.0000	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0735	41.0	30 - 120	2.1	2.1	0.0000	+/-0.50	
Decachlorobiphenyl	0.0735	35.5	30 - 120	8.84	8.85	-0.0100	+/-0.50	
Decachlorobiphenyl [2C]	0.0735	42.0	30 - 120	7.69	7.7	-0.0100	+/-0.50	

FORM II SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8082A

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Sequence:	S6B0626	Instrument:	ECD#1
Batch:	BB60274	Calibration:	SA60018

Surrogate Compound	Spike Level mg/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BB60274-BLK1)			Lab File ID: P1187460.D		Analyzed: 02/06/26 11:32			
Tetrachloro-m-xylene	0.0667	91.5	30 - 120	2.68	2.69	-0.0100	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0667	88.0	30 - 120	2.1	2.1	0.0000	+/-0.50	
Decachlorobiphenyl	0.0667	104	30 - 120	8.84	8.85	-0.0100	+/-0.50	
Decachlorobiphenyl [2C]	0.0667	134	30 - 120	7.69	7.7	-0.0100	+/-0.50	*
LCS (BB60274-BS2)			Lab File ID: P1187461.D		Analyzed: 02/06/26 11:46			
Tetrachloro-m-xylene	0.0667	88.5	30 - 120	2.69	2.69	0.0000	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0667	86.5	30 - 120	2.1	2.1	0.0000	+/-0.50	
Decachlorobiphenyl	0.0667	97.5	30 - 120	8.84	8.85	-0.0100	+/-0.50	
Decachlorobiphenyl [2C]	0.0667	122	30 - 120	7.69	7.7	-0.0100	+/-0.50	*
26SB-1 (0-2) (26B0173-01)			Lab File ID: P1187504.D		Analyzed: 02/06/26 21:36			
Tetrachloro-m-xylene	0.0742	106	30 - 120	2.69	2.69	0.0000	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0742	102	30 - 120	2.1	2.1	0.0000	+/-0.50	
Decachlorobiphenyl	0.0742	122	30 - 120	8.84	8.85	-0.0100	+/-0.50	*
Decachlorobiphenyl [2C]	0.0742	150	30 - 120	7.69	7.7	-0.0100	+/-0.50	*
26SB-1 (6-8) (26B0173-02)			Lab File ID: P1187505.D		Analyzed: 02/06/26 21:50			
Tetrachloro-m-xylene	0.0697	106	30 - 120	2.69	2.69	0.0000	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0697	102	30 - 120	2.1	2.1	0.0000	+/-0.50	
Decachlorobiphenyl	0.0697	116	30 - 120	8.85	8.85	0.0000	+/-0.50	
Decachlorobiphenyl [2C]	0.0697	144	30 - 120	7.69	7.7	-0.0100	+/-0.50	*
26SB-1 (15-17) (26B0173-03)			Lab File ID: P1187506.D		Analyzed: 02/06/26 22:03			
Tetrachloro-m-xylene	0.0719	75.5	30 - 120	2.69	2.69	0.0000	+/-0.50	
Tetrachloro-m-xylene [2C]	0.0719	72.0	30 - 120	2.1	2.1	0.0000	+/-0.50	
Decachlorobiphenyl	0.0719	73.0	30 - 120	8.85	8.85	0.0000	+/-0.50	
Decachlorobiphenyl [2C]	0.0719	87.0	30 - 120	7.69	7.7	-0.0100	+/-0.50	

PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data
for ALS Environmental, SDG: 26B0173

9 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected February 4, 2026

Prepared by: Donald Anné
April 16, 2026

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The Quad CODs and liner r for target PFAS were above allowable minimums, as required.

Low-Concentration Calibration Verification: The %Drift for 11CL-PF3OUdS, 9CL-PF3ONS, and PFNS were above the allowable maximum (30%) for S6B1641-LCV1. The %Drift for 11CL-PF3OUdS, 9CL-PF3ONS, and ADONA were above the allowable maximum (30%) for S6B1732-LCV1. Positive results for these PFAS should be considered estimated (J) in associated low level samples.

Continuing Calibration: The %D for 7:3FTCA was above the allowable maximum (30%) on 02-15-26 (QQQ214892.d). Positive results for 7:3FTCA should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and field blanks reported target PFAS as not detected.

Internal Standard Area Summary: The internal standard retention times were within control limits.

Surrogate Recovery: Two of twenty-four surrogate recoveries for sample 26SB-2 (7-9) were above QC limits. One of twenty-four surrogate recoveries for sample 26SB-2 (17-19) were above QC limits. Positive results associated with the surrogate above QC limits should be considered estimated (J) in the samples.

Laboratory Control Sample: The percent recoveries (%Rs) for target PFAS for low level soil samples BB60410-BS2 and BB60462-BS2.

The %R for 3:3FTCA was above QC limits for low level aqueous sample BB60324-BS2. Positive results for 3:3FTCA should be considered estimated, biased high (J+) in associated aqueous samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Field Duplicates: The analyses of soil field duplicate pair 26SB-1(5-7)/Field Dup-020426 reported target PFAS as either not detected or below the lowest standard; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogate results were within LC quantitation limits.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633A

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Sequence:	S6B1641	Instrument:	LCQQQ
Batch:	BB60410	Calibration:	SB60023

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
26SB-2 (7-9) (26B0173-05)			Lab File ID: QQQ214908.d		Analyzed: 02/15/26 07:58			
M3PFBS	2.53	125	40 - 135	5.8193	5.943269	-0.1240	+/-0.50	
M5PFHxA	2.72	136	40 - 130	5.828	5.934415	-0.1064	+/-0.50	*
M4PFHpA	2.72	125	40 - 130	6.446417	6.550894	-0.1045	+/-0.50	
M3PFHxS	2.57	120	40 - 130	7.06365	7.192973	-0.1293	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.72	130	40 - 130	6.934983	7.053885	-0.1189	+/-0.50	
M6PFDA	1.36	124	40 - 130	7.77145	7.905254	-0.1338	+/-0.50	
M7PFUdA	1.36	120	40 - 130	8.141833	8.294446	-0.1526	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.36	105	40 - 130	8.515417	8.670823	-0.1554	+/-0.50	
M2PFTeDA	1.36	114	20 - 130	9.196217	9.364115	-0.1679	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.9	114	8 - 130	3.058367	3.289402	-0.2310	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.60	115	40 - 130	7.921967	8.0781	-0.1561	+/-0.50	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.43	133	35 - 130	4.931867	5.037904	-0.1060	+/-0.50	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.72	124	40 - 130	9.1471	9.210227	-0.0631	+/-0.50	
d3-N-MeFOSAA	5.43	109	40 - 135	7.90235	8.013267	-0.1109	+/-0.50	
d5-N-EtFOSAA	5.43	102	40 - 150	8.075167	8.195436	-0.1203	+/-0.50	
M2-6:2 FTS	5.16	133	40 - 215	6.733867	6.835425	-0.1016	+/-0.50	
M2-8:2 FTS	5.21	122	40 - 275	7.565166	7.688822	-0.1237	+/-0.50	
M9PFNA	1.36	129	40 - 130	7.372633	7.492248	-0.1196	+/-0.50	
M2-4:2 FTS	5.09	147	40 - 165	5.5938	5.690903	-0.0971	+/-0.50	
d-N-MeFOSA	2.72	116	10 - 130	10.38167	10.40657	-0.0249	+/-0.50	
d-N-EtFOSA	2.72	115	10 - 130	10.64802	10.67188	-0.0239	+/-0.50	
M3HFPO-DA	10.9	120	40 - 130	6.099267	6.203826	-0.1046	+/-0.50	
d9-N-EtFOSE	27.2	116	15 - 130	10.52523	10.54701	-0.0218	+/-0.50	
d7-N-MeFOSE	27.2	111	20 - 130	10.23398	10.26199	-0.0280	+/-0.50	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633A

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Sequence:	S6B1641	Instrument:	LCQQQ
Batch:	BB60410	Calibration:	SB60023

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
26SB-2 (17-19) (26B0173-06)			Lab File ID: QQQ214913.d		Analyzed: 02/15/26 09:09			
M3PFBS	2.50	127	40 - 135	5.811033	5.943269	-0.1322	+/-0.50	
M5PFHxA	2.68	128	40 - 130	5.828	5.934415	-0.1064	+/-0.50	
M4PFHpA	2.68	132	40 - 130	6.438183	6.550894	-0.1127	+/-0.50	*
M3PFHxS	2.54	121	40 - 130	7.06365	7.192973	-0.1293	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.68	124	40 - 130	6.934983	7.053885	-0.1189	+/-0.50	
M6PFDA	1.34	119	40 - 130	7.77145	7.905254	-0.1338	+/-0.50	
M7PFUdA	1.34	121	40 - 130	8.15005	8.294446	-0.1444	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.34	100	40 - 130	8.515417	8.670823	-0.1554	+/-0.50	
M2PFTeDA	1.34	98.3	20 - 130	9.196217	9.364115	-0.1679	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.7	113	8 - 130	3.066683	3.289402	-0.2227	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.57	108	40 - 130	7.921967	8.0781	-0.1561	+/-0.50	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.36	129	35 - 130	4.92355	5.037904	-0.1144	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.68	120	40 - 130	9.1471	9.210227	-0.0631	+/-0.50	
d3-N-MeFOSAA	5.36	113	40 - 135	7.90235	8.013267	-0.1109	+/-0.50	
d5-N-EtFOSAA	5.36	106	40 - 150	8.075167	8.195436	-0.1203	+/-0.50	
M2-6:2 FTS	5.10	142	40 - 215	6.733867	6.835425	-0.1016	+/-0.50	
M2-8:2 FTS	5.14	127	40 - 275	7.565166	7.688822	-0.1237	+/-0.50	
M9PFNA	1.34	128	40 - 130	7.364417	7.492248	-0.1278	+/-0.50	
M2-4:2 FTS	5.03	158	40 - 165	5.585533	5.690903	-0.1054	+/-0.50	
d-N-MeFOSA	2.68	118	10 - 130	10.37338	10.40657	-0.0332	+/-0.50	
d-N-EtFOSA	2.68	115	10 - 130	10.64802	10.67188	-0.0239	+/-0.50	
M3HFPO-DA	10.7	127	40 - 130	6.091017	6.203826	-0.1128	+/-0.50	
d9-N-EtFOSE	26.8	111	15 - 130	10.52523	10.54701	-0.0218	+/-0.50	
d7-N-MeFOSE	26.8	106	20 - 130	10.23398	10.26199	-0.0280	+/-0.50	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633A

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60324	Laboratory ID:	BB60324-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.	Q
11CL-PF3OUdS	7.56	9.31	123	55 - 160	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	16.9	110	60 - 150	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	15.9	106	70 - 145	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	16.4	108	65 - 155	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	80.0	97.7	122	50 - 145	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	80.0	97.4	122	70 - 135	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	16.0	21.0	131 *	65 - 130	
9CL-PF3ONS	7.48	10.3	138	70 - 155	
ADONA	7.56	10.7	141	65 - 145	
HFPO-DA (Gen-X)	8.00	11.1	139	70 - 140	
N-EtFOSA	4.00	3.29	82.1	65 - 145	
N-EtFOSAA	4.00	3.62	90.6	70 - 145	
N-EtFOSE	40.0	33.3	83.2	70 - 135	
N-MeFOSA	4.00	2.98	74.4	60 - 150	
N-MeFOSAA	4.00	3.83	95.9	50 - 140	
N-MeFOSE	40.0	32.4	80.9	70 - 145	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	7.27	102	70 - 140	
Perfluoro-1-decanesulfonic acid (PFDS)	3.86	3.34	86.4	60 - 145	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	4.10	107	70 - 150	
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	4.46	116	65 - 145	
Perfluoro-1-octanesulfonamide (FOSA)	4.00	4.24	106	70 - 145	
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	3.83	102	65 - 140	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	8.06	101	50 - 150	
Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	8.49	106	55 - 140	
Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	8.26	103	60 - 150	
Perfluorobutanesulfonic acid (PFBS)	3.54	3.90	110	60 - 145	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633A

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Water		
Batch:	BB60324	Laboratory ID:	BB60324-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.	Q
Perfluorodecanoic acid (PFDA)	4.00	3.93	98.3	70 - 140	
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.93	75.4	50 - 145	
Perfluorododecanoic acid (PFDoA)	4.00	3.99	99.9	70 - 140	
Perfluoroheptanoic acid (PFHpA)	4.00	4.48	112	70 - 150	
Perfluorohexanesulfonic acid (PFHxS)	3.66	3.76	103	65 - 145	
Perfluorohexanoic acid (PFHxA)	4.00	4.27	107	70 - 145	
Perfluoro-n-butanoic acid (PFBA)	16.0	16.9	106	70 - 140	
Perfluorononanoic acid (PFNA)	4.00	4.00	100	70 - 150	
Perfluorooctanesulfonic acid (PFOS)	3.72	3.37	90.6	55 - 150	
Perfluorooctanoic acid (PFOA)	4.00	4.24	106	70 - 150	
Perfluoropentanoic acid (PFPeA)	8.00	8.35	104	65 - 135	
Perfluorotetradecanoic acid (PFTA)	4.00	3.52	87.9	60 - 140	
Perfluorotridecanoic acid (PFTrDA)	4.00	4.03	101	65 - 140	
Perfluoroundecanoic acid (PFUnA)	4.00	4.03	101	70 - 145	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633A

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60023
Laboratory ID: S6B1641-LCV1
Sequence: S6B1641
Standard ID: S26B143

ANALYTE	EXPECTED (ng/mL)	FOUND (ng/mL)	% DRIFT	QC LIMIT
Perfluorobutanesulfonic acid (PFBS)	0.177	0.179	1.2	30.00
Perfluorohexanoic acid (PFHxA)	0.200	0.194	-2.9	30.00
Perfluoroheptanoic acid (PFHpA)	0.200	0.192	-3.9	30.00
Perfluorohexanesulfonic acid (PFHxS)	0.183	0.190	3.7	30.00
Perfluorooctanoic acid (PFOA)	0.200	0.198	-1.1	30.00
Perfluorooctanesulfonic acid (PFOS)	0.186	0.172	-7.6	30.00
Perfluorononanoic acid (PFNA)	0.200	0.223	11.3	30.00
Perfluorodecanoic acid (PFDA)	0.200	0.207	3.3	30.00
Perfluoroundecanoic acid (PFUnA)	0.200	0.194	-3.0	30.00
Perfluorododecanoic acid (PFDoA)	0.200	0.216	8.0	30.00
Perfluorotridecanoic acid (PFTrDA)	0.200	0.198	-1.2	30.00
Perfluorotetradecanoic acid (PFTA)	0.200	0.212	6.2	30.00
N-MeFOSAA	0.200	0.200	-0.06	30.00
N-EtFOSAA	0.200	0.203	1.7	30.00
Perfluoropentanoic acid (PFPeA)	0.400	0.397	-0.8	30.00
Perfluoro-1-octanesulfonamide (FOSA)	0.200	0.221	10.7	30.00
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.191	0.206	7.9	30.00
Perfluoro-1-decanesulfonic acid (PFDS)	0.193	0.223	15.6	30.00
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.760	0.779	2.5	30.00
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.768	0.800	4.1	30.00
Perfluoro-n-butanoic acid (PFBA)	0.800	0.817	2.1	30.00
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.356	0.426	19.8	30.00
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.400	0.425	6.3	30.00
Perfluoro-4-oxapentanoic acid (PFMPA)	0.400	0.440	10.1	30.00
Perfluoro-5-oxahexanoic acid (PFMBA)	0.400	0.448	12.1	30.00

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633A

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60023
Laboratory ID: S6B1641-LCV1
Sequence: S6B1641
Standard ID: S26B143

Perfluoro-1-pentanesulfonate (PFPeS)	0.188	0.174	-7.4	30.00
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.750	0.781	4.2	30.00
HFPO-DA (Gen-X)	0.800	0.821	2.7	30.00
11CL-PF3OUdS	0.756	1.07	42.2 *	30.00
9CL-PF3ONS	0.748	0.973	30.1 *	30.00
ADONA	0.756	0.920	21.6	30.00
Perfluorododecanesulfonic acid (PFDoS)	0.194	0.251	29.6	30.00
Perfluoro-1-nonanesulfonic acid (PFNS)	0.192	0.257	33.9 *	30.00
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.00	1.05	5.1	30.00
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	5.00	5.49	9.8	30.00
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	5.00	5.41	8.2	30.00
N-MeFOSE	2.00	1.93	-3.6	30.00
N-MeFOSA	0.200	0.202	0.8	30.00
N-EtFOSE	2.00	1.97	-1.7	30.00
N-EtFOSA	0.200	0.229	14.4	30.00
M3PFBS	2.33	2.42	4.0	
M5PFHxA	2.50	2.51	0.4	
M4PFHpA	2.50	2.57	2.6	
M3PFHxS	2.37	2.40	1.3	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	2.32	-7.0	
M6PFDA	1.25	1.19	-5.2	
M7PFUdA	1.25	1.31	5.1	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	1.16	-7.1	
M2PFTeDA	1.25	1.22	-2.1	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	10.1	1.1	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	2.22	-7.6	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	4.90	-2.0	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633A

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60023
Laboratory ID: S6B1641-LCV1
Sequence: S6B1641
Standard ID: S26B143

Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	2.63	5.2	
d3-N-MeFOSAA	5.00	5.61	12.2	
d5-N-EtFOSAA	5.00	5.62	12.5	
M2-6:2 FTS	4.76	6.04	26.9	
M2-8:2 FTS	4.80	5.89	22.6	
M9PFNA	1.25	1.23	-1.9	
M2-4:2 FTS	4.69	6.12	30.6	
d-N-MeFOSA	2.50	2.80	11.8	
d-N-EtFOSA	2.50	2.78	11.2	
M3HFPO-DA	10.0	9.93	-0.7	
d9-N-EtFOSE	25.0	28.9	15.7	
d7-N-MeFOSE	25.0	28.4	13.5	

* Values outside of QC limits

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633A

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60023
Laboratory ID: S6B1732-LCV1
Sequence: S6B1732
Standard ID: S26B143

ANALYTE	EXPECTED (ng/mL)	FOUND (ng/mL)	% DRIFT	QC LIMIT
Perfluorobutanesulfonic acid (PFBS)	0.177	0.190	7.1	30.00
Perfluorohexanoic acid (PFHxA)	0.200	0.202	1.1	30.00
Perfluoroheptanoic acid (PFHpA)	0.200	0.208	4.1	30.00
Perfluorohexanesulfonic acid (PFHxS)	0.183	0.201	9.7	30.00
Perfluorooctanoic acid (PFOA)	0.200	0.211	5.7	30.00
Perfluorooctanesulfonic acid (PFOS)	0.186	0.167	-10.0	30.00
Perfluorononanoic acid (PFNA)	0.200	0.227	13.7	30.00
Perfluorodecanoic acid (PFDA)	0.200	0.196	-2.1	30.00
Perfluoroundecanoic acid (PFUnA)	0.200	0.206	3.0	30.00
Perfluorododecanoic acid (PFDoA)	0.200	0.233	16.7	30.00
Perfluorotridecanoic acid (PFTrDA)	0.200	0.205	2.3	30.00
Perfluorotetradecanoic acid (PFTA)	0.200	0.219	9.4	30.00
N-MeFOSAA	0.200	0.215	7.3	30.00
N-EtFOSAA	0.200	0.215	7.7	30.00
Perfluoropentanoic acid (PFPeA)	0.400	0.400	-0.1	30.00
Perfluoro-1-octanesulfonamide (FOSA)	0.200	0.215	7.4	30.00
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.191	0.214	12.1	30.00
Perfluoro-1-decanesulfonic acid (PFDS)	0.193	0.223	15.6	30.00
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.760	0.783	3.0	30.00
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.768	0.813	5.9	30.00
Perfluoro-n-butanoic acid (PFBA)	0.800	0.833	4.1	30.00
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.356	0.421	18.3	30.00
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.400	0.518	29.5	30.00
Perfluoro-4-oxapentanoic acid (PFMPA)	0.400	0.424	6.1	30.00
Perfluoro-5-oxahexanoic acid (PFMBA)	0.400	0.442	10.6	30.00

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633A

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60023
Laboratory ID: S6B1732-LCV1
Sequence: S6B1732
Standard ID: S26B143

Perfluoro-1-pentanesulfonate (PFPeS)	0.188	0.165	-12.1	30.00
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.750	0.826	10.1	30.00
HFPO-DA (Gen-X)	0.800	0.873	9.1	30.00
11CL-PF3OUdS	0.756	1.09	44.7 *	30.00
9CL-PF3ONS	0.748	1.06	41.8 *	30.00
ADONA	0.756	0.986	30.5 *	30.00
Perfluorododecanesulfonic acid (PFDoS)	0.194	0.250	29.1	30.00
Perfluoro-1-nonanesulfonic acid (PFNS)	0.192	0.238	24.2	30.00
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.00	0.953	-4.7	30.00
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	5.00	4.75	-5.1	30.00
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	5.00	5.01	0.2	30.00
N-MeFOSE	2.00	1.90	-5.1	30.00
N-MeFOSA	0.200	0.164	-18.0	30.00
N-EtFOSE	2.00	1.96	-2.0	30.00
N-EtFOSA	0.200	0.222	11.1	30.00
M3PFBS	2.33	2.36	1.5	
M5PFHxA	2.50	2.51	0.6	
M4PFHpA	2.50	2.43	-2.7	
M3PFHxS	2.37	2.33	-1.9	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	2.43	-2.9	
M6PFDA	1.25	1.20	-3.6	
M7PFUdA	1.25	1.22	-2.3	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	1.12	-10.8	
M2PFTeDA	1.25	1.20	-3.9	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	9.18	-8.2	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	2.26	-5.7	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	4.85	-2.9	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633A

Laboratory: ALS Environmental - Stratford
SDG: 26B0173
Client: Vektor Consultants
Project: 24030007 32-10 38th Ave Queens NY
Calibration: SB60023
Laboratory ID: S6B1732-LCV1
Sequence: S6B1732
Standard ID: S26B143

Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	2.49	-0.4	
d3-N-MeFOSAA	5.00	4.69	-6.3	
d5-N-EtFOSAA	5.00	4.34	-13.3	
M2-6:2 FTS	4.76	5.38	13.0	
M2-8:2 FTS	4.80	4.54	-5.5	
M9PFNA	1.25	1.22	-2.5	
M2-4:2 FTS	4.69	5.89	25.5	
d-N-MeFOSA	2.50	2.72	8.7	
d-N-EtFOSA	2.50	2.79	11.8	
M3HFPO-DA	10.0	9.12	-8.8	
d9-N-EtFOSE	25.0	28.7	14.9	
d7-N-MeFOSE	25.0	29.1	16.6	

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633A

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	LCQQQ	Calibration:	SB60023
Lab File ID:	QQQ214892.d	Calibration Date:	02/12/26 08:00
Sequence:	S6B1641	Injection Date:	02/15/26
Lab Sample ID:	S6B1641-CCV4	Injection Time:	04:11

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
11CL-PF3OUdS	Q	9.45	9.19	1.079728	1.129109		-2.7	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.82	3.821199	3.810756		2.3	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.04	4.509439	4.206396		-3.6	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.65	4.030101	3.993977		1.6	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	Q	62.6	84.3	9.155692E-02	0.1157188		34.6	30 *	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	Q	62.6	77.7	9.994533E-02	0.1161308		24.1	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	Q	12.5	14.6	2.831449E-02	3.016362E-02		16.5	30	
9CL-PF3ONS	Q	9.35	9.50	1.593603	1.75363		1.6	30	
ADONA	A	9.45	9.28	3.314998	3.412354		-1.8	30	
HFPO-DA (Gen-X)	Q	10.0	8.63	2.788298E-02	2.493052E-02		-13.7	30	
N-EtFOSA	A	2.50	2.45	1.342475	1.367905		-2.1	30	
N-EtFOSAA	A	2.50	2.53	0.9750372	0.9866458		1.0	30	
N-EtFOSE	A	25.0	24.4	2.09967	2.086142		-2.3	30	
N-MeFOSA	A	2.50	2.42	1.164644	1.122882		-3.3	30	
N-MeFOSAA	A	2.50	2.30	0.8661714	0.8034964		-8.0	30	
N-MeFOSE	A	25.0	25.9	0.8368864	0.879399		3.7	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.43	1.242377	1.274981		-0.5	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.23	0.3916079	0.3572568		-7.7	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.28	1.375441	1.296451		-4.2	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.42	0.7808057	0.7657321		0.6	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.38	1.37908	1.320441		-4.7	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.28	1.394719	1.282483		-2.8	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	5.93	3.113891E-02	3.889308E-02		18.6	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633A

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Instrument ID:	LCQQQ	Calibration:	SB60023
Lab File ID:	QQQ214892.d	Calibration Date:	02/12/26 08:00
Sequence:	S6B1641	Injection Date:	02/15/26
Lab Sample ID:	S6B1641-CCV4	Injection Time:	04:11

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	4.94	0.3610917	0.3527325		-1.2	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	5.00	0.4005648	0.4046666		-0.03	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.24	1.187868	1.124786		0.7	30	
Perfluorodecanoic acid (PFDA)	A	2.50	2.61	1.187314	1.241405		4.4	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.56	0.1986326	0.2067875		5.7	30	
Perfluorododecanoic acid (PFDoA)	A	2.50	2.65	1.098168	1.194732		6.1	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	2.66	6.634623	7.047398		6.5	30	
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.32	1.222489	1.172717		1.7	30	
Perfluorohexanoic acid (PFHxA)	A	2.50	2.50	1.001388	0.9993019		0.2	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	9.71	0.8842294	0.8630293		-2.9	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.34	0.9166262	0.8770293		-6.5	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.17	1.150463	1.007977		-6.6	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.39	1.177475	1.124009		-4.2	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	4.96	1.043013	1.031388		-0.9	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.52	1.214666	1.252244		0.8	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.33	1.457519	1.387777		-6.7	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.56	1.133812	1.16949		2.5	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data for
ALS Environmental, SDG: 26B0173

9 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected February 4, 2026

Prepared by: Donald Anné
April 16, 2026

Holding Times: Samples were analyzed within the USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% all metals except Hg, 80-120% for Hg), as required.

CRDL Standard: The percent recoveries for applicable metals were within laboratory QC limits for the CRDL samples.

Blanks: The analyses of the method blanks reported target metals as below the MRLs, as required. Field blank contained sodium (1.15 mg/L) above the MRL. Positive results for these metals that are less than 5 times the highest blank level should be reported as not detected in associated samples.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%) for interference check samples.

Spike Sample Recovery: The percent recoveries (%Rs) for applicable metals were within control limits for aqueous spike sample Field Blank.

The %R for sodium was above control limits (75-125%) for soil spike sample 26SB-4 (17-19). Positive results for sodium should be considered estimated, biased high (J+) in associated soil samples.

The %R for antimony was below control limits (75-125%), but not below 10% for soil spike sample 26SB-4 (17-19). Positive results for antimony should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Laboratory Duplicate: The relative percent differences for applicable metals were above the allowable maximum (35%) for soil duplicate sample 26SB-4 (17-19), as required.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Field Duplicates: The relative percent differences for lead and magnesium were above the allowable maximum (35%) for soil field duplicate pair 26SB-1(15-17)/Field Dup-020426 (attached table). Positive results for lead and magnesium should be considered estimated (J) in samples 26SB-1(15-17) and Field Dup-020426.

Laboratory Control Sample: The percent recoveries (%Rs) for applicable metals were within control limits for soil samples BB60289-SRM1, BB60290-SRM1, and BB60394-SRM1. The %Rs for applicable metals were within control limits (80-120%) for aqueous samples BB60259-BS1, BB60246-BS1, and BB60269-BS4.

Detection Limits: The LODs were at or below POQs, as required.

Percent Solids: The percent solids for soil samples were above 50%.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010D

26SB-4 (17-19)

Laboratory:	ALS Environmental - Stratford	SDG:	26B0173
Client:	Vektor Consultants	Project:	24030007 32-10 38th Ave Queens NY
Matrix:	Soil		
Batch:	BB60394	Laboratory ID:	BB60394-MS1
Preparation:	EPA 3050B	Initial/Final:	0.6 g / 50 mL

Source Sample Name: 26B0173-09

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.	Q
Aluminum	194	7730	8560	NA	75 - 125	
Antimony	24.3	ND	7.10	29.2 *	75 - 125	
Arsenic	194	1.96	178	90.7	75 - 125	
Barium	194	34.8	217	93.9	75 - 125	
Beryllium	4.86	0.296	4.90	94.7	75 - 125	
Cadmium	4.86	ND	4.60	94.6	75 - 125	
Calcium	97.2	4870	4920	NA	75 - 125	
Chromium	19.4	17.5	36.6	98.6	75 - 125	
Cobalt	48.6	6.53	51.5	92.5	75 - 125	
Copper	24.3	19.2	45.3	108	75 - 125	
Iron	97.2	11900	13200	NA	75 - 125	
Lead	48.6	8.54	54.9	95.4	75 - 125	
Magnesium	97.2	5050	5500	NA	75 - 125	
Manganese	48.6	281	328	96.7	75 - 125	
Nickel	48.6	14.4	60.1	94.3	75 - 125	
Potassium	97.2	1210	1520	NA	75 - 125	
Selenium	194	ND	173	89.1	75 - 125	
Silver	4.86	ND	4.38	90.2	75 - 125	
Sodium	97.2	170	317	151 *	75 - 125	
Thallium	194	ND	181	93.3	75 - 125	
Vanadium	48.6	21.8	67.2	93.4	75 - 125	
Zinc	48.6	39.7	82.1	87.4	75 - 125	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NA - Sample concentration is greater than 4X the spiking level; therefore, the %REC is not applicable.

Field Duplicate Calculation Section

EPA Method 1633 PFC

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. 26B0173

S1= 26SB-1 (15-17) **S2=** Field Dup-020426

Analyte	S1	S2	RPD (%)
Perfluoropentanoic Acid (PFPeA)	**0.142**	**0.427**	NC
Perfluorohexanoic Acid (PFHxA)	**0.14**	**0.0812**	NC
Perfluorooctanoic Acid (PFOA)	**0.107**	ND	NC

* RPD is above the allowable maximum 35%

Results are in units of uk/kg.

Bold numbers were values that below the CRQL or above the high standard.
ND - Not detected.

NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 26B0173

S1= 26SB-1 (15-17) **S2=** Field Dup-020426

Analyte	S1	S2	RPD (%)
1,2,4-Trimethylbenzene	0.0049	ND	NC
Acetone	ND	**0.0071**	NC

* RPD is above the allowable maximum 35%

Results are in units of mg/kg.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

TAL Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 26B0173

S1= 26SB-1 (15-17) **S2=** Field Dup-020426

Analyte	S1	S2	RPD (%)	
aluminum	8360	8200	2%	
antimony	ND	ND	NC	
arsenic	1.93	1.72	12%	
barium	53.9	42.4	24%	
beryllium	0.335	0.324	3%	
cadmium	ND	ND	NC	
calcium	18200	21600	17%	
chromium	21.4	15	35%	
cobalt	7.79	7.38	5%	
copper	20.5	16.6	21%	
iron	14100	12900	9%	
lead	12	7.35	48%	*
magnesium	8560	13400	44%	*
manganese	251	238	5%	
mercury	ND	ND	NC	
nickel	15.9	15	6%	
potassium	2270	2070	9%	
selenium	ND	ND	NC	
silver	ND	ND	NC	
sodium	327	361	10%	
thallium	ND	ND	NC	
vanadium	23.2	22.8	2%	
zinc	43.5	39.5	10%	

* RPD is above the allowable maximum 35%

Results are in units of mg/Kg.

Bold numbers were values that below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

APPENDIX H

LABORATORY ANALYTICAL REPORTS & DATA USABILITY SUMMARY REPORT FOR GROUNDWATER SAMPLES

LABORATORY ANALYTICAL REPORTS

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 06/16/2025
Client Project ID: 32-20 38th Avenue Queens
York Project (SDG) No.: 25E0936

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 06/16/2025
Client Project ID: 32-20 38th Avenue Queens
York Project (SDG) No.: 25E0936

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 14, 2025 and listed below. The project was identified as your project: **32-20 38th Avenue Queens**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25E0936-01	MW-1	Ground Water	05/14/2025	05/14/2025
25E0936-02	MW-7	Ground Water	05/14/2025	05/14/2025
25E0936-03	FB-1	Water	05/14/2025	05/14/2025
25E0936-04	TB-1	Water	05/14/2025	05/14/2025

General Notes for York Project (SDG) No.: 25E0936

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 06/16/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25E0936-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25E0936-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25E0936-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/21/2025 17:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.3 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*14.5 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.0 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.7 %*	S-08	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.0 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.7 %*		*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25E0936-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 00:12	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	05/15/2025 08:29	05/19/2025 13:56	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*36.6-118*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**6.11**		ng/L	0.481	1.81	1	EPA 1633 Draft 3	05/16/2025 15:06	05/19/2025 10:44	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**62.8**		ng/L	0.358	2.05	1	EPA 1633 Draft 3	05/16/2025 15:06	05/19/2025 10:44	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25E0936-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**15.2**		ng/L	0.727	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**15.3**		ng/L	0.696	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
335-67-1	**Perfluorooctanoic acid (PFOA)**	**43.0**		ng/L	0.430	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**4.00**		ng/L	0.839	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.532	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.768	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.16	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.901	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.757	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.706	2.05	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.809	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.05	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**85.4**		ng/L	0.235	4.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.901	2.05	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.931	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.35	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.68	7.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.10	7.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**28.3**		ng/L	0.338	8.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.512	3.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 10:44	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.19	4.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 10:44	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.256	4.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 10:44	ESJ

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25E0936-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.379	4.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 10:44	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.778	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.83	7.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.31	8.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.41	7.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.716	7.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
919005-14-4	ADONA	ND		ng/L	0.542	7.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.952	1.99	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 10:44	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.880	1.97	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 10:44	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.08	5.12	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 10:44	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.50	25.6	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 10:44	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.69	25.6	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 10:44	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.08	20.5	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 10:44	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.62	2.05	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 10:44	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.08	20.5	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 10:44	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.84	2.05	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 10:44	ESJ

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*128 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*131 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*147 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*125 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*122 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*81.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*57.2 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*34.0 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*75.3 %*	*25-150*

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25E0936-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*137 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*115 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*104 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*89.2 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*109 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*115 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*149 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*45.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*140 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*34.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*35.8 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00250	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25E0936-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0125	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00500	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.125	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.250	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0125	1	EPA 8081B	05/20/2025 08:40	05/21/2025 00:11	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	1	EPA 8082A	05/20/2025 08:32	05/21/2025 00:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	1	EPA 8082A	05/20/2025 08:32	05/21/2025 00:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	1	EPA 8082A	05/20/2025 08:32	05/21/2025 00:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	1	EPA 8082A	05/20/2025 08:32	05/21/2025 00:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	1	EPA 8082A	05/20/2025 08:32	05/21/2025 00:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **25E0936-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	1	EPA 8082A	05/20/2025 08:32	05/21/2025 00:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	1	EPA 8082A	05/20/2025 08:32	05/21/2025 00:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0625	1	EPA 8082A	05/20/2025 08:32	05/21/2025 00:10	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2.12**		mg/L	0.0556	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0918**		mg/L	0.0278	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**124**	M-BS	mg/L	0.0556	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.0337**		mg/L	0.00556	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**2.87**		mg/L	0.278	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**35.6**		mg/L	0.0556	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.120**		mg/L	0.00556	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**4.70**		mg/L	0.0556	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**192**		mg/L	0.556	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25E0936-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0697**		mg/L	0.0278	1	EPA 6010D	05/15/2025 14:54	05/16/2025 12:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0602**		mg/L	0.0278	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**114**	M-BS	mg/L	0.0556	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.0286**		mg/L	0.00556	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**34.0**		mg/L	0.0556	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**4.15**		mg/L	0.0556	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**182**		mg/L	0.556	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/15/2025 15:01	05/19/2025 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25E0936-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/15/2025 15:23	05/19/2025 16:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.54**		ug/L	1.11	1	EPA 6020B	05/15/2025 15:23	05/19/2025 16:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.698**		ug/L	0.333	1	EPA 6020B	05/15/2025 15:23	05/19/2025 16:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.729**		ug/L	0.556	1	EPA 6020B	05/15/2025 15:23	05/19/2025 16:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**3.28**		ug/L	1.11	1	EPA 6020B	05/15/2025 15:23	05/19/2025 16:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/15/2025 15:23	05/19/2025 16:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	11.1	1	EPA 6020B	05/15/2025 15:12	05/16/2025 16:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	11.1	1	EPA 6020B	05/15/2025 15:12	05/16/2025 16:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	3.33	1	EPA 6020B	05/15/2025 15:12	05/16/2025 16:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	5.56	1	EPA 6020B	05/15/2025 15:12	05/16/2025 16:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	11.1	1	EPA 6020B	05/15/2025 15:12	05/16/2025 16:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	11.1	1	EPA 6020B	05/15/2025 15:12	05/16/2025 16:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.0746**		mg/L	0.0100	1	EPA 7196A	05/14/2025 22:23	05/14/2025 23:35	SML
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/20/2025 14:40	05/20/2025 17:32	sml
							Certifications:			

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25E0936-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
71-55-6	1,1,1-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
79-00-5	1,1,2-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
75-34-3	1,1-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
75-35-4	1,1-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
87-61-6	1,2,3-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
96-18-4	1,2,3-Trichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
120-82-1	1,2,4-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
95-63-6	1,2,4-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
106-93-4	1,2-Dibromoethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
95-50-1	1,2-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
107-06-2	1,2-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
78-87-5	1,2-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
108-67-8	1,3,5-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
541-73-1	1,3-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
142-28-9	1,3-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
106-46-7	1,4-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **25E0936-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	U	UG/L	40	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
591-78-6	2-Hexanone	ND	U	UG/L	2	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
99-87-6	4-Isopropyltoluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
108-10-1	4-Methyl-2-pentanone	ND	U	UG/L	20	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
67-64-1	Acetone	ND	U	UG/L	5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
107-02-8	Acrolein	ND	U	UG/L	3.1	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
107-13-1	Acrylonitrile	ND	U	UG/L	2.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
71-43-2	Benzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
74-97-5	Bromochloromethane	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
75-27-4	Bromodichloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
75-25-2	Bromoform	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
74-83-9	Bromomethane	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
75-15-0	Carbon Disulfide	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
56-23-5	Carbon Tetrachloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
108-90-7	Chlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
75-00-3	Chloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
67-66-3	**Chloroform**	**1.3**		UG/L	0.51	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
74-87-3	Chloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
156-59-2	cis-1,2-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
10061-01-5	cis-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
110-82-7	Cyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **25E0936-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
74-95-3	Dibromomethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
75-09-2	Dichloromethane	ND	U	UG/L	0.65	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
100-41-4	Ethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
87-68-3	Hexachloro-1,3-butadiene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
98-82-8	Isopropylbenzene (Cumene)	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
108-38-3/106-42-	m+p-Xylenes	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
79-20-9	Methyl Acetate	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
78-93-3	Methyl Ethyl Ketone	ND	U	UG/L	5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
1634-04-4	Methyl tert-Butyl Ether	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
108-87-2	Methylcyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
91-20-3	Naphthalene	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
104-51-8	n-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
103-65-1	n-Propylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
95-47-6	o-Xylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
135-98-8	sec-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
100-42-5	Styrene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
75-65-0	tert-Butyl Alcohol	ND	U	UG/L	20	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
98-06-6	tert-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS
127-18-4	**Tetrachloroethene**	**54**		UG/L	0.5	1	8260D Certifications:	05/22/2025 01:38	05/22/2025 01:38	ALS

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25E0936-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Analyzed by: ALS_R

8260D **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**0.46**	Ja	UG/L	0.5	1	8260D	05/22/2025 01:38	05/22/2025 01:38	ALS
							Certifications:			
156-60-5	trans-1,2-Dichloroethene	ND	U	UG/L	0.5	1	8260D	05/22/2025 01:38	05/22/2025 01:38	ALS
							Certifications:			
10061-02-6	trans-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D	05/22/2025 01:38	05/22/2025 01:38	ALS
							Certifications:			
79-01-6	**Trichloroethene**	**11**		UG/L	0.5	1	8260D	05/22/2025 01:38	05/22/2025 01:38	ALS
							Certifications:			
75-69-4	**Trichlorofluoromethane**	**0.37**	Ja	UG/L	0.5	1	8260D	05/22/2025 01:38	05/22/2025 01:38	ALS
							Certifications:			
75-01-4	Vinyl chloride	ND	U	UG/L	0.5	1	8260D	05/22/2025 01:38	05/22/2025 01:38	ALS
							Certifications:			
1330-20-7	Xylenes, total	ND	U	UG/L	0.5	1	8260D	05/22/2025 01:38	05/22/2025 01:38	ALS
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: 4-Bromofluorobenzene*	*89 %*	*85-122*
1868-53-7	*Surrogate: Dibromofluoromethane*	*87 %*	*80-116*
2037-26-5	*Surrogate: Toluene-d8*	*88 %*	*87-121*

Analyzed by: Phoenix Environmental Labs, Inc.

SW7470A **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	SW7470A	05/16/2025 00:00	05/19/2025 14:48	CT007
								Certifications:			
7439-97-6	Mercury (Dissolved)	ND		mg/L	0.0002	0.0002	1	SW7470A	05/17/2025 00:00	05/20/2025 07:19	CT007
								Certifications:			

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **25E0936-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**7.01**		ng/L	0.495	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**32.4**		ng/L	0.369	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**9.01**		ng/L	0.748	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**9.80**		ng/L	0.717	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
335-67-1	**Perfluorooctanoic acid (PFOA)**	**42.1**		ng/L	0.443	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.864	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.548	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.790	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.19	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.927	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.780	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.727	2.11	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.832	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.09	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**43.6**		ng/L	0.242	4.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.927	2.11	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**6.18**		ng/L	0.959	2.01	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.39	2.03	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.90	8.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.16	8.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**18.3**		ng/L	0.348	8.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E0936-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.527	3.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 11:32	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.26	4.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 11:32	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.263	4.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 11:32	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.390	4.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 11:32	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.801	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.89	7.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.40	8.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.45	7.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.738	7.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
919005-14-4	ADONA	ND		ng/L	0.558	7.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.980	2.04	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:32	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.906	2.02	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:32	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.14	5.27	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:32	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.72	26.3	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:32	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.98	26.3	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:32	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.20	21.1	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:32	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.66	2.11	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:32	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.20	21.1	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:32	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.90	2.11	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:32	ESJ

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*115 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.1 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*	*25-150*

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E0936-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Ground Water	May 14, 2025 9:40 am	05/14/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*111 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*120 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*85.4 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*54.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*31.3 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*18.2 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*104 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*111 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*101 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*184 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*125 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*232 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*76.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*51.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*113 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*43.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*45.4 %*			*25-150*						

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Semi-Volatiles, 8270 - Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/19/2025 09:20	05/28/2025 16:10	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*21.7 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*12.8 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*37.2 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.9 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*67.8 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.7 %*		*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/19/2025 09:25	05/23/2025 00:42	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	05/15/2025 08:29	05/19/2025 14:11	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*104 %*	*36.6-118*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.435	1.64	1	EPA 1633 Draft 3	05/16/2025 15:06	05/19/2025 11:48	ESJ
								Certifications:	NELAC-NY12058,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.324	1.85	1	EPA 1633 Draft 3	05/16/2025 15:06	05/19/2025 11:48	ESJ
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.657	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.629	1.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.389	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.759	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.481	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.694	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.05	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.685	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.639	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.731	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.953	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.213	3.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.842	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.22	1.79	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.94	7.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.90	7.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.305	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.463	3.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 11:48	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.98	3.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 11:48	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.231	3.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 11:48	ESJ

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.342	3.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 11:48	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.703	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.66	6.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.99	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.28	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.648	6.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
919005-14-4	ADONA	ND		ng/L	0.491	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.861	1.80	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:48	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.796	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 11:48	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.88	4.63	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:48	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.78	23.1	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:48	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.77	23.1	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:48	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.69	18.5	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:48	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.85	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:48	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.69	18.5	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:48	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.67	1.85	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 11:48	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*113 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*119 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*129 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*133 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*115 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*114 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*12.9 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*118 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*63.6 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*116 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*130 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*118 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*116 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*123 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*107 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*123 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*110 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*131 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*101 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*82.5 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	05/19/2025 08:24	05/20/2025 02:31	RJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*28.8 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.5 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	05/19/2025 08:04	05/20/2025 08:01	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	05/19/2025 08:04	05/20/2025 08:01	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	05/19/2025 08:04	05/20/2025 08:01	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	05/19/2025 08:04	05/20/2025 08:01	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	05/19/2025 08:04	05/20/2025 08:01	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	05/19/2025 08:04	05/20/2025 08:01	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	05/19/2025 08:04	05/20/2025 08:01	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	05/19/2025 08:04	05/20/2025 08:01	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.0 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.410**	M-BS, B	mg/L	0.0556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**0.0961**	M-CCV 1	mg/L	0.0556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**0.872**	M-BS, M-CCV 1	mg/L	0.556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/19/2025 09:11	05/19/2025 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/15/2025 15:23	05/19/2025 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.56**		ug/L	1.11	1	EPA 6020B	05/15/2025 15:23	05/19/2025 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/15/2025 15:23	05/19/2025 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/15/2025 15:23	05/19/2025 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**2.85**		ug/L	1.11	1	EPA 6020B	05/15/2025 15:23	05/19/2025 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	**Thallium**	**2.57**		ug/L	1.11	1	EPA 6020B	05/15/2025 15:23	05/19/2025 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/14/2025 22:23	05/14/2025 23:35	SML
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	05/20/2025 14:40	05/20/2025 17:32	sml
							Certifications:			

Analyzed by: ALS_R

8260D

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Analyzed by: ALS_R

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
71-55-6	1,1,1-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
79-00-5	1,1,2-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
75-34-3	1,1-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
75-35-4	1,1-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
87-61-6	1,2,3-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
96-18-4	1,2,3-Trichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
120-82-1	1,2,4-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
95-63-6	1,2,4-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
106-93-4	1,2-Dibromoethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
95-50-1	1,2-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
107-06-2	1,2-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
78-87-5	1,2-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
108-67-8	1,3,5-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
541-73-1	1,3-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
142-28-9	1,3-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
106-46-7	1,4-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
123-91-1	1,4-Dioxane	ND	U	UG/L	40	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	U	UG/L	2	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
99-87-6	4-Isopropyltoluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
108-10-1	4-Methyl-2-pentanone	ND	U	UG/L	20	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
67-64-1	Acetone	ND	U	UG/L	5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
107-02-8	Acrolein	ND	U	UG/L	3.1	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
107-13-1	Acrylonitrile	ND	U	UG/L	2.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
71-43-2	Benzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
74-97-5	Bromochloromethane	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
75-27-4	Bromodichloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
75-25-2	Bromoform	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
74-83-9	Bromomethane	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
75-15-0	Carbon Disulfide	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
56-23-5	Carbon Tetrachloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
108-90-7	Chlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
75-00-3	Chloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
67-66-3	Chloroform	ND	U	UG/L	0.51	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
74-87-3	Chloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
156-59-2	cis-1,2-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
10061-01-5	cis-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
110-82-7	Cyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
124-48-1	Dibromochloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
75-09-2	Dichloromethane	ND	U	UG/L	0.65	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
100-41-4	Ethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
87-68-3	Hexachloro-1,3-butadiene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
98-82-8	Isopropylbenzene (Cumene)	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
108-38-3/106-42-	m+p-Xylenes	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
79-20-9	Methyl Acetate	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
78-93-3	Methyl Ethyl Ketone	ND	U	UG/L	5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
1634-04-4	Methyl tert-Butyl Ether	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
108-87-2	Methylcyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
91-20-3	Naphthalene	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
104-51-8	n-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
103-65-1	n-Propylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
95-47-6	o-Xylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
135-98-8	sec-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
100-42-5	Styrene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
75-65-0	tert-Butyl Alcohol	ND	U	UG/L	20	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
98-06-6	tert-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
127-18-4	Tetrachloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
108-88-3	Toluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS

Sample Information

Client Sample ID: FB-1 **York Sample ID:** 25E0936-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 2:25 pm	05/14/2025

Analyzed by: ALS_R

8260D **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
10061-02-6	trans-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
79-01-6	Trichloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
75-69-4	Trichlorofluoromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
75-01-4	Vinyl chloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS
1330-20-7	Xylenes, total	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 01:15	05/22/2025 01:15	ALS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: 4-Bromofluorobenzene*	*91 %*	*85-122*
1868-53-7	*Surrogate: Dibromofluoromethane*	*86 %*	*80-116*
2037-26-5	*Surrogate: Toluene-d8*	*89 %*	*87-121*

Analyzed by: Phoenix Environmental Labs, Inc.

SW7470A **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00015	0.0002	1	SW7470A Certifications:	05/17/2025 00:00	05/19/2025 11:27	CT007

Sample Information

Client Sample ID: TB-1 **York Sample ID:** 25E0936-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 12:00 am	05/14/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
71-55-6	1,1,1-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
79-00-5	1,1,2-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
75-34-3	1,1-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
75-35-4	1,1-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
87-61-6	1,2,3-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
96-18-4	1,2,3-Trichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
120-82-1	1,2,4-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
95-63-6	1,2,4-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
106-93-4	1,2-Dibromoethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
95-50-1	1,2-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
107-06-2	1,2-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
78-87-5	1,2-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
108-67-8	1,3,5-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
541-73-1	1,3-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
142-28-9	1,3-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
106-46-7	1,4-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS

Sample Information

Client Sample ID: TB-1 **York Sample ID:** 25E0936-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 12:00 am	05/14/2025

Analyzed by: ALS_R

8260D **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	U	UG/L	40	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
591-78-6	2-Hexanone	ND	U	UG/L	2	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
99-87-6	4-Isopropyltoluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
108-10-1	4-Methyl-2-pentanone	ND	U	UG/L	20	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
67-64-1	Acetone	ND	U	UG/L	5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
107-02-8	Acrolein	ND	U	UG/L	3.1	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
107-13-1	Acrylonitrile	ND	U	UG/L	2.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
71-43-2	Benzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
74-97-5	Bromochloromethane	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
75-27-4	Bromodichloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
75-25-2	Bromoform	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
74-83-9	Bromomethane	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
75-15-0	Carbon Disulfide	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
56-23-5	Carbon Tetrachloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
108-90-7	Chlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
75-00-3	Chloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
67-66-3	Chloroform	ND	U	UG/L	0.51	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
74-87-3	Chloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
156-59-2	cis-1,2-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
10061-01-5	cis-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
110-82-7	Cyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS

Sample Information

Client Sample ID: TB-1 **York Sample ID:** 25E0936-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 12:00 am	05/14/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
74-95-3	Dibromomethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
75-09-2	Dichloromethane	ND	U	UG/L	0.65	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
100-41-4	Ethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
87-68-3	Hexachloro-1,3-butadiene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
98-82-8	Isopropylbenzene (Cumene)	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
108-38-3/106-42-	m+p-Xylenes	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
79-20-9	Methyl Acetate	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
78-93-3	Methyl Ethyl Ketone	ND	U	UG/L	5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
1634-04-4	Methyl tert-Butyl Ether	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
108-87-2	Methylcyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
91-20-3	Naphthalene	ND	U	UG/L	1	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
104-51-8	n-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
103-65-1	n-Propylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
95-47-6	o-Xylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
135-98-8	sec-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
100-42-5	Styrene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
75-65-0	tert-Butyl Alcohol	ND	U	UG/L	20	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
98-06-6	tert-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
127-18-4	Tetrachloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS

Sample Information

Client Sample ID: TB-1 **York Sample ID:** 25E0936-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0936	32-20 38th Avenue Queens	Water	May 14, 2025 12:00 am	05/14/2025

Analyzed by: ALS_R

8260D **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
156-60-5	trans-1,2-Dichloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
10061-02-6	trans-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
79-01-6	Trichloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
75-69-4	Trichlorofluoromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
75-01-4	Vinyl chloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS
1330-20-7	Xylenes, total	ND	U	UG/L	0.5	1	8260D Certifications:	05/22/2025 00:53	05/22/2025 00:53	ALS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: 4-Bromofluorobenzene*	*89 %*	*85-122*
1868-53-7	*Surrogate: Dibromofluoromethane*	*88 %*	*80-116*
2037-26-5	*Surrogate: Toluene-d8*	*89 %*	*87-121*

Analytical Batch Summary

Batch ID: 784733A **Preparation Method:** SW7470A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01RE1	MW-1	05/16/25
CT27045-BLK	BLK	05/16/25
CT27045-LCS	LCS	05/16/25

Batch ID: 784901A **Preparation Method:** SW7470A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-03	FB-1	05/17/25
CT30075-BLK	BLK	05/17/25
CT30075-LCS	LCS	05/17/25

Batch ID: 784903A **Preparation Method:** SW7470A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/17/25
CT28768-BLK	BLK	05/17/25
CT28768-DUP	DUP	05/17/25
CT28768-LCS	LCS	05/17/25
CT28768-MS	MS	05/17/25
CT28768-MSD	MSD	05/17/25

Batch ID: 879981 **Preparation Method:** EPA 5030C **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/22/25
25E0936-03	FB-1	05/22/25
25E0936-04	TB-1	05/22/25
879981-LCS1	LCS	05/21/25
879981-MB1	Blank	05/22/25
RQ2505999-04	Matrix Spike	05/22/25
RQ2505999-05	Matrix Spike Dup	05/22/25

Batch ID: BE51130 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/14/25
25E0936-03	FB-1	05/14/25
BE51130-BLK1	Blank	05/14/25
BE51130-BS1	LCS	05/14/25
BE51130-DUP1	Duplicate	05/14/25
BE51130-MS1	Matrix Spike	05/14/25
BE51130-MSD1	Matrix Spike Dup	05/14/25

Batch ID: BE51213 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/15/25
BE51213-BLK1	Blank	05/15/25
BE51213-BS1	LCS	05/15/25
BE51213-DUP1	Duplicate	05/15/25
BE51213-MS1	Matrix Spike	05/15/25
BE51213-PS1	Post Spike	05/15/25

Batch ID: BE51216 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/15/25
BE51216-BLK1	Blank	05/15/25
BE51216-BS1	LCS	05/15/25
BE51216-DUP1	Duplicate	05/15/25
BE51216-MS1	Matrix Spike	05/15/25
BE51216-PS1	Post Spike	05/15/25

Batch ID: BE51219 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/15/25
BE51219-BLK1	Blank	05/15/25
BE51219-BS1	LCS	05/15/25
BE51219-DUP1	Duplicate	05/15/25
BE51219-MS1	Matrix Spike	05/15/25

Batch ID: BE51227 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/15/25
25E0936-03	FB-1	05/15/25
BE51227-BLK1	Blank	05/15/25
BE51227-BS1	LCS	05/15/25
BE51227-DUP1	Duplicate	05/15/25
BE51227-MS1	Matrix Spike	05/15/25

Batch ID: BE51310 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/16/25
25E0936-02	MW-7	05/16/25
25E0936-03	FB-1	05/16/25
BE51310-BLK1	Blank	05/16/25
BE51310-BS1	LCS	05/16/25

BE51310-BS2	LCS	05/16/25
BE51310-MS2	Matrix Spike	05/21/25

Batch ID: BE51327 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-03	FB-1	05/19/25
BE51327-BLK1	Blank	05/19/25
BE51327-BS2	LCS	05/19/25
BE51327-BSD2	LCS Dup	05/19/25

Batch ID: BE51388 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-03	FB-1	05/19/25
BE51388-BLK1	Blank	05/19/25
BE51388-BS1	LCS	05/19/25
BE51388-BSD1	LCS Dup	05/19/25

Batch ID: BE51396 **Preparation Method:** EPA 3535A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/15/25
25E0936-03	FB-1	05/15/25
BE51396-BLK1	Blank	05/19/25
BE51396-BS1	LCS	05/19/25
BE51396-MS1	Matrix Spike	05/19/25
BE51396-MSD1	Matrix Spike Dup	05/19/25

Batch ID: BE51410 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-03	FB-1	05/19/25
BE51410-BLK1	Blank	05/19/25
BE51410-BS1	LCS	05/19/25

Batch ID: BE51413 **Preparation Method:** EPA 3510C **Prepared By:** AM2

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-03	FB-1	05/19/25

Batch ID: BE51415 **Preparation Method:** EPA 3510C **Prepared By:** AM2

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-03	FB-1	05/19/25
BE51415-BLK2	Blank	05/19/25
BE51415-BS2	LCS	05/19/25

Batch ID: BE51498 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/20/25
BE51498-BLK1	Blank	05/20/25
BE51498-BS2	LCS	05/20/25
BE51498-MS2	Matrix Spike	05/20/25
BE51498-MSD2	Matrix Spike Dup	05/20/25

Batch ID: BE51502 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/20/25
BE51502-BLK1	Blank	05/20/25
BE51502-BS1	LCS	05/20/25
BE51502-MS1	Matrix Spike	05/20/25
BE51502-MSD1	Matrix Spike Dup	05/20/25

Batch ID: BE51565 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/20/25
25E0936-03	FB-1	05/20/25

Batch ID: BE51609 **Preparation Method:** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/21/25
BE51609-BLK1	Blank	05/21/25
BE51609-BS1	LCS	05/21/25
BE51609-MS1	Matrix Spike	05/21/25
BE51609-MSD1	Matrix Spike Dup	05/21/25

Batch ID: BE51610 **Preparation Method:** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25E0936-01	MW-1	05/21/25
BE51610-BLK2	Blank	05/21/25
BE51610-BS2	LCS	05/21/25

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51415 - EPA 3510C											
Blank (BE51415-BLK2)											Prepared: 05/19/2025 Analyzed: 05/20/2025
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BE51415-BS2)											Prepared: 05/19/2025 Analyzed: 05/20/2025
Acenaphthene	0.630	0.0500	ug/L	1.00		63.0	25-116				
Acenaphthylene	0.680	0.0500	"	1.00		68.0	26-116				
Anthracene	0.700	0.0500	"	1.00		70.0	25-123				
Benzo(a)anthracene	0.810	0.0500	"	1.00		81.0	33-125				
Benzo(a)pyrene	0.740	0.0500	"	1.00		74.0	32-132				
Benzo(b)fluoranthene	0.840	0.0500	"	1.00		84.0	22-137				
Benzo(g,h,i)perylene	0.690	0.0500	"	1.00		69.0	10-138				
Benzo(k)fluoranthene	0.800	0.0500	"	1.00		80.0	20-137				
Bis(2-ethylhexyl)phthalate	1.02	0.500	"	1.00		102	10-189				
Chrysene	0.820	0.0500	"	1.00		82.0	32-124				
Dibenzo(a,h)anthracene	0.600	0.0500	"	1.00		60.0	16-133				
Fluoranthene	0.820	0.0500	"	1.00		82.0	32-121				
Fluorene	0.690	0.0500	"	1.00		69.0	28-118				
Hexachlorobenzene	0.760	0.0200	"	1.00		76.0	23-124				
Hexachlorobutadiene	0.520	0.500	"	1.00		52.0	15-123				
Hexachloroethane	2.01	0.500	"	1.00		201	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.640	0.0500	"	1.00		64.0	15-135				
Naphthalene	0.600	0.0500	"	1.00		60.0	18-120				
Nitrobenzene	0.330	0.250	"	1.00		33.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.510	0.250	"	1.00		51.0	10-156				
Phenanthrene	0.730	0.0500	"	1.00		73.0	24-127				
Pyrene	0.840	0.0500	"	1.00		84.0	31-132				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51609 - EPA 3510C											
Blank (BE51609-BLK1)											
Prepared & Analyzed: 05/21/2025											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*17.2*		"	*50.0*		*34.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.64*		"	*50.0*		*17.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.1*		"	*25.0*		*48.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.8*		"	*25.0*		*63.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*44.6*		"	*50.0*		*89.2*	*39.3-151*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

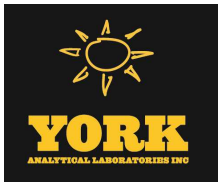
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51609 - EPA 3510C											
Blank (BE51609-BLK1)								Prepared & Analyzed: 05/21/2025			
Surrogate: SURR: Terphenyl-d14	*22.1*		*ug/L*	*25.0*		*88.5*	*30.7-106*				
LCS (BE51609-BS1)								Prepared & Analyzed: 05/21/2025			
1,1-Biphenyl	17.8	5.00	ug/L	25.0		71.3	33-95				
1,2,4,5-Tetrachlorobenzene	12.7	5.00	"	25.0		50.9	26-120				
2,3,4,6-Tetrachlorophenol	16.9	5.00	"	25.0		67.6	30-130				
2,4,5-Trichlorophenol	19.2	5.00	"	25.0		76.6	32-114				
2,4,6-Trichlorophenol	19.0	5.00	"	25.0		76.2	35-118				
2,4-Dichlorophenol	17.5	5.00	"	25.0		69.8	25-116				
2,4-Dimethylphenol	15.6	5.00	"	25.0		62.5	15-116				
2,4-Dinitrophenol	5.80	5.00	"	25.0		23.2	10-170				
2,4-Dinitrotoluene	23.0	5.00	"	25.0		92.0	41-128				
2,6-Dinitrotoluene	22.0	5.00	"	25.0		88.1	45-116				
2-Chloronaphthalene	17.4	5.00	"	25.0		69.6	33-112				
2-Chlorophenol	16.5	5.00	"	25.0		66.2	15-120				
2-Methylnaphthalene	13.2	5.00	"	25.0		52.9	24-118				
2-Methylphenol	13.3	5.00	"	25.0		53.1	10-110				
2-Nitroaniline	23.7	5.00	"	25.0		94.8	34-129				
2-Nitrophenol	18.2	5.00	"	25.0		72.8	28-118				
3- & 4-Methylphenols	11.1	5.00	"	25.0		44.6	10-107				
3,3-Dichlorobenzidine	10.5	5.00	"	25.0		42.0	15-187				
3-Nitroaniline	17.0	5.00	"	25.0		68.2	24-134				
4,6-Dinitro-2-methylphenol	15.6	5.00	"	25.0		62.3	10-153				
4-Bromophenyl phenyl ether	18.1	5.00	"	25.0		72.3	34-120				
4-Chloro-3-methylphenol	19.3	5.00	"	25.0		77.1	20-120				
4-Chloroaniline	11.1	5.00	"	25.0		44.6	10-147				
4-Chlorophenyl phenyl ether	16.4	5.00	"	25.0		65.4	27-121				
4-Nitroaniline	19.4	5.00	"	25.0		77.4	13-134				
4-Nitrophenol	8.54	5.00	"	25.0		34.2	10-131				
Acetophenone	16.3	5.00	"	25.0		65.1	25-110				
Benzaldehyde	10.2	5.00	"	25.0		40.7	29-117				
Benzyl butyl phthalate	30.2	5.00	"	25.0		121	29-133				
Bis(2-chloroethoxy)methane	15.7	5.00	"	25.0		62.7	10-154				
Bis(2-chloroethyl)ether	14.6	5.00	"	25.0		58.5	17-125				
Bis(2-chloroisopropyl)ether	17.8	5.00	"	25.0		71.0	10-139				
Caprolactam	4.26	5.00	"	25.0		17.0	10-137				
Carbazole	24.6	5.00	"	25.0		98.6	42-126				
Dibenzofuran	18.2	5.00	"	25.0		73.0	36-113				
Diethyl phthalate	22.7	5.00	"	25.0		90.8	38-115				
Dimethyl phthalate	23.6	5.00	"	25.0		94.5	38-129				
Di-n-butyl phthalate	27.8	5.00	"	25.0		111	31-120				
Di-n-octyl phthalate	33.2	5.00	"	25.0		133	21-149				
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Isophorone	15.0	5.00	"	25.0		60.0	25-127				
N-nitroso-di-n-propylamine	13.4	5.00	"	25.0		53.5	26-122				
N-Nitrosodiphenylamine	24.3	5.00	"	25.0		97.1	23-149				
Phenol	5.97	5.00	"	25.0		23.9	10-110				
Pyridine	4.74	5.00	"	35.0		13.5	10-90				
Surrogate: SURR: 2-Fluorophenol	*18.4*		*"*	*50.0*		*36.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.93*		*"*	*50.0*		*19.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.6*		*"*	*25.0*		*50.6*	*50.2-113*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51609 - EPA 3510C											
LCS (BE51609-BS1)								Prepared & Analyzed: 05/21/2025			
Surrogate: SURR: 2-Fluorobiphenyl	*16.7*		*ug/L*	*25.0*		*66.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*47.5*		*"*	*50.0*		*95.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*22.6*		*"*	*25.0*		*90.4*	*30.7-106*				
Matrix Spike (BE51609-MS1)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/21/2025			
1,1-Biphenyl	16.2	5.00	ug/L	25.0	ND	64.6	26-79				
1,2,4,5-Tetrachlorobenzene	12.0	5.00	"	25.0	ND	47.8	33-90				
2,3,4,6-Tetrachlorophenol	16.8	5.00	"	25.0	ND	67.0	30-130				
2,4,5-Trichlorophenol	17.9	5.00	"	25.0	ND	71.5	43-96				
2,4,6-Trichlorophenol	17.5	5.00	"	25.0	ND	70.1	46-94				
2,4-Dichlorophenol	17.1	5.00	"	25.0	ND	68.5	26-101				
2,4-Dimethylphenol	16.5	5.00	"	25.0	ND	66.0	10-104				
2,4-Dinitrophenol	6.20	5.00	"	25.0	ND	24.8	10-146				
2,4-Dinitrotoluene	21.3	5.00	"	25.0	ND	85.4	30-108				
2,6-Dinitrotoluene	20.4	5.00	"	25.0	ND	81.5	38-98				
2-Chloronaphthalene	16.4	5.00	"	25.0	ND	65.4	30-89				
2-Chlorophenol	15.3	5.00	"	25.0	ND	61.2	24-98				
2-Methylnaphthalene	13.3	5.00	"	25.0	ND	53.3	10-112				
2-Methylphenol	13.4	5.00	"	25.0	ND	53.7	10-134				
2-Nitroaniline	22.4	5.00	"	25.0	ND	89.8	25-110				
2-Nitrophenol	17.1	5.00	"	25.0	ND	68.4	10-139				
3- & 4-Methylphenols	11.4	5.00	"	25.0	ND	45.7	10-91				
3,3-Dichlorobenzidine	7.69	5.00	"	25.0	ND	30.8	10-140				
3-Nitroaniline	18.5	5.00	"	25.0	ND	74.2	22-111				
4,6-Dinitro-2-methylphenol	14.0	5.00	"	25.0	ND	56.0	10-140				
4-Bromophenyl phenyl ether	16.0	5.00	"	25.0	ND	64.2	30-108				
4-Chloro-3-methylphenol	18.5	5.00	"	25.0	ND	74.1	11-109				
4-Chloroaniline	12.6	5.00	"	25.0	ND	50.6	10-116				
4-Chlorophenyl phenyl ether	15.4	5.00	"	25.0	ND	61.5	39-85				
4-Nitroaniline	20.5	5.00	"	25.0	ND	81.8	11-132				
4-Nitrophenol	8.44	5.00	"	25.0	ND	33.8	10-82				
Acetophenone	16.0	5.00	"	25.0	ND	64.0	14-102				
Benzaldehyde	10.7	5.00	"	25.0	ND	43.0	13-87				
Benzyl butyl phthalate	24.5	5.00	"	25.0	ND	98.0	10-133				
Bis(2-chloroethoxy)methane	15.0	5.00	"	25.0	ND	60.2	18-105				
Bis(2-chloroethyl)ether	14.5	5.00	"	25.0	ND	58.0	10-108				
Bis(2-chloroisopropyl)ether	16.5	5.00	"	25.0	ND	66.0	13-116				
Caprolactam	3.67	5.00	"	25.0	ND	14.7	10-75				
Carbazole	23.3	5.00	"	25.0	ND	93.3	36-108				
Dibenzofuran	17.2	5.00	"	25.0	ND	68.8	34-92				
Diethyl phthalate	20.3	5.00	"	25.0	ND	81.2	33-98				
Dimethyl phthalate	21.2	5.00	"	25.0	ND	84.8	18-116				
Di-n-butyl phthalate	24.3	5.00	"	25.0	ND	97.0	25-97				
Di-n-octyl phthalate	28.6	5.00	"	25.0	ND	115	10-137				
Hexachlorocyclopentadiene	ND	10.0	"	25.0	ND		10-79	Low Bias			
Isophorone	14.3	5.00	"	25.0	ND	57.4	25-103				
N-nitroso-di-n-propylamine	12.9	5.00	"	25.0	ND	51.5	19-115				
N-Nitrosodiphenylamine	21.0	5.00	"	25.0	ND	84.0	31-112				
Phenol	5.52	5.00	"	25.0	ND	22.1	10-61				
Pyridine	ND	5.00	"	35.0	ND		10-78	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*15.9*		*"*	*50.0*		*31.8*	*19.7-63.1*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51609 - EPA 3510C											
Matrix Spike (BE51609-MS1)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/21/2025			
Surrogate: SURR: Phenol-d6	*9.23*		*ug/L*	*50.0*		*18.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*11.7*		*"*	*25.0*		*47.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.9*		*"*	*25.0*		*59.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*40.0*		*"*	*50.0*		*80.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.3*		*"*	*25.0*		*69.4*	*30.7-106*				
Matrix Spike Dup (BE51609-MSD1)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/21/2025			
1,1-Biphenyl	20.5	5.00	ug/L	25.0	ND	82.2	26-79	High Bias	23.9	25	
1,2,4,5-Tetrachlorobenzene	14.8	5.00	"	25.0	ND	59.2	33-90		21.2	25	
2,3,4,6-Tetrachlorophenol	20.1	5.00	"	25.0	ND	80.4	30-130		18.1	25	
2,4,5-Trichlorophenol	20.5	5.00	"	25.0	ND	82.2	43-96		13.9	25	
2,4,6-Trichlorophenol	21.1	5.00	"	25.0	ND	84.5	46-94		18.6	25	
2,4-Dichlorophenol	19.7	5.00	"	25.0	ND	78.7	26-101		13.9	25	
2,4-Dimethylphenol	19.7	5.00	"	25.0	ND	78.6	10-104		17.5	25	
2,4-Dinitrophenol	9.88	5.00	"	25.0	ND	39.5	10-146		45.8	25	Non-dir.
2,4-Dinitrotoluene	24.3	5.00	"	25.0	ND	97.3	30-108		13.1	25	
2,6-Dinitrotoluene	23.5	5.00	"	25.0	ND	94.0	38-98		14.2	25	
2-Chloronaphthalene	20.2	5.00	"	25.0	ND	80.9	30-89		21.2	25	
2-Chlorophenol	19.0	5.00	"	25.0	ND	75.9	24-98		21.5	25	
2-Methylnaphthalene	15.8	5.00	"	25.0	ND	63.4	10-112		17.2	25	
2-Methylphenol	16.0	5.00	"	25.0	ND	64.2	10-134		17.8	25	
2-Nitroaniline	25.2	5.00	"	25.0	ND	101	25-110		11.6	25	
2-Nitrophenol	20.4	5.00	"	25.0	ND	81.6	10-139		17.6	25	
3- & 4-Methylphenols	13.6	5.00	"	25.0	ND	54.4	10-91		17.4	25	
3,3-Dichlorobenzidine	9.13	5.00	"	25.0	ND	36.5	10-140		17.1	25	
3-Nitroaniline	16.7	5.00	"	25.0	ND	66.7	22-111		10.6	25	
4,6-Dinitro-2-methylphenol	18.4	5.00	"	25.0	ND	73.6	10-140		27.1	25	Non-dir.
4-Bromophenyl phenyl ether	20.6	5.00	"	25.0	ND	82.4	30-108		24.9	25	
4-Chloro-3-methylphenol	21.3	5.00	"	25.0	ND	85.2	11-109		13.9	25	
4-Chloroaniline	13.3	5.00	"	25.0	ND	53.3	10-116		5.31	25	
4-Chlorophenyl phenyl ether	18.3	5.00	"	25.0	ND	73.0	39-85		17.2	25	
4-Nitroaniline	20.8	5.00	"	25.0	ND	83.3	11-132		1.79	25	
4-Nitrophenol	11.6	5.00	"	25.0	ND	46.3	10-82		31.3	25	Non-dir.
Acetophenone	18.9	5.00	"	25.0	ND	75.6	14-102		16.7	25	
Benzaldehyde	10.4	5.00	"	25.0	ND	41.4	13-87		3.70	25	
Benzyl butyl phthalate	33.7	5.00	"	25.0	ND	135	10-133	High Bias	31.6	25	Non-dir.
Bis(2-chloroethoxy)methane	18.1	5.00	"	25.0	ND	72.6	18-105		18.7	25	
Bis(2-chloroethyl)ether	17.0	5.00	"	25.0	ND	68.1	10-108		15.9	25	
Bis(2-chloroisopropyl)ether	20.4	5.00	"	25.0	ND	81.6	13-116		21.2	25	
Caprolactam	4.34	5.00	"	25.0	ND	17.4	10-75		16.7	25	
Carbazole	27.0	5.00	"	25.0	ND	108	36-108		14.4	25	
Dibenzofuran	20.5	5.00	"	25.0	ND	81.9	34-92		17.4	25	
Diethyl phthalate	23.9	5.00	"	25.0	ND	95.6	33-98		16.2	25	
Dimethyl phthalate	24.9	5.00	"	25.0	ND	99.6	18-116		16.0	25	
Di-n-butyl phthalate	30.2	5.00	"	25.0	ND	121	25-97	High Bias	21.7	25	
Di-n-octyl phthalate	36.8	5.00	"	25.0	ND	147	10-137	High Bias	24.9	25	
Hexachlorocyclopentadiene	6.70	10.0	"	25.0	ND	26.8	10-79			25	
Isophorone	17.0	5.00	"	25.0	ND	68.0	25-103		17.0	25	
N-nitroso-di-n-propylamine	15.2	5.00	"	25.0	ND	60.6	19-115		16.2	25	
N-Nitrosodiphenylamine	26.8	5.00	"	25.0	ND	107	31-112		24.4	25	
Phenol	7.36	5.00	"	25.0	ND	29.4	10-61		28.6	25	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51609 - EPA 3510C											
Matrix Spike Dup (BE51609-MSD1)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/21/2025			
Pyridine	4.30	5.00	ug/L	35.0	ND	12.3	10-78			25	
Surrogate: SURR: 2-Fluorophenol	*21.8*		*"*	*50.0*		*43.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.1*		*"*	*50.0*		*24.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.1*		*"*	*25.0*		*56.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.9*		*"*	*25.0*		*75.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.1*		*"*	*50.0*		*100*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.6*		*"*	*25.0*		*98.6*	*30.7-106*				
Batch BE51610 - EPA 3510C											
Blank (BE51610-BLK2)								Prepared: 05/21/2025 Analyzed: 05/22/2025			
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

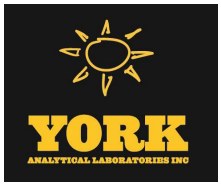
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51610 - EPA 3510C											
LCS (BE51610-BS2)								Prepared: 05/21/2025 Analyzed: 05/22/2025			
Acenaphthene	0.570	0.0500	ug/L	1.00		57.0	25-116				
Acenaphthylene	0.460	0.0500	"	1.00		46.0	26-116				
Anthracene	0.490	0.0500	"	1.00		49.0	25-123				
Benzo(a)anthracene	0.650	0.0500	"	1.00		65.0	33-125				
Benzo(a)pyrene	0.550	0.0500	"	1.00		55.0	32-132				
Benzo(b)fluoranthene	0.780	0.0500	"	1.00		78.0	22-137				
Benzo(g,h,i)perylene	0.810	0.0500	"	1.00		81.0	10-138				
Benzo(k)fluoranthene	0.770	0.0500	"	1.00		77.0	20-137				
Bis(2-ethylhexyl)phthalate	0.850	0.500	"	1.00		85.0	10-189				
Chrysene	0.710	0.0500	"	1.00		71.0	32-124				
Dibenzo(a,h)anthracene	0.770	0.0500	"	1.00		77.0	16-133				
Fluoranthene	0.690	0.0500	"	1.00		69.0	32-121				
Fluorene	0.610	0.0500	"	1.00		61.0	28-118				
Hexachlorobenzene	0.700	0.0200	"	1.00		70.0	23-124				
Hexachlorobutadiene	0.490	0.500	"	1.00		49.0	15-123				
Hexachloroethane	2.46	0.500	"	1.00		246	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.760	0.0500	"	1.00		76.0	15-135				
Naphthalene	0.580	0.0500	"	1.00		58.0	18-120				
Nitrobenzene	0.390	0.250	"	1.00		39.0	21-121				
N-Nitrosodimethylamine	0.330	0.500	"	1.00		33.0	10-124				
Pentachlorophenol	1.21	0.250	"	1.00		121	10-156				
Phenanthrene	0.640	0.0500	"	1.00		64.0	24-127				
Pyrene	0.650	0.0500	"	1.00		65.0	31-132				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51396 - EPA 3535A											
Blank (BE51396-BLK1)								Prepared & Analyzed: 05/19/2025			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*5.60*		*"*	*4.00*		*140*	*36.6-118*				
LCS (BE51396-BS1)								Prepared & Analyzed: 05/19/2025			
1,4-Dioxane	3.74	0.300	ug/L	4.00		93.6	50-130				
Surrogate: 1,4-Dioxane-d8	*3.84*		*"*	*4.00*		*96.0*	*36.6-118*				
Matrix Spike (BE51396-MS1)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/19/2025			
1,4-Dioxane	3.73	0.300	ug/L	4.00	ND	93.2	50-130				
Surrogate: 1,4-Dioxane-d8	*5.92*		*"*	*4.00*		*148*	*50-130*				
Matrix Spike Dup (BE51396-MSD1)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/19/2025			
1,4-Dioxane	3.73	0.300	ug/L	4.00	ND	93.2	50-130		0.00	30	
Surrogate: 1,4-Dioxane-d8	*3.52*		*"*	*4.00*		*88.0*	*50-130*				

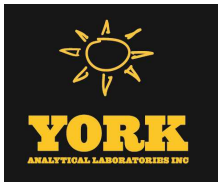


PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51310 - EPA 1633 Prep											
Blank (BE51310-BLK1)											
Prepared: 05/16/2025 Analyzed: 05/19/2025											
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*30.9*		*"*	*23.3*		*133*	*25-150*				
Surrogate: M5PFHxA	*31.5*		*"*	*25.0*		*126*	*25-150*				
Surrogate: M4PFHpA	*33.9*		*"*	*25.0*		*135*	*25-150*				
Surrogate: M3PFHxS	*32.3*		*"*	*23.7*		*136*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.5*		*"*	*25.0*		*122*	*25-150*				
Surrogate: M6PFDA	*16.0*		*"*	*12.5*		*128*	*25-150*				
Surrogate: M7PFUdA	*15.2*		*"*	*12.5*		*122*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.0*		*"*	*12.5*		*104*	*25-150*				
Surrogate: M2PFTeDA	*9.67*		*"*	*12.5*		*77.3*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51310 - EPA 1633 Prep											
Blank (BE51310-BLK1)								Prepared: 05/16/2025 Analyzed: 05/19/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.9*		*ng/L*	*100*		*10.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.9*		*"*	*24.0*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*38.9*		*"*	*50.0*		*77.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.8*		*"*	*25.0*		*131*	*10-150*				
Surrogate: d3-N-MeFOSAA	*66.4*		*"*	*50.0*		*133*	*25-150*				
Surrogate: d5-N-EtFOSAA	*69.4*		*"*	*50.0*		*139*	*25-150*				
Surrogate: M2-6:2 FTS	*62.2*		*"*	*47.6*		*131*	*25-200*				
Surrogate: M2-8:2 FTS	*61.9*		*"*	*48.0*		*129*	*25-200*				
Surrogate: M9PFNA	*14.5*		*"*	*12.5*		*116*	*25-150*				
Surrogate: M2-4:2 FTS	*56.9*		*"*	*46.9*		*121*	*25-150*				
Surrogate: d-N-MeFOSA	*26.9*		*"*	*25.0*		*107*	*25-150*				
Surrogate: d-N-EtFOSA	*26.4*		*"*	*25.0*		*106*	*25-150*				
Surrogate: M3HFPO-DA	*138*		*"*	*100*		*138*	*25-150*				
Surrogate: d9-N-EtFOSE	*193*		*"*	*250*		*77.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*195*		*"*	*250*		*78.0*	*25-150*				
LCS (BE51310-BS1)								Prepared: 05/16/2025 Analyzed: 05/19/2025			
Perfluorobutanesulfonic acid (PFBS)	36.4	1.77	ng/L	35.4		103	50-150				
Perfluorohexanoic acid (PFHxA)	42.3	2.00	"	40.0		106	50-150				
Perfluoroheptanoic acid (PFHpA)	42.9	2.00	"	40.0		107	50-150				
Perfluorohexanesulfonic acid (PFHxS)	41.0	1.83	"	36.6		112	50-150				
Perfluorooctanoic acid (PFOA)	41.6	2.00	"	40.0		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	43.2	1.86	"	37.2		116	50-150				
Perfluorononanoic acid (PFNA)	44.1	2.00	"	40.0		110	50-150				
Perfluorodecanoic acid (PFDA)	40.5	2.00	"	40.0		101	50-150				
Perfluoroundecanoic acid (PFUnA)	35.4	2.00	"	40.0		88.5	50-150				
Perfluorododecanoic acid (PFDoA)	42.7	2.00	"	40.0		107	50-150				
Perfluorotridecanoic acid (PFTrDA)	46.0	2.00	"	40.0		115	50-150				
Perfluorotetradecanoic acid (PFTA)	42.4	2.00	"	40.0		106	50-150				
N-MeFOSAA	41.6	2.00	"	40.0		104	50-150				
N-EtFOSAA	44.9	2.00	"	40.0		112	50-150				
Perfluoropentanoic acid (PFPeA)	85.5	4.00	"	80.0		107	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	44.2	2.00	"	40.0		110	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	44.1	1.91	"	38.2		115	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	38.7	1.93	"	38.6		100	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	161	7.60	"	152		106	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	163	7.68	"	154		106	50-150				
Perfluoro-n-butanoic acid (PFBA)	93.4	8.00	"	160		58.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	78.1	3.56	"	71.2		110	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	70.7	4.00	"	80.0		88.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	14.8	4.00	"	80.0		18.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	113	4.00	"	80.0		141	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	43.2	1.88	"	37.6		115	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	165	7.50	"	150		110	50-150				
HFPO-DA (Gen-X)	83.1	8.00	"	80.0		104	50-150				
11CL-PF3OUdS	65.5	7.56	"	75.6		86.6	50-150				
9CL-PF3ONS	74.5	7.48	"	74.8		99.6	50-150				
ADONA	77.4	7.56	"	75.6		102	50-150				



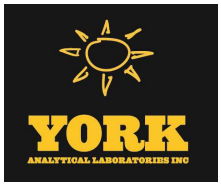
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51310 - EPA 1633 Prep											
LCS (BE51310-BS1)								Prepared: 05/16/2025 Analyzed: 05/19/2025			
Perfluorododecanesulfonic acid (PFDoS)	30.0	1.94	ng/L	38.8		77.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	47.5	1.92	"	38.4		124	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	105	5.00	"	160		65.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	906	25.0	"	800		113	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	870	25.0	"	800		109	50-150				
N-MeFOSE	406	20.0	"	400		102	50-150				
N-MeFOSA	38.9	2.00	"	40.0		97.4	50-150				
N-EtFOSE	382	20.0	"	400		95.5	50-150				
N-EtFOSA	50.1	2.00	"	40.0		125	50-150				
Surrogate: M3PFBS	*33.2*		*"*	*23.3*		*143*	*25-150*				
Surrogate: M5PFHxA	*35.7*		*"*	*25.0*		*143*	*25-150*				
Surrogate: M4PFHpA	*37.5*		*"*	*25.0*		*150*	*25-150*				
Surrogate: M3PFHxS	*32.0*		*"*	*23.7*		*135*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.4*		*"*	*25.0*		*137*	*25-150*				
Surrogate: M6PFDA	*17.2*		*"*	*12.5*		*138*	*25-150*				
Surrogate: M7PFUdA	*17.1*		*"*	*12.5*		*137*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.2*		*"*	*12.5*		*105*	*25-150*				
Surrogate: M2PFTeDA	*10.9*		*"*	*12.5*		*87.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.1*		*"*	*100*		*12.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.9*		*"*	*24.0*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*47.8*		*"*	*50.0*		*95.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*33.3*		*"*	*25.0*		*133*	*10-150*				
Surrogate: d3-N-MeFOSAA	*65.7*		*"*	*50.0*		*131*	*25-150*				
Surrogate: d5-N-EtFOSAA	*65.4*		*"*	*50.0*		*131*	*25-150*				
Surrogate: M2-6:2 FTS	*66.2*		*"*	*47.6*		*139*	*25-200*				
Surrogate: M2-8:2 FTS	*67.0*		*"*	*48.0*		*140*	*25-200*				
Surrogate: M9PFNA	*16.5*		*"*	*12.5*		*132*	*25-150*				
Surrogate: M2-4:2 FTS	*62.8*		*"*	*46.9*		*134*	*25-150*				
Surrogate: d-N-MeFOSA	*27.3*		*"*	*25.0*		*109*	*25-150*				
Surrogate: d-N-EtFOSA	*23.5*		*"*	*25.0*		*93.9*	*25-150*				
Surrogate: M3HFPO-DA	*154*		*"*	*100*		*154*	*25-150*				
Surrogate: d9-N-EtFOSE	*190*		*"*	*250*		*76.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*205*		*"*	*250*		*82.0*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51310 - EPA 1633 Prep											
LCS (BE51310-BS2)								Prepared: 05/16/2025 Analyzed: 05/19/2025			
Perfluorobutanesulfonic acid (PFBS)	3.48	1.77	ng/L	3.54		98.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.94	2.00	"	4.00		98.4	50-150				
Perfluoroheptanoic acid (PFHpA)	3.59	2.00	"	4.00		89.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.59	1.83	"	3.66		98.1	50-150				
Perfluorooctanoic acid (PFOA)	3.55	2.00	"	4.00		88.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.25	1.86	"	3.72		87.4	50-150				
Perfluorononanoic acid (PFNA)	4.13	2.00	"	4.00		103	50-150				
Perfluorodecanoic acid (PFDA)	3.74	2.00	"	4.00		93.6	50-150				
Perfluoroundecanoic acid (PFUnA)	4.50	2.00	"	4.00		113	50-150				
Perfluorododecanoic acid (PFDoA)	4.14	2.00	"	4.00		104	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.13	2.00	"	4.00		103	50-150				
Perfluorotetradecanoic acid (PFTA)	3.91	2.00	"	4.00		97.7	50-150				
N-MeFOSAA	4.06	2.00	"	4.00		102	50-150				
N-EtFOSAA	4.16	2.00	"	4.00		104	50-150				
Perfluoropentanoic acid (PFPeA)	7.71	4.00	"	8.00		96.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.73	2.00	"	4.00		93.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.76	1.91	"	3.82		98.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.40	1.93	"	3.86		88.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.3	7.60	"	15.2		100	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.7	7.68	"	15.4		89.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	8.00	8.00	"	16.0		50.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.03	3.56	"	7.12		98.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.97	4.00	"	8.00		112	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.54	4.00	"	8.00		19.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	10.2	4.00	"	8.00		127	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.39	1.88	"	3.76		90.1	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.0	7.50	"	15.0		100	50-150				
HFPO-DA (Gen-X)	10.0	8.00	"	8.00		125	50-150				
11CL-PF3OUdS	5.86	7.56	"	7.56		77.5	50-150				
9CL-PF3ONS	7.79	7.48	"	7.48		104	50-150				
ADONA	8.00	7.56	"	7.56		106	50-150				
Perfluorododecanesulfonic acid (PFDoS)	1.97	1.94	"	3.88		50.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.15	1.92	"	3.84		82.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.02	5.00	"	16.0		50.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	72.7	25.0	"	80.0		90.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	68.5	25.0	"	80.0		85.7	50-150				
N-MeFOSE	35.2	20.0	"	40.0		87.9	50-150				
N-MeFOSA	5.05	2.00	"	4.00		126	50-150				
N-EtFOSE	35.0	20.0	"	40.0		87.5	50-150				
N-EtFOSA	2.77	2.00	"	4.00		69.2	50-150				
Surrogate: M3PFBS	*28.4*		*"*	*23.3*		*122*	*25-150*				
Surrogate: M5PFHxA	*27.3*		*"*	*25.0*		*109*	*25-150*				
Surrogate: M4PFHpA	*28.2*		*"*	*25.0*		*113*	*25-150*				
Surrogate: M3PFHxS	*30.6*		*"*	*23.7*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.7*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M6PFDA	*14.3*		*"*	*12.5*		*114*	*25-150*				
Surrogate: M7PFUdA	*13.6*		*"*	*12.5*		*109*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.0*		*"*	*12.5*		*95.7*	*25-150*				
Surrogate: M2PFTeDA	*8.63*		*"*	*12.5*		*69.0*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51310 - EPA 1633 Prep											
LCS (BE51310-BS2)											Prepared: 05/16/2025 Analyzed: 05/19/2025
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.9*		*ng/L*	*100*		*11.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.8*		*"*	*24.0*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*35.3*		*"*	*50.0*		*70.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.2*		*"*	*25.0*		*113*	*10-150*				
Surrogate: d3-N-MeFOSAA	*54.4*		*"*	*50.0*		*109*	*25-150*				
Surrogate: d5-N-EtFOSAA	*55.3*		*"*	*50.0*		*111*	*25-150*				
Surrogate: M2-6:2 FTS	*55.5*		*"*	*47.6*		*117*	*25-200*				
Surrogate: M2-8:2 FTS	*53.1*		*"*	*48.0*		*111*	*25-200*				
Surrogate: M9PFNA	*13.2*		*"*	*12.5*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*55.0*		*"*	*46.9*		*117*	*25-150*				
Surrogate: d-N-MeFOSA	*25.9*		*"*	*25.0*		*104*	*25-150*				
Surrogate: d-N-EtFOSA	*22.3*		*"*	*25.0*		*89.2*	*25-150*				
Surrogate: M3HFPO-DA	*110*		*"*	*100*		*110*	*25-150*				
Surrogate: d9-N-EtFOSE	*148*		*"*	*250*		*59.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*153*		*"*	*250*		*61.2*	*25-150*				
Matrix Spike (BE51310-MS2)	*Source sample: 25E0936-01 (MW-1)										Prepared: 05/21/2025 Analyzed: 05/23/2025
Perfluorobutanesulfonic acid (PFBS)	44.2	1.72	ng/L	34.3	6.11	111	25-150				
Perfluorohexanoic acid (PFHxA)	105	1.94	"	38.8	62.8	110	25-150				
Perfluoroheptanoic acid (PFHpA)	58.1	1.94	"	38.8	15.2	110	25-150				
Perfluorohexanesulfonic acid (PFHxS)	55.9	1.78	"	35.5	15.3	114	25-150				
Perfluorooctanoic acid (PFOA)	78.4	1.94	"	38.8	43.0	91.2	25-150				
Perfluorooctanesulfonic acid (PFOS)	46.2	1.80	"	36.1	4.00	117	25-150				
Perfluorononanoic acid (PFNA)	40.6	1.94	"	38.8	ND	105	25-150				
Perfluorodecanoic acid (PFDA)	39.2	1.94	"	38.8	ND	101	25-150				
Perfluoroundecanoic acid (PFUnA)	38.0	1.94	"	38.8	ND	98.0	25-150				
Perfluorododecanoic acid (PFDoA)	43.7	1.94	"	38.8	ND	113	25-150				
Perfluorotridecanoic acid (PFTrDA)	41.8	1.94	"	38.8	ND	108	25-150				
Perfluorotetradecanoic acid (PFTA)	41.5	1.94	"	38.8	ND	107	25-150				
N-MeFOSAA	46.5	1.94	"	38.8	ND	120	25-150				
N-EtFOSAA	46.5	1.94	"	38.8	ND	120	25-150				
Perfluoropentanoic acid (PFPeA)	178	3.88	"	77.6	85.4	119	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	43.7	1.94	"	38.8	ND	113	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	43.7	1.85	"	37.1	ND	118	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	35.2	1.87	"	37.4	ND	93.9	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	154	7.37	"	147	ND	104	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	154	7.45	"	149	ND	103	25-150				
Perfluoro-n-butanoic acid (PFBA)	202	7.76	"	155	28.3	112	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	74.3	3.45	"	69.1	ND	108	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	63.8	3.88	"	77.6	ND	82.2	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	43.4	3.88	"	77.6	ND	55.9	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	92.4	3.88	"	77.6	ND	119	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	40.2	1.82	"	36.5	ND	110	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	153	7.28	"	146	ND	105	25-150				
HFPO-DA (Gen-X)	80.3	7.76	"	77.6	ND	103	25-150				
11CL-PF3OUdS	62.3	7.33	"	73.3	ND	84.9	25-150				
9CL-PF3ONS	68.7	7.26	"	72.6	ND	94.7	25-150				
ADONA	75.1	7.33	"	73.3	ND	102	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51310 - EPA 1633 Prep											
Matrix Spike (BE51310-MS2)	*Source sample: 25E0936-01 (MW-1)							Prepared: 05/21/2025 Analyzed: 05/23/2025			
Perfluorododecanesulfonic acid (PFDoS)	40.0	1.88	ng/L	37.6	ND	106	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	44.0	1.86	"	37.3	ND	118	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	110	4.85	"	155	ND	71.2	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	834	24.3	"	776	ND	107	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	891	24.3	"	776	ND	115	25-150				
N-MeFOSE	427	19.4	"	388	ND	110	25-150				
N-MeFOSA	42.9	1.94	"	38.8	ND	110	25-150				
N-EtFOSE	414	19.4	"	388	ND	107	25-150				
N-EtFOSA	53.7	1.94	"	38.8	ND	138	25-150				
Surrogate: M3PFBS	*22.5*		*"*	*22.6*		*99.4*	*25-150*				
Surrogate: M5PFHxA	*23.4*		*"*	*24.3*		*96.5*	*25-150*				
Surrogate: M4PFHpA	*26.9*		*"*	*24.3*		*111*	*25-150*				
Surrogate: M3PFHxS	*23.6*		*"*	*23.0*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.9*		*"*	*24.3*		*115*	*25-150*				
Surrogate: M6PFDA	*11.8*		*"*	*12.1*		*97.7*	*25-150*				
Surrogate: M7PFUdA	*10.1*		*"*	*12.1*		*83.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*8.50*		*"*	*12.1*		*70.1*	*25-150*				
Surrogate: M2PFTeDA	*8.43*		*"*	*12.1*		*69.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*25.4*		*"*	*97.0*		*26.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.1*		*"*	*23.2*		*95.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*38.3*		*"*	*48.5*		*79.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*14.8*		*"*	*24.3*		*60.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*41.2*		*"*	*48.5*		*84.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*44.0*		*"*	*48.5*		*90.7*	*25-150*				
Surrogate: M2-6:2 FTS	*49.8*		*"*	*46.1*		*108*	*25-200*				
Surrogate: M2-8:2 FTS	*44.8*		*"*	*46.6*		*96.3*	*25-200*				
Surrogate: M9PFNA	*12.3*		*"*	*12.1*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*50.1*		*"*	*45.5*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*14.0*		*"*	*24.3*		*57.6*	*25-150*				
Surrogate: d-N-EtFOSA	*11.4*		*"*	*24.3*		*47.2*	*25-150*				
Surrogate: M3HFPO-DA	*107*		*"*	*97.0*		*110*	*25-150*				
Surrogate: d9-N-EtFOSE	*132*		*"*	*243*		*54.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*112*		*"*	*243*		*46.1*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51388 - EPA SW846-3510C Low Level											
Blank (BE51388-BLK1)								Prepared & Analyzed: 05/19/2025			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0478*		*"*	*0.200*		*23.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0719*		*"*	*0.200*		*35.9*	*30-150*				
LCS (BE51388-BS1)								Prepared & Analyzed: 05/19/2025			
4,4'-DDD	0.0598	0.00400	ug/L	0.100		59.8	40-140			20	
4,4'-DDE	0.0599	0.00400	"	0.100		59.9	40-140			20	
4,4'-DDT	0.0687	0.00400	"	0.100		68.7	40-140			20	
Aldrin	0.0403	0.00400	"	0.100		40.3	40-140			20	
alpha-BHC	0.0501	0.00400	"	0.100		50.1	40-140			20	
alpha-Chlordane	0.0546	0.00400	"	0.100		54.6	40-140			20	
beta-BHC	0.0567	0.00400	"	0.100		56.7	40-140			20	
delta-BHC	0.0425	0.00400	"	0.100		42.5	40-140			20	
Dieldrin	0.0596	0.00200	"	0.100		59.6	40-140			20	
Endosulfan I	0.0588	0.00400	"	0.100		58.8	40-140			20	
Endosulfan II	0.0666	0.00400	"	0.100		66.6	40-140			20	
Endosulfan sulfate	0.0678	0.00400	"	0.100		67.8	40-140			20	
Endrin	0.0615	0.00400	"	0.100		61.5	40-140			20	
Endrin aldehyde	0.0696	0.0100	"	0.100		69.6	40-140			20	
Endrin ketone	0.0677	0.0100	"	0.100		67.7	40-140			20	
gamma-BHC (Lindane)	0.0500	0.00400	"	0.100		50.0	40-140			20	
gamma-Chlordane	0.0530	0.0100	"	0.100		53.0	40-140			20	
Heptachlor	0.0443	0.00400	"	0.100		44.3	40-140			20	
Heptachlor epoxide	0.0583	0.00400	"	0.100		58.3	40-140			20	
Methoxychlor	0.0777	0.00400	"	0.100		77.7	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0519*		*"*	*0.200*		*26.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0742*		*"*	*0.200*		*37.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51388 - EPA SW846-3510C Low Level											
LCS Dup (BE51388-BSD1)								Prepared & Analyzed: 05/19/2025			
4,4'-DDD	0.0646	0.00400	ug/L	0.100		64.6	40-140		7.65	20	
4,4'-DDE	0.0646	0.00400	"	0.100		64.6	40-140		7.43	20	
4,4'-DDT	0.0729	0.00400	"	0.100		72.9	40-140		5.99	20	
Aldrin	0.0433	0.00400	"	0.100		43.3	40-140		7.19	20	
alpha-BHC	0.0562	0.00400	"	0.100		56.2	40-140		11.6	20	
alpha-Chlordane	0.0588	0.00400	"	0.100		58.8	40-140		7.42	20	
beta-BHC	0.0645	0.00400	"	0.100		64.5	40-140		12.8	20	
delta-BHC	0.0470	0.00400	"	0.100		47.0	40-140		10.1	20	
Dieldrin	0.0645	0.00200	"	0.100		64.5	40-140		7.83	20	
Endosulfan I	0.0635	0.00400	"	0.100		63.5	40-140		7.69	20	
Endosulfan II	0.0712	0.00400	"	0.100		71.2	40-140		6.56	20	
Endosulfan sulfate	0.0735	0.00400	"	0.100		73.5	40-140		8.08	20	
Endrin	0.0665	0.00400	"	0.100		66.5	40-140		7.88	20	
Endrin aldehyde	0.0749	0.0100	"	0.100		74.9	40-140		7.29	20	
Endrin ketone	0.0737	0.0100	"	0.100		73.7	40-140		8.48	20	
gamma-BHC (Lindane)	0.0557	0.00400	"	0.100		55.7	40-140		10.9	20	
gamma-Chlordane	0.0563	0.0100	"	0.100		56.3	40-140		5.99	20	
Heptachlor	0.0497	0.00400	"	0.100		49.7	40-140		11.4	20	
Heptachlor epoxide	0.0629	0.00400	"	0.100		62.9	40-140		7.58	20	
Methoxychlor	0.0848	0.00400	"	0.100		84.8	40-140		8.67	20	
Surrogate: Decachlorobiphenyl	*0.0533*		*"*	*0.200*		*26.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0906*		*"*	*0.200*		*45.3*	*30-150*				
Batch BE51502 - EPA SW846-3510C Low Level											
Blank (BE51502-BLK1)								Prepared & Analyzed: 05/20/2025			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0696*		*"*	*0.200*		*34.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0729*		*"*	*0.200*		*36.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51502 - EPA SW846-3510C Low Level											
LCS (BE51502-BS1)								Prepared & Analyzed: 05/20/2025			
4,4'-DDD	0.0677	0.00400	ug/L	0.100		67.7	40-140			20	
4,4'-DDE	0.0667	0.00400	"	0.100		66.7	40-140			20	
4,4'-DDT	0.0734	0.00400	"	0.100		73.4	40-140			20	
Aldrin	0.0401	0.00400	"	0.100		40.1	40-140			20	
alpha-BHC	0.0511	0.00400	"	0.100		51.1	40-140			20	
alpha-Chlordane	0.0589	0.00400	"	0.100		58.9	40-140			20	
beta-BHC	0.0645	0.00400	"	0.100		64.5	40-140			20	
delta-BHC	0.0482	0.00400	"	0.100		48.2	40-140			20	
Dieldrin	0.0661	0.00200	"	0.100		66.1	40-140			20	
Endosulfan I	0.0644	0.00400	"	0.100		64.4	40-140			20	
Endosulfan II	0.0733	0.00400	"	0.100		73.3	40-140			20	
Endosulfan sulfate	0.0769	0.00400	"	0.100		76.9	40-140			20	
Endrin	0.0701	0.00400	"	0.100		70.1	40-140			20	
Endrin aldehyde	0.0787	0.0100	"	0.100		78.7	40-140			20	
Endrin ketone	0.0763	0.0100	"	0.100		76.3	40-140			20	
gamma-BHC (Lindane)	0.0523	0.00400	"	0.100		52.3	40-140			20	
gamma-Chlordane	0.0571	0.0100	"	0.100		57.1	40-140			20	
Heptachlor	0.0441	0.00400	"	0.100		44.1	40-140			20	
Heptachlor epoxide	0.0616	0.00400	"	0.100		61.6	40-140			20	
Methoxychlor	0.0860	0.00400	"	0.100		86.0	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0549*		*"*	*0.200*		*27.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0762*		*"*	*0.200*		*38.1*	*30-150*				
Matrix Spike (BE51502-MS1)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/20/2025			
4,4'-DDD	0.0757	0.00400	ug/L	0.100	ND	75.7	30-150			20	
4,4'-DDE	0.0739	0.00400	"	0.100	ND	73.9	30-150			20	
4,4'-DDT	0.0821	0.00400	"	0.100	ND	82.1	30-150			20	
Aldrin	0.0529	0.00400	"	0.100	ND	52.9	30-150			20	
alpha-BHC	0.0561	0.00400	"	0.100	ND	56.1	30-150			20	
alpha-Chlordane	0.0889	0.00400	"	0.100	ND	88.9	30-150			20	
beta-BHC	0.0657	0.00400	"	0.100	ND	65.7	30-150			20	
delta-BHC	0.0524	0.00400	"	0.100	ND	52.4	30-150			20	
Dieldrin	0.0711	0.00200	"	0.100	ND	71.1	30-150			20	
Endosulfan I	0.0789	0.00400	"	0.100	ND	78.9	30-150			20	
Endosulfan II	0.0811	0.00400	"	0.100	ND	81.1	30-150			20	
Endosulfan sulfate	0.0863	0.00400	"	0.100	ND	86.3	30-150			20	
Endrin	0.0779	0.00400	"	0.100	ND	77.9	30-150			20	
Endrin aldehyde	0.0833	0.0100	"	0.100	ND	83.3	30-150			20	
Endrin ketone	0.0837	0.0100	"	0.100	ND	83.7	30-150			20	
gamma-BHC (Lindane)	0.0564	0.00400	"	0.100	ND	56.4	30-150			20	
gamma-Chlordane	0.0721	0.0100	"	0.100	ND	72.1	30-150			20	
Heptachlor	0.0543	0.00400	"	0.100	ND	54.3	30-150			20	
Heptachlor epoxide	0.0788	0.00400	"	0.100	ND	78.8	30-150			20	
Methoxychlor	0.0971	0.00400	"	0.100	ND	97.1	30-150			20	
Surrogate: Decachlorobiphenyl	*0.103*		*"*	*0.200*		*51.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0799*		*"*	*0.200*		*39.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51502 - EPA SW846-3510C Low Level											
Matrix Spike Dup (BE51502-MSD1)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/20/2025			
4,4'-DDD	0.0638	0.00400	ug/L	0.100	ND	63.8	30-150		17.0	20	
4,4'-DDE	0.0631	0.00400	"	0.100	ND	63.1	30-150		15.7	20	
4,4'-DDT	0.0681	0.00400	"	0.100	ND	68.1	30-150		18.7	20	
Aldrin	0.0437	0.00400	"	0.100	ND	43.7	30-150		19.0	20	
alpha-BHC	0.0470	0.00400	"	0.100	ND	47.0	30-150		17.6	20	
alpha-Chlordane	0.0802	0.00400	"	0.100	ND	80.2	30-150		10.3	20	
beta-BHC	0.0557	0.00400	"	0.100	ND	55.7	30-150		16.5	20	
delta-BHC	0.0427	0.00400	"	0.100	ND	42.7	30-150		20.5	20	Non-dir.
Dieldrin	0.0598	0.00200	"	0.100	ND	59.8	30-150		17.2	20	
Endosulfan I	0.0684	0.00400	"	0.100	ND	68.4	30-150		14.2	20	
Endosulfan II	0.0666	0.00400	"	0.100	ND	66.6	30-150		19.5	20	
Endosulfan sulfate	0.0698	0.00400	"	0.100	ND	69.8	30-150		21.2	20	Non-dir.
Endrin	0.0661	0.00400	"	0.100	ND	66.1	30-150		16.4	20	
Endrin aldehyde	0.0683	0.0100	"	0.100	ND	68.3	30-150		19.8	20	
Endrin ketone	0.0694	0.0100	"	0.100	ND	69.4	30-150		18.7	20	
gamma-BHC (Lindane)	0.0468	0.00400	"	0.100	ND	46.8	30-150		18.6	20	
gamma-Chlordane	0.0620	0.0100	"	0.100	ND	62.0	30-150		15.0	20	
Heptachlor	0.0464	0.00400	"	0.100	ND	46.4	30-150		15.7	20	
Heptachlor epoxide	0.0679	0.00400	"	0.100	ND	67.9	30-150		14.8	20	
Methoxychlor	0.0793	0.00400	"	0.100	ND	79.3	30-150		20.2	20	Non-dir.
Surrogate: Decachlorobiphenyl	*0.0789*		*"*	*0.200*		*39.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0796*		*"*	*0.200*		*39.8*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51327 - EPA SW846-3510C Low Level											
Blank (BE51327-BLK1)								Prepared & Analyzed: 05/19/2025			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0800*		*"*	*0.200*		*40.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0620*		*"*	*0.200*		*31.0*	*30-150*				
LCS (BE51327-BS2)								Prepared & Analyzed: 05/19/2025			
Aroclor 1016	0.744	0.0500	ug/L	1.00		74.4	40-120			20	
Aroclor 1260	0.821	0.0500	"	1.00		82.1	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0790*		*"*	*0.200*		*39.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0650*		*"*	*0.200*		*32.5*	*30-150*				
LCS Dup (BE51327-BSD2)								Prepared & Analyzed: 05/19/2025			
Aroclor 1016	0.703	0.0500	ug/L	1.00		70.3	40-120		5.72	20	
Aroclor 1260	0.803	0.0500	"	1.00		80.3	40-120		2.24	20	
Surrogate: Tetrachloro-m-xylene	*0.0730*		*"*	*0.200*		*36.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0530*		*"*	*0.200*		*26.5*	*30-150*				
Batch BE51498 - EPA SW846-3510C Low Level											
Blank (BE51498-BLK1)								Prepared & Analyzed: 05/20/2025			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0690*		*"*	*0.200*		*34.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0780*		*"*	*0.200*		*39.0*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51498 - EPA SW846-3510C Low Level											
LCS (BE51498-BS2)								Prepared & Analyzed: 05/20/2025			
Aroclor 1016	0.907	0.0500	ug/L	1.00		90.7	40-120			20	
Aroclor 1260	0.788	0.0500	"	1.00		78.8	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0730*		"	*0.200*		*36.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0950*		"	*0.200*		*47.5*	*30-150*				
Matrix Spike (BE51498-MS2)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/20/2025			
Aroclor 1016	1.00	0.0500	ug/L	1.00	ND	100	40-140			20	
Aroclor 1260	0.900	0.0500	"	1.00	ND	90.0	40-140			20	
Surrogate: Tetrachloro-m-xylene	*0.0790*		"	*0.200*		*39.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0820*		"	*0.200*		*41.0*	*30-150*				
Matrix Spike Dup (BE51498-MSD2)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/20/2025			
Aroclor 1016	0.827	0.0500	ug/L	1.00	ND	82.7	40-140		19.3	20	
Aroclor 1260	0.751	0.0500	"	1.00	ND	75.1	40-140		18.0	20	
Surrogate: Tetrachloro-m-xylene	*0.0740*		"	*0.200*		*37.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0880*		"	*0.200*		*44.0*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51213 - EPA 3015A											
Blank (BE51213-BLK1)											Prepared: 05/15/2025 Analyzed: 05/16/2025
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BE51213-BS1)											Prepared: 05/15/2025 Analyzed: 05/16/2025
Aluminum	1.93		ug/mL	2.00		96.5	80-120				
Barium	1.94		"	2.00		96.9	80-120				
Calcium	1.21		"	1.00		121	80-120	High Bias			
Chromium	0.190		"	0.200		95.2	80-120				
Cobalt	0.489		"	0.500		97.7	80-120				
Copper	0.252		"	0.250		101	80-120				
Iron	0.905		"	1.00		90.5	80-120				
Lead	0.454		"	0.500		90.7	80-120				
Magnesium	1.00		"	1.00		100	80-120				
Manganese	0.485		"	0.500		97.0	80-120				
Nickel	0.486		"	0.500		97.2	80-120				
Potassium	0.830		"	1.00		83.0	80-120				
Silver	0.0460		"	0.0500		92.0	80-120				
Sodium	0.962		"	1.00		96.2	80-120				
Vanadium	0.472		"	0.500		94.5	80-120				
Zinc	0.475		"	0.500		95.0	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51213 - EPA 3015A											
Duplicate (BE51213-DUP1)	*Source sample: 25E0936-01 (MW-1)								Prepared: 05/15/2025 Analyzed: 05/16/2025		
Aluminum	2.22	0.0556	mg/L		2.12				4.75	20	
Barium	0.0846	0.0278	"		0.0918				8.19	20	
Calcium	111	0.0556	"		124				11.2	20	
Chromium	0.0311	0.00556	"		0.0337				7.89	20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	3.17	0.278	"		2.87				9.77	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	32.2	0.0556	"		35.6				10.2	20	
Manganese	0.119	0.00556	"		0.120				0.466	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	4.26	0.0556	"		4.70				9.85	20	
Silver	ND	0.00556	"		ND					20	
Sodium	172	0.556	"		192				10.7	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0469	0.0278	"		0.0697				39.1	20	Non-dir.
Matrix Spike (BE51213-MS1)	*Source sample: 25E0936-01 (MW-1)								Prepared: 05/15/2025 Analyzed: 05/16/2025		
Aluminum	5.10	0.0556	mg/L	2.22	2.12	134	75-125	High Bias			
Barium	2.30	0.0278	"	2.22	0.0918	99.3	75-125				
Calcium	122	0.0556	"	1.11	124	NR	75-125	Low Bias			
Chromium	0.253	0.00556	"	0.222	0.0337	98.9	75-125				
Cobalt	0.550	0.00444	"	0.556	ND	99.0	75-125				
Copper	0.314	0.0222	"	0.278	ND	113	75-125				
Iron	4.96	0.278	"	1.11	2.87	187	75-125	High Bias			
Lead	0.506	0.00556	"	0.556	ND	91.1	75-125				
Magnesium	36.5	0.0556	"	1.11	35.6	77.1	75-125				
Manganese	0.686	0.00556	"	0.556	0.120	102	75-125				
Nickel	0.545	0.0111	"	0.556	ND	98.1	75-125				
Potassium	5.67	0.0556	"	1.11	4.70	87.6	75-125				
Silver	0.0552	0.00556	"	0.0556	ND	99.4	75-125				
Sodium	189	0.556	"	1.11	192	NR	75-125	Low Bias			
Vanadium	0.565	0.0111	"	0.556	ND	102	75-125				
Zinc	0.570	0.0278	"	0.556	0.0697	90.1	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51213 - EPA 3015A											
Post Spike (BE51213-PS1)	*Source sample: 25E0936-01 (MW-1)							Prepared: 05/15/2025 Analyzed: 05/16/2025			
Aluminum	3.86		ug/mL	2.00	1.91	97.6	75-125				
Barium	2.04		"	2.00	0.0826	97.7	75-125				
Calcium	111		"	1.00	111	NR	75-125	Low Bias			
Chromium	0.225		"	0.200	0.0303	97.3	75-125				
Cobalt	0.493		"	0.500	0.00150	98.3	75-125				
Copper	0.280		"	0.250	0.00710	109	75-125				
Iron	3.57		"	1.00	2.59	98.2	75-125				
Lead	0.470		"	0.500	0.00270	93.5	75-125				
Magnesium	32.9		"	1.00	32.1	84.0	75-125				
Manganese	0.599		"	0.500	0.108	98.2	75-125				
Nickel	0.488		"	0.500	0.00350	96.9	75-125				
Potassium	4.67		"	1.00	4.23	44.4	75-125	Low Bias			
Silver	0.0475		"	0.0500	-0.00120	95.0	75-125				
Sodium	172		"	1.00	172	NR	75-125	Low Bias			
Vanadium	0.504		"	0.500	0.00500	99.9	75-125				
Zinc	0.521		"	0.500	0.0627	91.7	75-125				
Batch BE51216 - EPA 3015A											
Blank (BE51216-BLK1)								Prepared: 05/15/2025 Analyzed: 05/19/2025			
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51216 - EPA 3015A											
LCS (BE51216-BS1)								Prepared: 05/15/2025 Analyzed: 05/19/2025			
Aluminum - Dissolved	1.94		ug/mL	2.00		97.0	80-120				
Barium - Dissolved	1.77		"	2.00		88.7	80-120				
Calcium - Dissolved	1.27		"	1.00		127	80-120	High Bias			
Chromium - Dissolved	0.183		"	0.200		91.5	80-120				
Cobalt - Dissolved	0.460		"	0.500		92.0	80-120				
Copper - Dissolved	0.249		"	0.250		99.5	80-120				
Iron - Dissolved	0.937		"	1.00		93.7	80-120				
Lead - Dissolved	0.463		"	0.500		92.6	80-120				
Magnesium - Dissolved	1.00		"	1.00		100	80-120				
Manganese - Dissolved	0.472		"	0.500		94.4	80-120				
Nickel - Dissolved	0.472		"	0.500		94.3	80-120				
Potassium - Dissolved	1.09		"	1.00		109	80-120				
Silver - Dissolved	0.0474		"	0.0500		94.8	80-120				
Sodium - Dissolved	1.18		"	1.00		118	80-120				
Vanadium - Dissolved	0.460		"	0.500		91.9	80-120				
Zinc - Dissolved	0.458		"	0.500		91.5	80-120				
Duplicate (BE51216-DUP1)	*Source sample: 25E0936-01 (MW-1)							Prepared: 05/15/2025 Analyzed: 05/19/2025			
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	0.0619	0.0278	"		0.0602				2.73	20	
Calcium - Dissolved	114	0.0556	"		114				0.487	20	
Chromium - Dissolved	0.0292	0.00556	"		0.0286				2.31	20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	ND	0.278	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	33.8	0.0556	"		34.0				0.438	20	
Manganese - Dissolved	0.00967	0.00556	"		ND					20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	4.63	0.0556	"		4.15				10.9	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	197	0.556	"		182				7.98	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51216 - EPA 3015A											
Matrix Spike (BE51216-MS1)	*Source sample: 25E0936-01 (MW-1)							Prepared: 05/15/2025 Analyzed: 05/19/2025			
Aluminum - Dissolved	2.08	0.0556	mg/L	2.22	ND	93.6	75-125				
Barium - Dissolved	1.97	0.0278	"	2.22	0.0602	86.0	75-125				
Calcium - Dissolved	114	0.0556	"	1.11	114	NR	75-125	Low Bias			
Chromium - Dissolved	0.225	0.00556	"	0.222	0.0286	88.5	75-125				
Cobalt - Dissolved	0.491	0.00444	"	0.556	ND	88.4	75-125				
Copper - Dissolved	0.292	0.0222	"	0.278	ND	105	75-125				
Iron - Dissolved	1.20	0.278	"	1.11	ND	108	75-125				
Lead - Dissolved	0.474	0.00556	"	0.556	ND	85.4	75-125				
Magnesium - Dissolved	34.8	0.0556	"	1.11	34.0	79.8	75-125				
Manganese - Dissolved	0.503	0.00556	"	0.556	ND	90.5	75-125				
Nickel - Dissolved	0.493	0.0111	"	0.556	ND	88.8	75-125				
Potassium - Dissolved	5.81	0.0556	"	1.11	4.15	149	75-125	High Bias			
Silver - Dissolved	0.0524	0.00556	"	0.0556	ND	94.4	75-125				
Sodium - Dissolved	187	0.556	"	1.11	182	448	75-125	High Bias			
Vanadium - Dissolved	0.512	0.0111	"	0.556	ND	92.1	75-125				
Zinc - Dissolved	0.505	0.0278	"	0.556	ND	90.9	75-125				
Post Spike (BE51216-PS1)	*Source sample: 25E0936-01 (MW-1)							Prepared: 05/15/2025 Analyzed: 05/19/2025			
Aluminum - Dissolved	1.93		ug/mL	2.00	-0.00270	96.4	75-125				
Barium - Dissolved	1.84		"	2.00	0.0542	89.4	75-125				
Calcium - Dissolved	102		"	1.00	103	NR	75-125	Low Bias			
Chromium - Dissolved	0.209		"	0.200	0.0257	91.8	75-125				
Cobalt - Dissolved	0.460		"	0.500	-0.000100	92.1	75-125				
Copper - Dissolved	0.272		"	0.250	0.00480	107	75-125				
Iron - Dissolved	1.12		"	1.00	0.122	100	75-125				
Lead - Dissolved	0.457		"	0.500	-0.000600	91.4	75-125				
Magnesium - Dissolved	31.1		"	1.00	30.6	55.8	75-125	Low Bias			
Manganese - Dissolved	0.469		"	0.500	0.00140	93.5	75-125				
Nickel - Dissolved	0.460		"	0.500	0.000600	91.8	75-125				
Potassium - Dissolved	4.48		"	1.00	3.74	74.5	75-125	Low Bias			
Silver - Dissolved	0.0459		"	0.0500	-0.00140	91.8	75-125				
Sodium - Dissolved	163		"	1.00	164	NR	75-125	Low Bias			
Vanadium - Dissolved	0.478		"	0.500	0.000800	95.5	75-125				
Zinc - Dissolved	0.456		"	0.500	0.0148	88.2	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51410 - EPA 3015A											
Blank (BE51410-BLK1)								Prepared & Analyzed: 05/19/2025			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	0.0583	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BE51410-BS1)								Prepared & Analyzed: 05/19/2025			
Aluminum	1.88		ug/mL	2.00		94.0	80-120				
Barium	1.75		"	2.00		87.4	80-120				
Calcium	1.21		"	1.00		121	80-120	High Bias			
Chromium	0.180		"	0.200		89.8	80-120				
Cobalt	0.453		"	0.500		90.5	80-120				
Copper	0.244		"	0.250		97.6	80-120				
Iron	0.903		"	1.00		90.3	80-120				
Lead	0.470		"	0.500		94.1	80-120				
Magnesium	0.962		"	1.00		96.2	80-120				
Manganese	0.462		"	0.500		92.4	80-120				
Nickel	0.462		"	0.500		92.4	80-120				
Potassium	0.966		"	1.00		96.6	80-120				
Silver	0.0464		"	0.0500		92.8	80-120				
Sodium	1.33		"	1.00		133	80-120	High Bias			
Vanadium	0.451		"	0.500		90.3	80-120				
Zinc	0.452		"	0.500		90.4	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51219 - EPA 3015A											
Blank (BE51219-BLK1)											Prepared: 05/15/2025 Analyzed: 05/19/2025
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BE51219-BS1)											Prepared: 05/15/2025 Analyzed: 05/16/2025
Antimony - Dissolved	55.0		ug/L	50.0		110	80-120				
Arsenic - Dissolved	49.2		"	50.0		98.4	80-120				
Beryllium - Dissolved	55.2		"	50.0		110	80-120				
Cadmium - Dissolved	54.0		"	50.0		108	80-120				
Selenium - Dissolved	46.7		"	50.0		93.4	80-120				
Thallium - Dissolved	47.5		"	50.0		95.1	80-120				
Duplicate (BE51219-DUP1)	*Source sample: 25E0936-01 (MW-1)										Prepared: 05/15/2025 Analyzed: 05/16/2025
Antimony - Dissolved	ND	1.11	ug/L		ND					20	
Arsenic - Dissolved	ND	1.11	"		6.58					20	
Beryllium - Dissolved	ND	0.333	"		ND					20	
Cadmium - Dissolved	ND	0.556	"		ND					20	
Selenium - Dissolved	ND	1.11	"		ND					20	
Thallium - Dissolved	ND	1.11	"		ND					20	
Matrix Spike (BE51219-MS1)	*Source sample: 25E0936-01 (MW-1)										Prepared: 05/15/2025 Analyzed: 05/16/2025
Antimony - Dissolved	57.8		ug/L	50.0	0.941	114	75-125				
Arsenic - Dissolved	51.7		"	50.0	5.92	91.5	75-125				
Beryllium - Dissolved	58.4		"	50.0	0.065	117	75-125				
Cadmium - Dissolved	56.2		"	50.0	0.120	112	75-125				
Selenium - Dissolved	54.6		"	50.0	-0.888	109	75-125				
Thallium - Dissolved	50.2		"	50.0	0.365	99.7	75-125				

Metals by ICP/MS - Quality Control Data

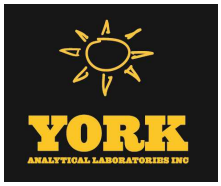
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51227 - EPA 3015A											
Blank (BE51227-BLK1)										Prepared: 05/15/2025 Analyzed: 05/16/2025	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BE51227-BS1)										Prepared: 05/15/2025 Analyzed: 05/16/2025	
Antimony	49.1		ug/L	50.0		98.3	80-120				
Arsenic	49.6		"	50.0		99.1	80-120				
Beryllium	47.5		"	50.0		95.0	80-120				
Cadmium	46.9		"	50.0		93.8	80-120				
Selenium	50.5		"	50.0		101	80-120				
Thallium	49.3		"	50.0		98.7	80-120				
Duplicate (BE51227-DUP1)	*Source sample: 25E0936-01 (MW-1)									Prepared: 05/15/2025 Analyzed: 05/19/2025	
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	1.59	1.11	"		1.54				2.89	20	
Beryllium	0.695	0.333	"		0.698				0.351	20	
Cadmium	0.768	0.556	"		0.729				5.15	20	
Selenium	2.33	1.11	"		3.28				33.9	20	Non-dir.
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BE51227-MS1)	*Source sample: 25E0936-01 (MW-1)									Prepared: 05/15/2025 Analyzed: 05/19/2025	
Antimony	69.4		ug/L	50.0	0.251	138	75-125	High Bias			
Arsenic	53.5		"	50.0	1.39	104	75-125				
Beryllium	33.1		"	50.0	0.628	65.0	75-125	Low Bias			
Cadmium	63.1		"	50.0	0.656	125	75-125				
Selenium	46.4		"	50.0	2.95	86.9	75-125				
Thallium	42.4		"	50.0	0.026	84.8	75-125				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51130 - Analysis Preparation											
Blank (BE51130-BLK1)								Prepared & Analyzed: 05/14/2025			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BE51130-BS1)								Prepared & Analyzed: 05/14/2025			
Chromium, Hexavalent	0.451	0.0100	mg/L	0.500		90.3	85-115				
Duplicate (BE51130-DUP1)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/14/2025			
Chromium, Hexavalent	0.0734	0.0100	mg/L		0.0746				1.59	20	
Matrix Spike (BE51130-MS1)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/14/2025			
Chromium, Hexavalent	0.562	0.0100	mg/L	0.500	0.0746	97.5	85-115				
Matrix Spike Dup (BE51130-MSD1)	*Source sample: 25E0936-01 (MW-1)							Prepared & Analyzed: 05/14/2025			
Chromium, Hexavalent	0.571	0.0100	mg/L	0.500	0.0746	99.4	85-115		1.66	200	



8260D - Quality Control Data

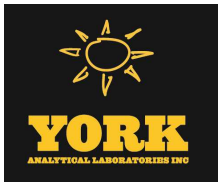
ALS_R

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 879981 - EPA 5030C											
LCS (879981-LCS1)							Prepared & Analyzed: 05/21/2025				
1,1,1,2-Tetrachloroethane	19.2	0.5	UG/L	20		96	76-129				
1,1,1-Trichloroethane	20.3	0.5	"	20		101	75-125				
1,1,2,2-Tetrachloroethane	18.2	0.5	"	20		91	78-126				
1,1,2-Trichloroethane	19.5	0.5	"	20		98	82-121				
1,1,2-Trichlorotrifluoroethane	18.6	0.5	"	20		93	67-124				
1,1-Dichloroethane	19.3	0.5	"	20		97	80-124				
1,1-Dichloroethylene	18.1	0.5	"	20		91	71-118				
1,2,3-Trichlorobenzene	19	0.5	"	20		95	67-136				
1,2,3-Trichloropropane	19.5	0.5	"	20		97	75-118				
1,2,4-Trichlorobenzene	18.9	0.5	"	20		95	75-132				
1,2,4-Trimethylbenzene	19	0.5	"	20		95	81-126				
1,2-Dibromo-3-chloropropane (DBCP)	17.6	1	"	20		88	55-136				
1,2-Dibromoethane	20.4	0.5	"	20		102	82-127				
1,2-Dichlorobenzene	18.9	0.5	"	20		94	80-119				
1,2-Dichloroethane	19.6	0.5	"	20		98	71-127				
1,2-Dichloropropane	19.2	0.5	"	20		96	80-119				
1,3,5-Trimethylbenzene	19	0.5	"	20		95	81-128				
1,3-Dichlorobenzene	19.5	0.5	"	20		98	83-121				
1,3-Dichloropropane	19.1	0.5	"	20		96	83-119				
1,4-Dichlorobenzene	19.1	0.5	"	20		95	79-119				
1,4-Dioxane	367	40	"	400		92	44-154				
2-Hexanone	17.8	2	"	20		89	63-124				
4-Isopropyltoluene	18.9	0.5	"	20		95	78-133				
4-Methyl-2-pentanone	17.9	20	"	20		89	66-124				
Acetone	15.1	5	"	20		75	40-161				
Acrolein	30.2	3.1	"	40		76	13-165				
Acrylonitrile	91.5	2.5	"	100		91	71-130				
Benzene	19.7	0.5	"	20		98	79-119				
Bromochloromethane	19.4	1	"	20		97	81-126				
Bromodichloromethane	19.2	0.5	"	20		96	81-123				
Bromoform	19.4	1	"	20		97	65-146				
Bromomethane	17.2	1	"	20		86	42-166				
Carbon Disulfide	16.6	0.5	"	20		83	66-128				
Carbon Tetrachloride	20.9	0.5	"	20		105	70-127				
Chlorobenzene	19.4	0.5	"	20		97	80-121				
Chloroethane	16.8	0.5	"	20		84	62-131				
Chloroform	19.3	0.51	"	20		97	79-120				
Chloromethane	17.3	0.5	"	20		86	61-143				
cis-1,2-Dichloroethylene	19.5	0.5	"	20		97	80-121				
cis-1,3-Dichloropropene	20.8	0.5	"	20		104	77-122				
Cyclohexane	16.6	1	"	20		83	69-120				
Dibromochloromethane	19.8	0.5	"	20		99	72-128				
Dibromomethane	19.3	0.5	"	20		97	80-118				
Dichlorodifluoromethane (CFC 12)	19.2	0.5	"	20		96	59-155				
Dichloromethane	18.4	0.65	"	20		92	73-122				
Ethylbenzene	20.1	0.5	"	20		101	76-120				
Hexachloro-1,3-butadiene	16.8	0.5	"	20		84	54-172				
Isopropylbenzene (Cumene)	20.9	0.5	"	20		104	77-128				
m+p-Xylenes	40.4	1	"	40		101	80-126				
Methyl Acetate	15.9	1	"	20		80	44-93				
Methyl Ethyl Ketone	17.6	5	"	20		88	61-137				

8260D - Quality Control Data

ALS_R

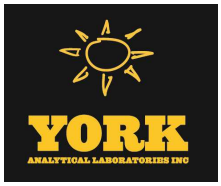
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 879981 - EPA 5030C											
LCS (879981-LCS1)							Prepared & Analyzed: 05/21/2025				
Methyl tert-Butyl Ether	19.8	0.5	UG/L	20		99	75-118				
Methylcyclohexane	16.6	1	"	20		83	51-129				
Naphthalene	18.4	1	"	20		92	59-140				
n-Butylbenzene	18.3	0.5	"	20		91	78-133				
n-Propylbenzene	18.8	0.5	"	20		94	78-131				
o-Xylene	19.7	0.5	"	20		98	79-123				
sec-Butylbenzene	18.3	0.5	"	20		92	75-129				
Styrene	20.1	0.5	"	20		101	80-124				
tert-Butyl Alcohol	403	20	"	400		101	49-141				
tert-Butylbenzene	18.7	0.5	"	20		93	76-126				
Tetrachloroethene	20.2	0.5	"	20		101	72-125				
Toluene	19.8	0.5	"	20		99	79-119				
trans-1,2-Dichloroethene	19.5	0.5	"	20		97	73-118				
trans-1,3-Dichloropropene	21.4	0.5	"	20		107	71-133				
Trichloroethene	19.6	0.5	"	20		98	74-122				
Trichlorofluoromethane	18.6	0.5	"	20		93	71-136				
Vinyl chloride	18.6	0.5	"	20		93	74-159				
Xylenes, total	60.1	0.5	"	60		100	78-121				
Surrogate: 4-Bromofluorobenzene	*44.901*		*"*	*50*		*90*	*85-122*				
Surrogate: Dibromofluoromethane	*44.06*		*"*	*50*		*88*	*80-116*				
Surrogate: Toluene-d8	*43.912*		*"*	*50*		*88*	*87-121*				
Blank (879981-MB1)							Prepared & Analyzed: 05/22/2025				
1,1,1,2-Tetrachloroethane	ND	0.5	UG/L				-				
1,1,1-Trichloroethane	ND	0.5	"				-				
1,1,2,2-Tetrachloroethane	ND	0.5	"				-				
1,1,2-Trichloroethane	ND	0.5	"				-				
1,1,2-Trichlorotrifluoroethane	ND	0.5	"				-				
1,1-Dichloroethane	ND	0.5	"				-				
1,1-Dichloroethylene	ND	0.5	"				-				
1,2,3-Trichlorobenzene	ND	0.5	"				-				
1,2,3-Trichloropropane	ND	0.5	"				-				
1,2,4-Trichlorobenzene	ND	0.5	"				-				
1,2,4-Trimethylbenzene	ND	0.5	"				-				
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	"				-				
1,2-Dibromoethane	ND	0.5	"				-				
1,2-Dichlorobenzene	ND	0.5	"				-				
1,2-Dichloroethane	ND	0.5	"				-				
1,2-Dichloropropane	ND	0.5	"				-				
1,3,5-Trimethylbenzene	ND	0.5	"				-				
1,3-Dichlorobenzene	ND	0.5	"				-				
1,3-Dichloropropane	ND	0.5	"				-				
1,4-Dichlorobenzene	ND	0.5	"				-				
1,4-Dioxane	ND	40	"				-				
2-Hexanone	ND	2	"				-				
4-Isopropyltoluene	ND	0.5	"				-				
4-Methyl-2-pentanone	ND	20	"				-				
Acetone	ND	5	"				-				
Acrolein	ND	3.1	"				-				
Acrylonitrile	ND	2.5	"				-				
Benzene	ND	0.5	"				-				



8260D - Quality Control Data

ALS_R

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 879981 - EPA 5030C											
Blank (879981-MB1)							Prepared & Analyzed: 05/22/2025				
Bromochloromethane	ND	1	UG/L				-				
Bromodichloromethane	ND	0.5	"				-				
Bromoform	ND	1	"				-				
Bromomethane	ND	1	"				-				
Carbon Disulfide	ND	0.5	"				-				
Carbon Tetrachloride	ND	0.5	"				-				
Chlorobenzene	ND	0.5	"				-				
Chloroethane	ND	0.5	"				-				
Chloroform	ND	0.51	"				-				
Chloromethane	ND	0.5	"				-				
cis-1,2-Dichloroethylene	ND	0.5	"				-				
cis-1,3-Dichloropropene	ND	0.5	"				-				
Cyclohexane	ND	1	"				-				
Dibromochloromethane	ND	0.5	"				-				
Dibromomethane	ND	0.5	"				-				
Dichlorodifluoromethane (CFC 12)	ND	0.5	"				-				
Dichloromethane	ND	0.65	"				-				
Ethylbenzene	ND	0.5	"				-				
Hexachloro-1,3-butadiene	ND	0.5	"				-				
Isopropylbenzene (Cumene)	ND	0.5	"				-				
m+p-Xylenes	ND	1	"				-				
Methyl Acetate	ND	1	"				-				
Methyl Ethyl Ketone	ND	5	"				-				
Methyl tert-Butyl Ether	ND	0.5	"				-				
Methylcyclohexane	ND	1	"				-				
Naphthalene	ND	1	"				-				
n-Butylbenzene	ND	0.5	"				-				
n-Propylbenzene	ND	0.5	"				-				
o-Xylene	ND	0.5	"				-				
sec-Butylbenzene	ND	0.5	"				-				
Styrene	ND	0.5	"				-				
tert-Butyl Alcohol	ND	20	"				-				
tert-Butylbenzene	ND	0.5	"				-				
Tetrachloroethene	ND	0.5	"				-				
Toluene	ND	0.5	"				-				
trans-1,2-Dichloroethene	ND	0.5	"				-				
trans-1,3-Dichloropropene	ND	0.5	"				-				
Trichloroethene	ND	0.5	"				-				
Trichlorofluoromethane	ND	0.5	"				-				
Vinyl chloride	ND	0.5	"				-				
Xylenes, total	ND	0.5	"				-				
Surrogate: 4-Bromofluorobenzene	*45.715*		*"*	*50*		*91*	*85-122*				
Surrogate: Dibromofluoromethane	*44.04*		*"*	*50*		*88*	*80-116*				
Surrogate: Toluene-d8	*44.95*		*"*	*50*		*90*	*87-121*				



8260D - Quality Control Data

ALS_R

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 879981 - EPA 5030C											
Matrix Spike (RQ2505999-04)								Prepared & Analyzed: 05/22/2025			
1,1,1,2-Tetrachloroethane	53	0.5	UG/L	50	0	106	68-146			30	
1,1,1-Trichloroethane	57.1	0.5	"	50	0	114	74-127			30	
1,1,2,2-Tetrachloroethane	48	0.5	"	50	0	96	72-122			30	
1,1,2-Trichloroethane	51.4	0.5	"	50	0	103	82-121			30	
1,1,2-Trichlorotrifluoroethane	50.5	0.5	"	50	0	101	50-147			30	
1,1-Dichloroethane	53.9	0.5	"	50	0	108	74-132			30	
1,1-Dichloroethylene	52.9	0.5	"	50	0	106	71-118			30	
1,2,3-Trichlorobenzene	48.3	0.5	"	50	0	97	59-129			30	
1,2,3-Trichloropropane	49.9	0.5	"	50	0	100	75-122			30	
1,2,4-Trichlorobenzene	47.9	0.5	"	50	0	96	69-122			30	
1,2,4-Trimethylbenzene	51	0.5	"	50	0	102	73-133			30	
1,2-Dibromo-3-chloropropane (DBCP)	46.2	1	"	50	0	92	37-150			30	
1,2-Dibromoethane	54.5	0.5	"	50	0	109	67-127			30	
1,2-Dichlorobenzene	49.6	0.5	"	50	0	99	77-120			30	
1,2-Dichloroethane	51.3	0.5	"	50	0	103	68-130			30	
1,2-Dichloropropane	51	0.5	"	50	0	102	79-124			30	
1,3,5-Trimethylbenzene	51.4	0.5	"	50	0	103	81-131			30	
1,3-Dichlorobenzene	50.6	0.5	"	50	0	101	83-121			30	
1,3-Dichloropropane	50.8	0.5	"	50	0	102	79-117			30	
1,4-Dichlorobenzene	49.5	0.5	"	50	0	99	82-120			30	
1,4-Dioxane	935	40	"	1000	0	94	44-154			30	
2-Hexanone	48.6	2	"	50	0	97	56-132			30	
4-Isopropyltoluene	50.7	0.5	"	50	0	101	78-133			30	
4-Methyl-2-pentanone	48.6	20	"	50	0	97	60-141			30	
Acetone	42.9	5	"	50	0.62	86	35-183			30	
Acrolein	73.8	3.1	"	100	0	74	13-165			30	
Acrylonitrile	243	2.5	"	250	0	97	69-131			30	
Benzene	53.7	0.5	"	50	0	107	76-129			30	
Bromochloromethane	52.5	1	"	50	0	105	80-122			30	
Bromodichloromethane	53.5	0.5	"	50	0	107	78-133			30	
Bromoform	51.5	1	"	50	0	103	58-133			30	
Bromomethane	47.8	1	"	50	0	96	10-184			30	
Carbon Disulfide	46.3	0.5	"	50	0	93	59-140			30	
Carbon Tetrachloride	56.5	0.5	"	50	0	113	65-135			30	
Chlorobenzene	51.3	0.5	"	50	0	103	76-125			30	
Chloroethane	49.4	0.5	"	50	0	99	48-146			30	
Chloroform	54.6	0.51	"	50	1.3	107	75-130			30	
Chloromethane	48.6	0.5	"	50	0	97	55-160			30	
cis-1,2-Dichloroethylene	53.6	0.5	"	50	0	107	77-127			30	
cis-1,3-Dichloropropene	51.6	0.5	"	50	0	103	52-134			30	
Cyclohexane	46.5	1	"	50	0	93	52-145			30	
Dibromochloromethane	52.2	0.5	"	50	0	104	72-128			30	
Dibromomethane	52	0.5	"	50	0	104	77-119			30	
Dichlorodifluoromethane (CFC 12)	57.8	0.5	"	50	0	116	49-154			30	
Dichloromethane	50.5	0.65	"	50	0	101	73-122			30	
Ethylbenzene	54.5	0.5	"	50	0	109	72-134			30	
Hexachloro-1,3-butadiene	41.2	0.5	"	50	0	82	54-172			30	
Isopropylbenzene (Cumene)	57	0.5	"	50	0	114	77-128			30	
m+p-Xylenes	109	1	"	100	0	109	80-126			30	
Methyl Acetate	38.8	1	"	50	0	78	26-121			30	
Methyl Ethyl Ketone	45	5	"	50	0	90	61-137			30	

8260D - Quality Control Data

ALS_R

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 879981 - EPA 5030C											
Matrix Spike (RQ2505999-04)								Prepared & Analyzed: 05/22/2025			
Methyl tert-Butyl Ether	51.9	0.5	UG/L	50	0	104	75-119			30	
Methylcyclohexane	44.1	1	"	50	0	88	45-146			30	
Naphthalene	46	1	"	50	0	92	57-153			30	
n-Butylbenzene	48.7	0.5	"	50	0	97	78-133			30	
n-Propylbenzene	50	0.5	"	50	0	100	78-131			30	
o-Xylene	53.4	0.5	"	50	0	107	79-123			30	
sec-Butylbenzene	49.6	0.5	"	50	0	99	75-129			30	
Styrene	54.1	0.5	"	50	0	108	74-136			30	
tert-Butyl Alcohol	1040	20	"	1000	0	104	49-141			30	
tert-Butylbenzene	51.2	0.5	"	50	0	102	68-127			30	
Tetrachloroethene	112	0.5	"	50	54	116	72-125			30	
Toluene	54	0.5	"	50	0.46	107	79-119			30	
trans-1,2-Dichloroethene	53	0.5	"	50	0	106	73-118			30	
trans-1,3-Dichloropropene	52.5	0.5	"	50	0	105	71-133			30	
Trichloroethene	65.4	0.5	"	50	11	109	74-122			30	
Trichlorofluoromethane	53.9	0.5	"	50	0.37	107	71-136			30	
Vinyl chloride	53.9	0.5	"	50	0	108	74-159			30	
Xylenes, total	163	0.5	"	150	0	108	78-121			30	
Surrogate: 4-Bromofluorobenzene	*49.973*		*"*	*50*	*89*	*100*	*85-122*				
Surrogate: Dibromofluoromethane	*50.063*		*"*	*50*	*87*	*100*	*80-116*				
Surrogate: Toluene-d8	*48.907*		*"*	*50*	*88*	*98*	*87-121*				
Matrix Spike Dup (RQ2505999-05)								Prepared & Analyzed: 05/22/2025			
1,1,1,2-Tetrachloroethane	53.8	0.5	UG/L	50	0	108	68-146		1	30	
1,1,1-Trichloroethane	56.2	0.5	"	50	0	112	74-127		2	30	
1,1,2,2-Tetrachloroethane	48	0.5	"	50	0	96	72-122		<1	30	
1,1,2-Trichloroethane	51.2	0.5	"	50	0	102	82-121		<1	30	
1,1,2-Trichlorotrifluoroethane	50.2	0.5	"	50	0	100	50-147		<1	30	
1,1-Dichloroethane	51.9	0.5	"	50	0	104	74-132		4	30	
1,1-Dichloroethylene	51.2	0.5	"	50	0	102	71-118		3	30	
1,2,3-Trichlorobenzene	49.5	0.5	"	50	0	99	59-129		2	30	
1,2,3-Trichloropropane	50.2	0.5	"	50	0	100	75-122		<1	30	
1,2,4-Trichlorobenzene	49.5	0.5	"	50	0	99	69-122		3	30	
1,2,4-Trimethylbenzene	51.3	0.5	"	50	0	103	73-133		<1	30	
1,2-Dibromo-3-chloropropane (DBCP)	47	1	"	50	0	94	37-150		2	30	
1,2-Dibromoethane	53.8	0.5	"	50	0	108	67-127		1	30	
1,2-Dichlorobenzene	50.6	0.5	"	50	0	101	77-120		2	30	
1,2-Dichloroethane	51.2	0.5	"	50	0	102	68-130		<1	30	
1,2-Dichloropropane	51.2	0.5	"	50	0	102	79-124		<1	30	
1,3,5-Trimethylbenzene	51.8	0.5	"	50	0	104	81-131		<1	30	
1,3-Dichlorobenzene	51.6	0.5	"	50	0	103	83-121		2	30	
1,3-Dichloropropane	50.1	0.5	"	50	0	100	79-117		1	30	
1,4-Dichlorobenzene	49.8	0.5	"	50	0	100	82-120		<1	30	
1,4-Dioxane	930	40	"	1000	0	93	44-154		<1	30	
2-Hexanone	48.9	2	"	50	0	98	56-132		<1	30	
4-Isopropyltoluene	51.3	0.5	"	50	0	103	78-133		1	30	
4-Methyl-2-pentanone	48.5	20	"	50	0	97	60-141		<1	30	
Acetone	42.1	5	"	50	0.62	84	35-183		2	30	
Acrolein	71.7	3.1	"	100	0	72	13-165		3	30	
Acrylonitrile	228	2.5	"	250	0	91	69-131		6	30	
Benzene	53.1	0.5	"	50	0	106	76-129		1	30	

8260D - Quality Control Data

ALS_R

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 879981 - EPA 5030C											
Matrix Spike Dup (RQ2505999-05)								Prepared & Analyzed: 05/22/2025			
Bromochloromethane	51.1	1	UG/L	50	0	102	80-122		3	30	
Bromodichloromethane	53.8	0.5	"	50	0	108	78-133		<1	30	
Bromoform	52.4	1	"	50	0	105	58-133		2	30	
Bromomethane	48.6	1	"	50	0	97	10-184		2	30	
Carbon Disulfide	48.5	0.5	"	50	0	97	59-140		5	30	
Carbon Tetrachloride	58.4	0.5	"	50	0	117	65-135		3	30	
Chlorobenzene	51.4	0.5	"	50	0	103	76-125		<1	30	
Chloroethane	47.8	0.5	"	50	0	96	48-146		3	30	
Chloroform	52.7	0.51	"	50	1.3	103	75-130		3	30	
Chloromethane	49.1	0.5	"	50	0	98	55-160		<1	30	
cis-1,2-Dichloroethylene	52.2	0.5	"	50	0	104	77-127		3	30	
cis-1,3-Dichloropropene	51.8	0.5	"	50	0	104	52-134		<1	30	
Cyclohexane	47	1	"	50	0	94	52-145		1	30	
Dibromochloromethane	52.6	0.5	"	50	0	105	72-128		<1	30	
Dibromomethane	51.4	0.5	"	50	0	103	77-119		1	30	
Dichlorodifluoromethane (CFC 12)	53.6	0.5	"	50	0	107	49-154		8	30	
Dichloromethane	48.3	0.65	"	50	0	97	73-122		4	30	
Ethylbenzene	54.2	0.5	"	50	0	108	72-134		<1	30	
Hexachloro-1,3-butadiene	40.9	0.5	"	50	0	82	54-172		<1	30	
Isopropylbenzene (Cumene)	57.4	0.5	"	50	0	115	77-128		<1	30	
m+p-Xylenes	110	1	"	100	0	110	80-126		<1	30	
Methyl Acetate	37.3	1	"	50	0	75	26-121		4	30	
Methyl Ethyl Ketone	42.5	5	"	50	0	85	61-137		6	30	
Methyl tert-Butyl Ether	50.8	0.5	"	50	0	102	75-119		2	30	
Methylcyclohexane	44	1	"	50	0	88	45-146		<1	30	
Naphthalene	47.3	1	"	50	0	95	57-153		3	30	
n-Butylbenzene	49.7	0.5	"	50	0	99	78-133		2	30	
n-Propylbenzene	50.7	0.5	"	50	0	101	78-131		1	30	
o-Xylene	53.5	0.5	"	50	0	107	79-123		<1	30	
sec-Butylbenzene	50.6	0.5	"	50	0	101	75-129		2	30	
Styrene	54.3	0.5	"	50	0	109	74-136		<1	30	
tert-Butyl Alcohol	1030	20	"	1000	0	103	49-141		1	30	
tert-Butylbenzene	52.5	0.5	"	50	0	105	68-127		2	30	
Tetrachloroethene	109	0.5	"	50	54	110	72-125		3	30	
Toluene	53.7	0.5	"	50	0.46	106	79-119		<1	30	
trans-1,2-Dichloroethene	52.4	0.5	"	50	0	105	73-118		1	30	
trans-1,3-Dichloropropene	53.3	0.5	"	50	0	107	71-133		1	30	
Trichloroethene	64.6	0.5	"	50	11	108	74-122		1	30	
Trichlorofluoromethane	52	0.5	"	50	0.37	103	71-136		4	30	
Vinyl chloride	51.5	0.5	"	50	0	103	74-159		5	30	
Xylenes, total	163	0.5	"	150	0	109	78-121		<1	30	
Surrogate: 4-Bromofluorobenzene	*48.446*		*"*	*50*	*89*	*97*	*85-122*				
Surrogate: Dibromofluoromethane	*48.693*		*"*	*50*	*87*	*97*	*80-116*				
Surrogate: Toluene-d8	*48.294*		*"*	*50*	*88*	*97*	*87-121*				

SW7470A - Quality Control Data

Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 784733A - SW7470A											
BLK (CT27045-BLK)									Prepared: 05/16/2025 Analyzed: 05/19/2025		
Mercury	BRL	0.0002	mg/L			BRL	-				
LCS (CT27045-LCS)									Prepared: 05/16/2025 Analyzed: 05/19/2025		
Mercury	0.002532	0.0002	mg/L	0.0025		101	75-125			20	
Batch 784901A - SW7470A											
BLK (CT30075-BLK)									Prepared: 05/17/2025 Analyzed: 05/19/2025		
Mercury	BRL	0.0002	mg/L			BRL	-				
LCS (CT30075-LCS)									Prepared: 05/17/2025 Analyzed: 05/19/2025		
Mercury	0.002491	0.0002	mg/L	0.0025		99.6	75-125			20	
Batch 784903A - SW7470A											
BLK (CT28768-BLK)									Prepared: 05/17/2025 Analyzed: 05/20/2025		
Mercury (Dissolved)	BRL	0.0002	mg/L			BRL	-				
DUP (CT28768-DUP)									Prepared: 05/17/2025 Analyzed: 05/20/2025		
Mercury (Dissolved)	BRL	0.0002	mg/L				-		NC	20	
LCS (CT28768-LCS)									Prepared: 05/17/2025 Analyzed: 05/20/2025		
Mercury (Dissolved)	0.002610	0.0002	mg/L	0.0025		104	75-125			20	
MS (CT28768-MS)									Prepared: 05/17/2025 Analyzed: 05/20/2025		
Mercury (Dissolved)	0.002476	0.0002	mg/L	0.0025		99.0	75-125			20	

SW7470A - Quality Control Data

Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 784903A - SW7470A											
MSD (CT28768-MSD)									Prepared: 05/17/2025 Analyzed: 05/20/2025		
Mercury (Dissolved)	0.002478	0.0002	mg/L	0.0025		99.1	75-125		0.1	20	

Sample and Data Qualifiers Relating to This Work Order

U	The compound was analyzed for, but was not detected (Non-detect) at or above the MRL/MDL.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
Ja	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to include the Subcontract VOA results.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25E.0936

Page 1 of 1

Report To:	Invoice To:
Company: Vektor Consultants	Company:
Address: 32 W. 37th St., 6th Flr NY, NY 10018	Address:
Phone: 347-871-0750	Phone:
Contact: Engr Manager	Contact:
E-mail: Engr@vektorconsultants.com	E-mail: AP@Veledo

YOUR Project Name / Number:

PO Number:

Samples Collected From: NY ✓ | NJ | CT | PA | Other: (please specify)

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) ✓
- PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	SVOCs	PCBs	Pesticides	Target Analyte List (Dissolved Metals)	Target Analyte List	PFAS	1,4 Dioxane	Grab or Comp. G/C
MW-1	5/14/25	0940	GW	7	3		1							X	X	X	X	X	X	X	X	G
MS-1	"	0945	GW	7	3		1							X	X	X	X	X	X	X	X	G
MSD-1	"	0950	GW	7	3		1							X	X	X	X	X	X	X	X	G
MW-7	"	1345	GW	2																		G
FB-1	5/14/25		FB	7	3		1							X	X	X	X	X	X	X	X	G
TB-1	LAB	LAB	TB		2									X								G

Report Type (circle)
- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)
- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

- Field Filtered
- Lab Filtered ✓

Comments: LAB to filter

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volume: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time 5/14/25 1925	1. Samples Received by / Company	Date/Time 5/14/25 1425
2. Samples Received by / Company MAS	Date/Time 5/14/25 15:30 4.1	3. Samples Relinquished by / Company MAS	Date/Time 5/14/25 1943
4. Samples Relinquished by / Company	Date/Time 5/14/25 2130	4. Samples Received by / Company	Date/Time
2. Samples Relinquished by / Company	Date/Time 5/14/25 15:30		
3. Samples Relinquished by / Company	Date/Time 5/14/25 1943		
Samples Received in LAB by	Date/Time 5/14/25 21:30	Temperature 4.4 °C	

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 06/16/2025
Client Project ID: 32-20 38th Avenue, Queens NY
York Project (SDG) No.: 25E1068

Revision No. 1.0

Report Date: 06/16/2025
Client Project ID: 32-20 38th Avenue, Queens NY
York Project (SDG) No.: 25E1068

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 15, 2025 and listed below. The project was identified as your project: **32-20 38th Avenue, Queens NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25E1068-01	MW-3	Ground Water	05/15/2025	05/15/2025
25E1068-02	MW-DUP-1	Ground Water	05/15/2025	05/15/2025
25E1068-03	MW-7	Ground Water	05/15/2025	05/15/2025
25E1068-04	MW-2	Ground Water	05/15/2025	05/15/2025
25E1068-05	FB-2	Water	05/15/2025	05/15/2025
25E1068-06	MW-4	Ground Water	05/15/2025	05/15/2025
25E1068-07	MW-5	Ground Water	05/15/2025	05/15/2025
25E1068-08	TB-2	Water	05/15/2025	05/15/2025

General Notes for York Project (SDG) No.: 25E1068

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: **Date:** 06/16/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.56	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/L	5.56	11.1	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.833	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
2312-35-8	* Propargite	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/21/2025 23:38	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.0 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*14.9 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*36.2 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.8 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.2 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.4 %*		*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	ICVE	ug/L	0.250	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:07	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	05/20/2025 08:54	05/20/2025 16:18	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*36.6-118*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**5.29**		ng/L	0.454	1.71	1	EPA 1633 Draft 3	05/16/2025 15:06	05/19/2025 12:04	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**19.2**		ng/L	0.338	1.93	1	EPA 1633 Draft 3	05/16/2025 15:06	05/19/2025 12:04	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **25E1068-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**34.8**		ng/L	0.687	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**7.88**		ng/L	0.658	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
335-67-1	**Perfluorooctanoic acid (PFOA)**	**170**		ng/L	0.406	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**3.14**		ng/L	0.793	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.68**	J	ng/L	0.503	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.725	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.09	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.851	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.716	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.667	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.764	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.996	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**11.5**		ng/L	0.222	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.851	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
375-92-8	* **Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.22**	J	ng/L	0.880	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.28	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.25	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.98	7.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**13.1**		ng/L	0.319	7.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.483	3.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:04	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.07	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:04	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.242	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:04	ESJ

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.358	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:04	ESJ
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.76**	J	ng/L	0.735	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.73	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.12	7.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.33	7.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.677	7.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
919005-14-4	ADONA	ND		ng/L	0.512	7.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.899	1.88	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:04	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.832	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:04	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.96	4.83	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:04	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.09	24.2	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:04	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.16	24.2	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:04	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.86	19.3	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:04	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.53	1.93	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:04	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.86	19.3	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:04	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.74	1.93	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:04	ESJ

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*88.0 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*89.0 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*91.2 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*84.3 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*84.4 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*78.4 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*63.3 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*42.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*24.2 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*51.2 %*	*25-150*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*80.8 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*89.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*84.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*69.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*64.2 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*90.3 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*77.0 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*74.9 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*106 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*54.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*31.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*91.1 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*17.1 %*	PFSu-L		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*21.7 %*	PFSu-L		*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC [2C]	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:08	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 17:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 17:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 17:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 17:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 17:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 17:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 17:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 17:59	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**24.8**		mg/L	0.500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.716**		mg/L	0.250	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**159**	M-BS	mg/L	0.500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.0750**		mg/L	0.0500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**0.0830**		mg/L	0.0400	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.200	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**24.6**		mg/L	2.50	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**0.0550**		mg/L	0.0500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**42.4**		mg/L	0.500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**4.60**		mg/L	0.0500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.100	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**9.77**		mg/L	0.500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.0500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**277**		mg/L	5.00	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.100	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.250	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0786**		mg/L	0.0278	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**84.6**		mg/L	0.0556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**17.7**		mg/L	0.0556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**3.24**		mg/L	0.0556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**277**		mg/L	0.556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:18	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.71**		ug/L	2.22	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:18	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**1.18**	M-CCV 1	ug/L	0.667	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:18	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:18	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**8.67**		ug/L	2.22	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:18	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	2.22	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:18	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	5.56	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	5.56	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	1.67	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	2.78	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**7.59**		ug/L	5.56	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	5.56	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/15/2025 22:41	05/15/2025 22:50	SML
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**0.0750**		mg/L	0.0100	1	Calculation	05/21/2025 17:48	05/21/2025 17:58	SL
							Certifications:			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
71-55-6	1,1,1-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
79-00-5	1,1,2-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
75-34-3	1,1-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
75-35-4	1,1-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
87-61-6	1,2,3-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
96-18-4	1,2,3-Trichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
120-82-1	1,2,4-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
95-63-6	1,2,4-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
106-93-4	1,2-Dibromoethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
95-50-1	1,2-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
107-06-2	1,2-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
78-87-5	1,2-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
108-67-8	1,3,5-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
541-73-1	1,3-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
142-28-9	1,3-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
106-46-7	1,4-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	U	UG/L	40	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
103-65-1	103-65-1	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
135-98-8	135-98-8	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
591-78-6	2-Hexanone	ND	U	UG/L	2	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
99-87-6	4-Isopropyltoluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
108-10-1	4-Methyl-2-pentanone	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
75-65-0	75-65-0	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
79-20-9	79-20-9	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
91-20-3	91-20-3	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
67-64-1	Acetone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
107-02-8	Acrolein	ND	U	UG/L	3.1	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
107-13-1	Acrylonitrile	ND	U	UG/L	2.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
71-43-2	Benzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
74-97-5	Bromochloromethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
75-27-4	Bromodichloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
75-25-2	Bromoform	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
74-83-9	Bromomethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
75-15-0	Carbon Disulfide	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
56-23-5	Carbon Tetrachloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
108-90-7	Chlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
75-00-3	Chloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND	U	UG/L	0.51	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
74-87-3	Chloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
156-59-2	cis-1,2-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
10061-01-5	cis-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
110-82-7	Cyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
124-48-1	Dibromochloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
74-95-3	Dibromomethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
75-09-2	Dichloromethane	ND	U	UG/L	0.65	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
100-41-4	Ethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
87-68-3	Hexachloro-1,3-butadiene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
98-82-8	Isopropylbenzene (Cumene)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
108-38-3/106-42-	m+p-Xylenes	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
78-93-3	Methyl Ethyl Ketone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
1634-04-4	Methyl tert-Butyl Ether	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
108-87-2	Methylcyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
104-51-8	n-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
95-47-6	o-Xylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
100-42-5	Styrene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
98-06-6	tert-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
127-18-4	**Tetrachloroethene**	**0.22**	Ja	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25E1068-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:00 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**2.1**		UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
156-60-5	trans-1,2-Dichloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
10061-02-6	trans-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
79-01-6	**Trichloroethene**	**1.3**		UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
75-69-4	**Trichlorofluoromethane**	**4.3**		UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
75-01-4	Vinyl chloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS
1330-20-7	Xylenes, total	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:23	05/25/2025 21:23	ALS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: 4-Bromofluorobenzene*	*109 %*	*85-122*
1868-53-7	*Surrogate: Dibromofluoromethane*	*108 %*	*80-116*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*87-121*

Analyzed by: Phoenix Environmental Labs, Inc.

SW7470A Mercury

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	SW7470A Certifications:	05/20/2025 00:00	05/20/2025 09:51	CT007

SW7470A Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: 0.45um Filter

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury (Dissolved)	ND		mg/L	0.0002	0.0002	1	SW7470A Certifications:	05/17/2025 00:00	05/20/2025 07:57	CT007

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.56	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/L	5.56	11.1	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.833	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
2312-35-8	* Propargite	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:06	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.6 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.0 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*43.4 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.6 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.5 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.3 %*		*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	ICVE	ug/L	0.250	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 17:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	05/20/2025 08:54	05/20/2025 16:32	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*36.6-118*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**4.14**		ng/L	0.395	1.49	1	EPA 1633 Draft 3	05/16/2025 15:06	05/19/2025 12:20	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**15.8**		ng/L	0.294	1.68	1	EPA 1633 Draft 3	05/16/2025 15:06	05/19/2025 12:20	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**28.8**		ng/L	0.597	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**6.92**		ng/L	0.572	1.54	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
335-67-1	**Perfluorooctanoic acid (PFOA)**	**134**		ng/L	0.353	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**2.36**		ng/L	0.690	1.56	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
375-95-1	**Perfluorononanoic acid (PFNA)**	**2.04**		ng/L	0.437	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.631	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.950	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.740	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.622	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.580	1.68	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.664	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.866	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**9.45**		ng/L	0.193	3.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.740	1.68	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
375-92-8	* **Perfluoro-1-heptanesulfonic acid (PFHpS)**	**0.902**	J	ng/L	0.765	1.61	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.11	1.62	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.31	6.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.72	6.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**10.1**		ng/L	0.278	6.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.421	2.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:20	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.80	3.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:20	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.210	3.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:20	ESJ

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.311	3.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:20	ESJ
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.60**		ng/L	0.639	1.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.51	6.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.72	6.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.16	6.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.589	6.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
919005-14-4	ADONA	ND		ng/L	0.446	6.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.782	1.63	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:20	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.723	1.61	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:20	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.71	4.21	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:20	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.16	21.0	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:20	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	7.96	21.0	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:20	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.36	16.8	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:20	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.33	1.68	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:20	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.36	16.8	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:20	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.51	1.68	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:20	ESJ

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*69.5 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*62.5 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*61.1 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*64.5 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*59.4 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*52.8 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*37.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*29.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*11.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*30.7 %*	*25-150*

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*53.6 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*61.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*53.1 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*44.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*39.0 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*66.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*61.1 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*53.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*73.1 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*33.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*16.6 %*	PFSu-L		*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*69.2 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*11.7 %*	PFSu-L		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*11.8 %*	PFSu-L		*25-150*						

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC [2C]	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:24	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 18:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 18:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 18:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 18:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 18:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 18:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 18:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/22/2025 18:13	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**34.1**		mg/L	0.500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**1.09**		mg/L	0.250	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**226**	M-BS	mg/L	0.500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.0940**		mg/L	0.0500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**0.128**		mg/L	0.0400	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.200	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**31.0**		mg/L	2.50	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**0.0550**		mg/L	0.0500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**60.8**		mg/L	0.500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**7.43**		mg/L	0.0500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**0.135**		mg/L	0.100	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**12.6**		mg/L	0.500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.0500	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**309**		mg/L	5.00	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.100	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.306**		mg/L	0.250	1	EPA 6010D	05/19/2025 14:57	05/20/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0786**		mg/L	0.0278	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**83.6**		mg/L	0.0556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**17.2**		mg/L	0.0556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**3.37**		mg/L	0.0556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**275**		mg/L	0.556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.19**		ug/L	1.11	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**1.06**	M-CCV 1	ug/L	0.333	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.934**	M-CCV 1, M-BS	ug/L	0.556	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**7.88**		ug/L	1.11	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**4.87**		ug/L	1.11	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/15/2025 22:41	05/15/2025 22:50	SML
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**0.0940**		mg/L	0.0100	1	Calculation	05/21/2025 17:48	05/21/2025 17:58	SL
							Certifications:			

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
71-55-6	1,1,1-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
79-00-5	1,1,2-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
75-34-3	1,1-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
75-35-4	1,1-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
87-61-6	1,2,3-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
96-18-4	1,2,3-Trichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
120-82-1	1,2,4-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
95-63-6	1,2,4-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
106-93-4	1,2-Dibromoethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
95-50-1	1,2-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
107-06-2	1,2-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
78-87-5	1,2-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
108-67-8	1,3,5-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
541-73-1	1,3-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
142-28-9	1,3-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
106-46-7	1,4-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	U	UG/L	40	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
103-65-1	103-65-1	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
135-98-8	135-98-8	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
591-78-6	2-Hexanone	ND	U	UG/L	2	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
99-87-6	4-Isopropyltoluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
108-10-1	4-Methyl-2-pentanone	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
75-65-0	75-65-0	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
79-20-9	79-20-9	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
91-20-3	91-20-3	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
67-64-1	Acetone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
107-02-8	Acrolein	ND	U	UG/L	3.1	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
107-13-1	Acrylonitrile	ND	U	UG/L	2.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
71-43-2	Benzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
74-97-5	Bromochloromethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
75-27-4	Bromodichloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
75-25-2	Bromoform	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
74-83-9	Bromomethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
75-15-0	Carbon Disulfide	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
56-23-5	Carbon Tetrachloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
108-90-7	Chlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
75-00-3	Chloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND	U	UG/L	0.51	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
74-87-3	Chloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
156-59-2	cis-1,2-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
10061-01-5	cis-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
110-82-7	Cyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
124-48-1	Dibromochloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
74-95-3	Dibromomethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
75-09-2	Dichloromethane	ND	U	UG/L	0.65	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
100-41-4	Ethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
87-68-3	Hexachloro-1,3-butadiene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
98-82-8	Isopropylbenzene (Cumene)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
108-38-3/106-42-	m+p-Xylenes	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
78-93-3	Methyl Ethyl Ketone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
1634-04-4	Methyl tert-Butyl Ether	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
108-87-2	Methylcyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
104-51-8	n-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
95-47-6	o-Xylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
100-42-5	Styrene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
98-06-6	tert-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
127-18-4	Tetrachloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS

Sample Information

Client Sample ID: MW-DUP-1 **York Sample ID:** 25E1068-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 12:20 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**2**		UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
156-60-5	trans-1,2-Dichloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
10061-02-6	trans-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
79-01-6	**Trichloroethene**	**1.3**		UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
75-69-4	**Trichlorofluoromethane**	**4.2**		UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
75-01-4	Vinyl chloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS
1330-20-7	Xylenes, total	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:46	05/25/2025 21:46	ALS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: 4-Bromofluorobenzene*	*113 %*	*85-122*
1868-53-7	*Surrogate: Dibromofluoromethane*	*108 %*	*80-116*
2037-26-5	*Surrogate: Toluene-d8*	*111 %*	*87-121*

Analyzed by: Phoenix Environmental Labs, Inc.

SW7470A Mercury

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	SW7470A Certifications:	05/20/2025 00:00	05/20/2025 09:54	CT007

SW7470A Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: 0.45um Filter

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury (Dissolved)	ND		mg/L	0.0002	0.0002	1	SW7470A Certifications:	05/17/2025 00:00	05/20/2025 08:00	CT007

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E1068-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E1068-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/L	5.00	10.0	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E1068-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/21/2025 08:25	05/22/2025 00:36	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.0 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.5 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.8 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.8 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.0 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.4 %*		*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E1068-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	ICVE	ug/L	0.250	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/21/2025 08:30	05/23/2025 18:08	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	05/20/2025 08:54	05/20/2025 16:47	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*36.6-118*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E1068-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC [2C]	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
60-57-1	**Dieldrin**	**0.149**		ug/L	0.00200	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	**Endrin ketone**	**0.197**		ug/L	0.0100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	05/21/2025 09:56	05/22/2025 20:39	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E1068-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.1 %*			*30-150*					
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.5 %*			*30-150*					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/23/2025 09:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/23/2025 09:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/23/2025 09:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/23/2025 09:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/23/2025 09:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/23/2025 09:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/23/2025 09:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	05/21/2025 09:49	05/23/2025 09:44	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1.16**		mg/L	0.0556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0687**	M-CCV 1	mg/L	0.0278	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**136**	M-BS, B	mg/L	0.0556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.0139**		mg/L	0.00556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E1068-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**1.53**		mg/L	0.278	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**49.6**		mg/L	0.0556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.227**		mg/L	0.00556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**6.37**		mg/L	0.0556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**43.8**	M-BS	mg/L	0.556	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/19/2025 09:11	05/19/2025 17:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0638**		mg/L	0.0278	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**135**		mg/L	0.0556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.0121**		mg/L	0.00556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E1068-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**47.1**		mg/L	0.0556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.237**		mg/L	0.00556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**6.55**		mg/L	0.0556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**44.2**		mg/L	0.556	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0609**		mg/L	0.0278	1	EPA 6010D	05/19/2025 15:18	05/21/2025 09:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.53**		ug/L	1.11	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**13.5**		ug/L	1.11	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/19/2025 09:01	05/22/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:43	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	2.22	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:43	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E1068-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	0.667	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:43	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:43	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**10.5**		ug/L	2.22	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:43	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	2.22	1	EPA 6020B	05/19/2025 15:26	05/21/2025 15:43	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	05/15/2025 22:41	05/15/2025 22:50	SML
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.0125**		mg/L	0.0100	1	Calculation	05/21/2025 17:48	05/21/2025 17:58	SL
							Certifications:			

Analyzed by: ALS_R

8260D

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D	05/25/2025 23:17	05/25/2025 23:17	ALS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND	U	UG/L	0.5	1	8260D	05/25/2025 23:17	05/25/2025 23:17	ALS
							Certifications:			
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D	05/25/2025 23:17	05/25/2025 23:17	ALS
							Certifications:			
79-00-5	1,1,2-Trichloroethane	ND	U	UG/L	0.5	1	8260D	05/25/2025 23:17	05/25/2025 23:17	ALS
							Certifications:			
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	UG/L	0.5	1	8260D	05/25/2025 23:17	05/25/2025 23:17	ALS
							Certifications:			
75-34-3	1,1-Dichloroethane	ND	U	UG/L	0.5	1	8260D	05/25/2025 23:17	05/25/2025 23:17	ALS
							Certifications:			

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E1068-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
87-61-6	1,2,3-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
96-18-4	1,2,3-Trichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
120-82-1	1,2,4-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
95-63-6	1,2,4-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
106-93-4	1,2-Dibromoethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
95-50-1	1,2-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
107-06-2	1,2-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
78-87-5	1,2-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
108-67-8	1,3,5-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
541-73-1	1,3-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
142-28-9	1,3-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
106-46-7	1,4-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
123-91-1	1,4-Dioxane	ND	U	UG/L	40	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
103-65-1	103-65-1	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
135-98-8	135-98-8	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
591-78-6	2-Hexanone	ND	U	UG/L	2	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
99-87-6	4-Isopropyltoluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
108-10-1	4-Methyl-2-pentanone	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
75-65-0	75-65-0	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **25E1068-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Analyzed by: ALS_R

8260D **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	79-20-9	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
91-20-3	91-20-3	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
67-64-1	Acetone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
107-02-8	Acrolein	ND	U	UG/L	3.1	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
107-13-1	Acrylonitrile	ND	U	UG/L	2.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
71-43-2	Benzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
74-97-5	Bromochloromethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
75-27-4	Bromodichloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
75-25-2	Bromoform	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
74-83-9	Bromomethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
75-15-0	Carbon Disulfide	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
56-23-5	Carbon Tetrachloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
108-90-7	Chlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
75-00-3	Chloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
67-66-3	**Chloroform**	**0.56**		UG/L	0.51	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
74-87-3	Chloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
156-59-2	**cis-1,2-Dichloroethylene**	**4.2**		UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
10061-01-5	cis-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
110-82-7	Cyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
124-48-1	Dibromochloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
74-95-3	Dibromomethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **25E1068-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
75-09-2	Dichloromethane	ND	U	UG/L	0.65	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
100-41-4	Ethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
87-68-3	Hexachloro-1,3-butadiene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
98-82-8	Isopropylbenzene (Cumene)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
108-38-3/106-42-	m+p-Xylenes	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
78-93-3	Methyl Ethyl Ketone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
624-91-9	**Methyl nitrite**	**1.3**	JN	UG/L		1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
1634-04-4	Methyl tert-Butyl Ether	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
108-87-2	Methylcyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
104-51-8	n-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
95-47-6	o-Xylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
100-42-5	Styrene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
98-06-6	tert-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
127-18-4	**Tetrachloroethene**	**42**		UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
108-88-3	**Toluene**	**0.29**	Ja	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
156-60-5	trans-1,2-Dichloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
10061-02-6	trans-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
79-01-6	**Trichloroethene**	**79**		UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
75-69-4	**Trichlorofluoromethane**	**1.1**		UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS
75-01-4	Vinyl chloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 23:17	05/25/2025 23:17	ALS

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 25E1068-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 9:00 am	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, total	ND	U	UG/L	0.5	1	8260D	05/25/2025 23:17	05/25/2025 23:17	ALS
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: 4-Bromofluorobenzene*	*99 %*	*85-122*
1868-53-7	*Surrogate: Dibromofluoromethane*	*97 %*	*80-116*
2037-26-5	*Surrogate: Toluene-d8*	*97 %*	*87-121*

Analyzed by: Phoenix Environmental Labs, Inc.

SW7470A Mercury

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	SW7470A	05/20/2025 00:00	05/20/2025 09:56	CT007
								Certifications:			

SW7470A Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: 0.45um Filter

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury (Dissolved)	ND		mg/L	0.0002	0.0002	1	SW7470A	05/17/2025 00:00	05/20/2025 08:02	CT007
								Certifications:			

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **25E1068-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:30 pm	05/15/2025

Q P PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**0.687**	J	ng/L	0.511	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**6.08**		ng/L	0.381	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**6.46**		ng/L	0.772	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**1.74**	J	ng/L	0.740	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
335-67-1	**Perfluorooctanoic acid (PFOA)**	**32.8**		ng/L	0.457	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.892	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.865**	J	ng/L	0.566	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.816	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.23	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.957	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.805	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.750	2.18	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.859	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.12	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**3.79**	J	ng/L	0.250	4.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**1.08**	J	ng/L	0.957	2.18	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.990	2.08	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.44	2.10	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	8.16	8.27	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.23	8.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**3.79**	J	ng/L	0.359	8.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25E1068-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:30 pm	05/15/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.544	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:37	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.33	4.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:37	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.272	4.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:37	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.402	4.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:37	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.827	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.95	8.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.51	8.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.50	8.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.761	8.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
919005-14-4	ADONA	ND		ng/L	0.576	8.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.01	2.11	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:37	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.935	2.09	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:37	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.21	5.44	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:37	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.97	27.2	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:37	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	10.3	27.2	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:37	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.34	21.8	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:37	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.72	2.18	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:37	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.34	21.8	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:37	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.96	2.18	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:37	ESJ

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*126 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*131 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*143 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*129 %*	*25-150*

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25E1068-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:30 pm	05/15/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*110 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*103 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*62.3 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*34.6 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*6.05 %*	PFSu-L		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*83.3 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*97.6 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*139 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*95.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*69.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*52.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*148 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*97.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*120 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*203 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*29.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*15.2 %*	PFSu-L		*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*144 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*4.30 %*	PFSu-L		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*3.89 %*	PFSu-L		*25-150*						

Analyzed by: ALS_R

8260D

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
71-55-6	1,1,1-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
79-00-5	1,1,2-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
75-34-3	1,1-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
75-35-4	1,1-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25E1068-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:30 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
96-18-4	1,2,3-Trichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
120-82-1	1,2,4-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
95-63-6	1,2,4-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
106-93-4	1,2-Dibromoethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
95-50-1	1,2-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
107-06-2	1,2-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
78-87-5	1,2-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
108-67-8	1,3,5-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
541-73-1	1,3-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
142-28-9	1,3-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
106-46-7	1,4-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
123-91-1	1,4-Dioxane	ND	U	UG/L	40	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
103-65-1	103-65-1	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
135-98-8	135-98-8	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
591-78-6	2-Hexanone	ND	U	UG/L	2	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
99-87-6	4-Isopropyltoluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
108-10-1	4-Methyl-2-pentanone	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
75-65-0	75-65-0	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
79-20-9	79-20-9	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **25E1068-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:30 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	91-20-3	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
67-64-1	Acetone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
107-02-8	Acrolein	ND	U	UG/L	3.1	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
107-13-1	Acrylonitrile	ND	U	UG/L	2.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
71-43-2	Benzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
74-97-5	Bromochloromethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
75-27-4	Bromodichloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
75-25-2	Bromoform	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
74-83-9	Bromomethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
75-15-0	Carbon Disulfide	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
56-23-5	Carbon Tetrachloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
108-90-7	Chlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
75-00-3	Chloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
67-66-3	**Chloroform**	**1.9**		UG/L	0.51	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
74-87-3	Chloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
156-59-2	cis-1,2-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
10061-01-5	cis-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
110-82-7	Cyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
124-48-1	Dibromochloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
74-95-3	Dibromomethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25E1068-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:30 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Dichloromethane	ND	U	UG/L	0.65	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
100-41-4	Ethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
87-68-3	Hexachloro-1,3-butadiene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
98-82-8	Isopropylbenzene (Cumene)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
108-38-3/106-42-	m+p-Xylenes	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
78-93-3	Methyl Ethyl Ketone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
1634-04-4	Methyl tert-Butyl Ether	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
108-87-2	Methylcyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
104-51-8	n-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
95-47-6	o-Xylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
100-42-5	Styrene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
98-06-6	tert-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
127-18-4	**Tetrachloroethene**	**0.79**		UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
108-88-3	Toluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
156-60-5	trans-1,2-Dichloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
10061-02-6	trans-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
79-01-6	**Trichloroethene**	**1.6**		UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
75-69-4	**Trichlorofluoromethane**	**1.2**		UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
75-01-4	Vinyl chloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS
1330-20-7	Xylenes, total	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:09	05/25/2025 22:09	ALS

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25E1068-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:30 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: 4-Bromofluorobenzene*	*110 %*			*85-122*					
1868-53-7	*Surrogate: Dibromofluoromethane*	*106 %*			*80-116*					
2037-26-5	*Surrogate: Toluene-d8*	*106 %*			*87-121*					

Sample Information

Client Sample ID: **FB-2** **York Sample ID:** **25E1068-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Water	May 15, 2025 9:30 am	05/15/2025

Q P PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.459	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.342	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.694	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.664	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.410	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.801	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.508	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.733	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.860	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.723	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.674	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.772	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.01	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.225	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.860	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.889	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.29	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.33	7.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	7.50	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.322	7.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ

Sample Information

Client Sample ID: FB-2 **York Sample ID:** 25E1068-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Water	May 15, 2025 9:30 am	05/15/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.489	3.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:53	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.09	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:53	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.244	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:53	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.362	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/16/2025 15:06	05/19/2025 12:53	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.743	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.75	7.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.16	7.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.35	7.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.684	7.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
919005-14-4	ADONA	ND		ng/L	0.518	7.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.909	1.90	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:53	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.840	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/16/2025 15:06	05/19/2025 12:53	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.98	4.89	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:53	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.16	24.4	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:53	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.25	24.4	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:53	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.90	19.5	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:53	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.54	1.95	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:53	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.90	19.5	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:53	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.76	1.95	1	EPA 1633 Draft 3 Certifications:	05/16/2025 15:06	05/19/2025 12:53	ESJ

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*112 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*119 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*	*25-150*

Sample Information

Client Sample ID: **FB-2** **York Sample ID:** **25E1068-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Water	May 15, 2025 9:30 am	05/15/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*121 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*121 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*105 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*80.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.2 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*13.3 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*105 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*75.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*113 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*112 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*111 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*112 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*112 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*107 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*113 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*118 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*108 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*127 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*91.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.5 %*			*25-150*						

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25E1068-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:00 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
71-55-6	1,1,1-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
79-00-5	1,1,2-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
75-34-3	1,1-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
75-35-4	1,1-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
87-61-6	1,2,3-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
96-18-4	1,2,3-Trichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
120-82-1	1,2,4-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
95-63-6	1,2,4-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
106-93-4	1,2-Dibromoethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
95-50-1	1,2-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
107-06-2	1,2-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
78-87-5	1,2-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
108-67-8	1,3,5-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
541-73-1	1,3-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
142-28-9	1,3-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
106-46-7	1,4-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **25E1068-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:00 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	U	UG/L	40	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
103-65-1	103-65-1	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
135-98-8	135-98-8	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
104-76-7	**1-Hexanol, 2-ethyl-**	**3.7**	JN	UG/L		1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
591-78-6	2-Hexanone	ND	U	UG/L	2	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
99-87-6	4-Isopropyltoluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
108-10-1	4-Methyl-2-pentanone	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
75-65-0	75-65-0	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
79-20-9	79-20-9	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
91-20-3	91-20-3	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
67-64-1	Acetone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
107-02-8	Acrolein	ND	U	UG/L	3.1	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
107-13-1	Acrylonitrile	ND	U	UG/L	2.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
71-43-2	Benzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
74-97-5	Bromochloromethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
75-27-4	Bromodichloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
75-25-2	Bromoform	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
74-83-9	Bromomethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
75-15-0	Carbon Disulfide	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
56-23-5	Carbon Tetrachloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
108-90-7	Chlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **25E1068-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:00 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
67-66-3	Chloroform	ND	U	UG/L	0.51	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
74-87-3	Chloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
156-59-2	cis-1,2-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
10061-01-5	cis-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
110-82-7	Cyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
124-48-1	Dibromochloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
74-95-3	Dibromomethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
75-09-2	Dichloromethane	ND	U	UG/L	0.65	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
100-41-4	Ethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
87-68-3	Hexachloro-1,3-butadiene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
98-82-8	Isopropylbenzene (Cumene)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
108-38-3/106-42-	m+p-Xylenes	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
78-93-3	**Methyl Ethyl Ketone**	**1.5**	Ja	UG/L	5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
1634-04-4	Methyl tert-Butyl Ether	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
108-87-2	Methylcyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
104-51-8	n-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
95-47-6	o-Xylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
100-42-5	Styrene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
98-06-6	tert-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25E1068-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:00 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethene**	**15**		UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
108-88-3	**Toluene**	**15**		UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
156-60-5	trans-1,2-Dichloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
10061-02-6	trans-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
79-01-6	**Trichloroethene**	**26**		UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
75-69-4	**Trichlorofluoromethane**	**2**		UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
75-01-4	Vinyl chloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS
1330-20-7	Xylenes, total	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:32	05/25/2025 22:32	ALS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: 4-Bromofluorobenzene*	*109 %*	*85-122*
1868-53-7	*Surrogate: Dibromofluoromethane*	*105 %*	*80-116*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*87-121*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25E1068-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:20 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
71-55-6	1,1,1-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
79-00-5	1,1,2-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
76-13-1	**1,1,2-Trichlorotrifluoroethane**	**0.72**		UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
75-34-3	1,1-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
75-35-4	1,1-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
87-61-6	1,2,3-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
96-18-4	1,2,3-Trichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
120-82-1	1,2,4-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
95-63-6	1,2,4-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
106-93-4	1,2-Dibromoethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
95-50-1	1,2-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
107-06-2	1,2-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
78-87-5	1,2-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
108-67-8	1,3,5-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
541-73-1	1,3-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
142-28-9	1,3-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
106-46-7	1,4-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
123-91-1	1,4-Dioxane	ND	U	UG/L	40	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **25E1068-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:20 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	103-65-1	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
135-98-8	135-98-8	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
591-78-6	2-Hexanone	ND	U	UG/L	2	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
99-87-6	4-Isopropyltoluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
108-10-1	4-Methyl-2-pentanone	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
75-65-0	75-65-0	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
79-20-9	79-20-9	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
91-20-3	91-20-3	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
67-64-1	Acetone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
107-02-8	Acrolein	ND	U	UG/L	3.1	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
107-13-1	Acrylonitrile	ND	U	UG/L	2.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
71-43-2	Benzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
74-97-5	Bromochloromethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
75-27-4	Bromodichloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
75-25-2	Bromoform	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
74-83-9	Bromomethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
75-15-0	**Carbon Disulfide**	**0.52**		UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
56-23-5	Carbon Tetrachloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
108-90-7	Chlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
75-00-3	Chloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
67-66-3	**Chloroform**	**0.74**		UG/L	0.51	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **25E1068-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:20 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
156-59-2	cis-1,2-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
10061-01-5	cis-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
110-82-7	Cyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
124-48-1	Dibromochloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
74-95-3	Dibromomethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
75-09-2	Dichloromethane	ND	U	UG/L	0.65	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
100-41-4	Ethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
87-68-3	Hexachloro-1,3-butadiene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
98-82-8	Isopropylbenzene (Cumene)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
108-38-3/106-42-	m+p-Xylenes	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
78-93-3	Methyl Ethyl Ketone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
624-91-9	**Methyl nitrite**	**1.1**	JN	UG/L		1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
1634-04-4	Methyl tert-Butyl Ether	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
108-87-2	Methylcyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
104-51-8	n-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
95-47-6	o-Xylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
100-42-5	Styrene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
98-06-6	tert-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
127-18-4	**Tetrachloroethene**	**0.31**	Ja	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25E1068-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Ground Water	May 15, 2025 2:20 pm	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**3.5**		UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
156-60-5	trans-1,2-Dichloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
10061-02-6	trans-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
79-01-6	**Trichloroethene**	**1.8**		UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
75-69-4	**Trichlorofluoromethane**	**82**		UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
75-01-4	Vinyl chloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS
1330-20-7	Xylenes, total	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 22:54	05/25/2025 22:54	ALS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: 4-Bromofluorobenzene*	*108 %*	*85-122*
1868-53-7	*Surrogate: Dibromofluoromethane*	*102 %*	*80-116*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*87-121*

Sample Information

Client Sample ID: TB-2 **York Sample ID:** 25E1068-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Water	May 15, 2025 12:00 am	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
71-55-6	1,1,1-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
79-00-5	1,1,2-Trichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
75-34-3	1,1-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
75-35-4	1,1-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
87-61-6	1,2,3-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
96-18-4	1,2,3-Trichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
120-82-1	1,2,4-Trichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
95-63-6	1,2,4-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
106-93-4	1,2-Dibromoethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
95-50-1	1,2-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
107-06-2	1,2-Dichloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
78-87-5	1,2-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
108-67-8	1,3,5-Trimethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
541-73-1	1,3-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
142-28-9	1,3-Dichloropropane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
106-46-7	1,4-Dichlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
123-91-1	1,4-Dioxane	ND	U	UG/L	40	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS

Sample Information

Client Sample ID: TB-2 **York Sample ID:** 25E1068-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Water	May 15, 2025 12:00 am	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	103-65-1	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
135-98-8	135-98-8	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
591-78-6	2-Hexanone	ND	U	UG/L	2	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
99-87-6	4-Isopropyltoluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
108-10-1	4-Methyl-2-pentanone	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
75-65-0	75-65-0	ND	U	UG/L	20	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
79-20-9	79-20-9	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
91-20-3	91-20-3	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
67-64-1	Acetone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
107-02-8	Acrolein	ND	U	UG/L	3.1	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
107-13-1	Acrylonitrile	ND	U	UG/L	2.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
71-43-2	Benzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
74-97-5	Bromochloromethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
75-27-4	Bromodichloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
75-25-2	Bromoform	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
74-83-9	Bromomethane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
75-15-0	Carbon Disulfide	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
56-23-5	Carbon Tetrachloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
108-90-7	Chlorobenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
75-00-3	Chloroethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
67-66-3	Chloroform	ND	U	UG/L	0.51	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS

Sample Information

Client Sample ID: TB-2 **York Sample ID:** 25E1068-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Water	May 15, 2025 12:00 am	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
156-59-2	cis-1,2-Dichloroethylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
10061-01-5	cis-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
110-82-7	Cyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
124-48-1	Dibromochloromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
74-95-3	Dibromomethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
75-09-2	Dichloromethane	ND	U	UG/L	0.65	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
100-41-4	Ethylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
87-68-3	Hexachloro-1,3-butadiene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
98-82-8	Isopropylbenzene (Cumene)	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
108-38-3/106-42-	m+p-Xylenes	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
78-93-3	Methyl Ethyl Ketone	ND	U	UG/L	5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
1634-04-4	Methyl tert-Butyl Ether	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
108-87-2	Methylcyclohexane	ND	U	UG/L	1	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
104-51-8	n-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
95-47-6	o-Xylene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
100-42-5	Styrene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
98-06-6	tert-Butylbenzene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
127-18-4	Tetrachloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
108-88-3	Toluene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS

Sample Information

Client Sample ID: TB-2 **York Sample ID:** 25E1068-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1068	32-20 38th Avenue, Queens NY	Water	May 15, 2025 12:00 am	05/15/2025

Analyzed by: ALS_R

8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
10061-02-6	trans-1,3-Dichloropropene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
79-01-6	Trichloroethene	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
75-69-4	Trichlorofluoromethane	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
75-01-4	Vinyl chloride	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS
1330-20-7	Xylenes, total	ND	U	UG/L	0.5	1	8260D Certifications:	05/25/2025 21:00	05/25/2025 21:00	ALS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: 4-Bromofluorobenzene*	*109 %*	*85-122*
1868-53-7	*Surrogate: Dibromofluoromethane*	*107 %*	*80-116*
2037-26-5	*Surrogate: Toluene-d8*	*110 %*	*87-121*

Analytical Batch Summary

Batch ID: 784903A **Preparation Method:** 0.45um Filter **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/17/25
25E1068-02	MW-DUP-1	05/17/25
25E1068-03	MW-7	05/17/25

Batch ID: 785146A **Preparation Method:** SW7470A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/20/25
25E1068-02	MW-DUP-1	05/20/25
25E1068-03	MW-7	05/20/25

Batch ID: 880408 **Preparation Method:** EPA 5030C **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/25/25
25E1068-02	MW-DUP-1	05/25/25
25E1068-03	MW-7	05/25/25
25E1068-04	MW-2	05/25/25
25E1068-06	MW-4	05/25/25
25E1068-07	MW-5	05/25/25
25E1068-08	TB-2	05/25/25
880408-LCS1	LCS	05/25/25
880408-MB1	Blank	05/25/25

Batch ID: BE51243 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/15/25
25E1068-02	MW-DUP-1	05/15/25
25E1068-03	MW-7	05/15/25
BE51243-BLK1	Blank	05/15/25
BE51243-BS1	LCS	05/15/25

Batch ID: BE51310 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/16/25
25E1068-02	MW-DUP-1	05/16/25
25E1068-04	MW-2	05/16/25
25E1068-05	FB-2	05/16/25
BE51310-BLK1	Blank	05/16/25
BE51310-BS1	LCS	05/16/25
BE51310-BS2	LCS	05/16/25

Batch ID: BE51404 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/19/25
25E1068-02	MW-DUP-1	05/19/25
25E1068-03	MW-7	05/19/25
BE51404-BLK1	Blank	05/19/25
BE51404-BS1	LCS	05/19/25

Batch ID: BE51410 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-03	MW-7	05/19/25
BE51410-BLK1	Blank	05/19/25
BE51410-BS1	LCS	05/19/25

Batch ID: BE51441 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/19/25
25E1068-02	MW-DUP-1	05/19/25
BE51441-BLK1	Blank	05/19/25
BE51441-BS1	LCS	05/19/25
BE51441-DUP1	Duplicate	05/19/25
BE51441-MS1	Matrix Spike	05/19/25
BE51441-PS1	Post Spike	05/19/25

Batch ID: BE51462 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/19/25
25E1068-02	MW-DUP-1	05/19/25
25E1068-03	MW-7	05/19/25
BE51462-BLK1	Blank	05/19/25
BE51462-BS1	LCS	05/19/25
BE51462-DUP1	Duplicate	05/19/25
BE51462-MS1	Matrix Spike	05/19/25
BE51462-PS1	Post Spike	05/19/25

Batch ID: BE51463 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/19/25
25E1068-02	MW-DUP-1	05/19/25
25E1068-03	MW-7	05/19/25
BE51463-BLK1	Blank	05/19/25
BE51463-BS1	LCS	05/19/25

Batch ID: BE51509 **Preparation Method:** EPA 3535A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/20/25
25E1068-02	MW-DUP-1	05/20/25
25E1068-03	MW-7	05/20/25
BE51509-BLK1	Blank	05/20/25
BE51509-BS1	LCS	05/20/25

Batch ID: BE51609 **Preparation Method:** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/21/25
25E1068-02	MW-DUP-1	05/21/25
25E1068-03	MW-7	05/21/25
BE51609-BLK1	Blank	05/21/25
BE51609-BS1	LCS	05/21/25

Batch ID: BE51610 **Preparation Method:** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/21/25
25E1068-02	MW-DUP-1	05/21/25
25E1068-03	MW-7	05/21/25
BE51610-BLK2	Blank	05/21/25
BE51610-BS2	LCS	05/21/25

Batch ID: BE51632 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/21/25
25E1068-02	MW-DUP-1	05/21/25
25E1068-03	MW-7	05/21/25
BE51632-BLK1	Blank	05/21/25
BE51632-BS2	LCS	05/21/25

Batch ID: BE51635 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/21/25
25E1068-02	MW-DUP-1	05/21/25
25E1068-03	MW-7	05/21/25
BE51635-BLK1	Blank	05/21/25
BE51635-BS1	LCS	05/21/25

Batch ID: BE51703 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E1068-01	MW-3	05/21/25
25E1068-02	MW-DUP-1	05/21/25
25E1068-03	MW-7	05/21/25

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51609 - EPA 3510C											
Blank (BE51609-BLK1)									Prepared & Analyzed: 05/21/2025		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*17.2*		*"*	*50.0*		*34.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.64*		*"*	*50.0*		*17.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.1*		*"*	*25.0*		*48.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.8*		*"*	*25.0*		*63.0*	*39.9-105*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51609 - EPA 3510C											
Blank (BE51609-BLK1)								Prepared & Analyzed: 05/21/2025			
Surrogate: SURR: 2,4,6-Tribromophenol	*44.6*		*ug/L*	*50.0*		*89.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*22.1*		*"*	*25.0*		*88.5*	*30.7-106*				
LCS (BE51609-BS1)								Prepared & Analyzed: 05/21/2025			
1,1-Biphenyl	17.8	5.00	ug/L	25.0		71.3	33-95				
1,2,4,5-Tetrachlorobenzene	12.7	5.00	"	25.0		50.9	26-120				
2,3,4,6-Tetrachlorophenol	16.9	5.00	"	25.0		67.6	30-130				
2,4,5-Trichlorophenol	19.2	5.00	"	25.0		76.6	32-114				
2,4,6-Trichlorophenol	19.0	5.00	"	25.0		76.2	35-118				
2,4-Dichlorophenol	17.5	5.00	"	25.0		69.8	25-116				
2,4-Dimethylphenol	15.6	5.00	"	25.0		62.5	15-116				
2,4-Dinitrophenol	5.80	5.00	"	25.0		23.2	10-170				
2,4-Dinitrotoluene	23.0	5.00	"	25.0		92.0	41-128				
2,6-Dinitrotoluene	22.0	5.00	"	25.0		88.1	45-116				
2-Chloronaphthalene	17.4	5.00	"	25.0		69.6	33-112				
2-Chlorophenol	16.5	5.00	"	25.0		66.2	15-120				
2-Methylnaphthalene	13.2	5.00	"	25.0		52.9	24-118				
2-Methylphenol	13.3	5.00	"	25.0		53.1	10-110				
2-Nitroaniline	23.7	5.00	"	25.0		94.8	34-129				
2-Nitrophenol	18.2	5.00	"	25.0		72.8	28-118				
3- & 4-Methylphenols	11.1	5.00	"	25.0		44.6	10-107				
3,3-Dichlorobenzidine	10.5	5.00	"	25.0		42.0	15-187				
3-Nitroaniline	17.0	5.00	"	25.0		68.2	24-134				
4,6-Dinitro-2-methylphenol	15.6	5.00	"	25.0		62.3	10-153				
4-Bromophenyl phenyl ether	18.1	5.00	"	25.0		72.3	34-120				
4-Chloro-3-methylphenol	19.3	5.00	"	25.0		77.1	20-120				
4-Chloroaniline	11.1	5.00	"	25.0		44.6	10-147				
4-Chlorophenyl phenyl ether	16.4	5.00	"	25.0		65.4	27-121				
4-Nitroaniline	19.4	5.00	"	25.0		77.4	13-134				
4-Nitrophenol	8.54	5.00	"	25.0		34.2	10-131				
Acetophenone	16.3	5.00	"	25.0		65.1	25-110				
Benzaldehyde	10.2	5.00	"	25.0		40.7	29-117				
Benzyl butyl phthalate	30.2	5.00	"	25.0		121	29-133				
Bis(2-chloroethoxy)methane	15.7	5.00	"	25.0		62.7	10-154				
Bis(2-chloroethyl)ether	14.6	5.00	"	25.0		58.5	17-125				
Bis(2-chloroisopropyl)ether	17.8	5.00	"	25.0		71.0	10-139				
Caprolactam	4.26	5.00	"	25.0		17.0	10-137				
Carbazole	24.6	5.00	"	25.0		98.6	42-126				
Dibenzofuran	18.2	5.00	"	25.0		73.0	36-113				
Diethyl phthalate	22.7	5.00	"	25.0		90.8	38-115				
Dimethyl phthalate	23.6	5.00	"	25.0		94.5	38-129				
Di-n-butyl phthalate	27.8	5.00	"	25.0		111	31-120				
Di-n-octyl phthalate	33.2	5.00	"	25.0		133	21-149				
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Isophorone	15.0	5.00	"	25.0		60.0	25-127				
N-nitroso-di-n-propylamine	13.4	5.00	"	25.0		53.5	26-122				
N-Nitrosodiphenylamine	24.3	5.00	"	25.0		97.1	23-149				
Phenol	5.97	5.00	"	25.0		23.9	10-110				
Pyridine	4.74	5.00	"	35.0		13.5	10-90				
Surrogate: SURR: 2-Fluorophenol	*18.4*		*"*	*50.0*		*36.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.93*		*"*	*50.0*		*19.9*	*10.1-41.7*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51609 - EPA 3510C											
LCS (BE51609-BS1)									Prepared & Analyzed: 05/21/2025		
Surrogate: SURR: Nitrobenzene-d5	*12.6*		*ug/L*	*25.0*		*50.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.7*		*"*	*25.0*		*66.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*47.5*		*"*	*50.0*		*95.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*22.6*		*"*	*25.0*		*90.4*	*30.7-106*				
Batch BE51610 - EPA 3510C											
Blank (BE51610-BLK2)									Prepared: 05/21/2025 Analyzed: 05/22/2025		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51610 - EPA 3510C											
LCS (BE51610-BS2)								Prepared: 05/21/2025 Analyzed: 05/22/2025			
Acenaphthene	0.570	0.0500	ug/L	1.00		57.0	25-116				
Acenaphthylene	0.460	0.0500	"	1.00		46.0	26-116				
Anthracene	0.490	0.0500	"	1.00		49.0	25-123				
Benzo(a)anthracene	0.650	0.0500	"	1.00		65.0	33-125				
Benzo(a)pyrene	0.550	0.0500	"	1.00		55.0	32-132				
Benzo(b)fluoranthene	0.780	0.0500	"	1.00		78.0	22-137				
Benzo(g,h,i)perylene	0.810	0.0500	"	1.00		81.0	10-138				
Benzo(k)fluoranthene	0.770	0.0500	"	1.00		77.0	20-137				
Bis(2-ethylhexyl)phthalate	0.850	0.500	"	1.00		85.0	10-189				
Chrysene	0.710	0.0500	"	1.00		71.0	32-124				
Dibenzo(a,h)anthracene	0.770	0.0500	"	1.00		77.0	16-133				
Fluoranthene	0.690	0.0500	"	1.00		69.0	32-121				
Fluorene	0.610	0.0500	"	1.00		61.0	28-118				
Hexachlorobenzene	0.700	0.0200	"	1.00		70.0	23-124				
Hexachlorobutadiene	0.490	0.500	"	1.00		49.0	15-123				
Hexachloroethane	2.46	0.500	"	1.00		246	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.760	0.0500	"	1.00		76.0	15-135				
Naphthalene	0.580	0.0500	"	1.00		58.0	18-120				
Nitrobenzene	0.390	0.250	"	1.00		39.0	21-121				
N-Nitrosodimethylamine	0.330	0.500	"	1.00		33.0	10-124				
Pentachlorophenol	1.21	0.250	"	1.00		121	10-156				
Phenanthrene	0.640	0.0500	"	1.00		64.0	24-127				
Pyrene	0.650	0.0500	"	1.00		65.0	31-132				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

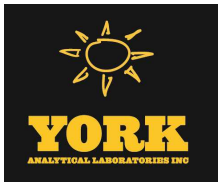
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51509 - EPA 3535A											
Blank (BE51509-BLK1)									Prepared & Analyzed: 05/20/2025		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*5.12*		*"*	*4.00*		*128*	*36.6-118*				
LCS (BE51509-BS1)									Prepared & Analyzed: 05/20/2025		
1,4-Dioxane	3.81	0.300	ug/L	4.00		95.2	50-130				
Surrogate: 1,4-Dioxane-d8	*3.84*		*"*	*4.00*		*96.0*	*36.6-118*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51310 - EPA 1633 Prep											
Blank (BE51310-BLK1)											
Prepared: 05/16/2025 Analyzed: 05/19/2025											
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*30.9*		*"*	*23.3*		*133*	*25-150*				
Surrogate: M5PFHxA	*31.5*		*"*	*25.0*		*126*	*25-150*				
Surrogate: M4PFHpA	*33.9*		*"*	*25.0*		*135*	*25-150*				
Surrogate: M3PFHxS	*32.3*		*"*	*23.7*		*136*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.5*		*"*	*25.0*		*122*	*25-150*				
Surrogate: M6PFDA	*16.0*		*"*	*12.5*		*128*	*25-150*				
Surrogate: M7PFUdA	*15.2*		*"*	*12.5*		*122*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.0*		*"*	*12.5*		*104*	*25-150*				
Surrogate: M2PFTeDA	*9.67*		*"*	*12.5*		*77.3*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51310 - EPA 1633 Prep											
Blank (BE51310-BLK1)								Prepared: 05/16/2025 Analyzed: 05/19/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.9*		*ng/L*	*100*		*10.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.9*		*"*	*24.0*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*38.9*		*"*	*50.0*		*77.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.8*		*"*	*25.0*		*131*	*10-150*				
Surrogate: d3-N-MeFOSAA	*66.4*		*"*	*50.0*		*133*	*25-150*				
Surrogate: d5-N-EtFOSAA	*69.4*		*"*	*50.0*		*139*	*25-150*				
Surrogate: M2-6:2 FTS	*62.2*		*"*	*47.6*		*131*	*25-200*				
Surrogate: M2-8:2 FTS	*61.9*		*"*	*48.0*		*129*	*25-200*				
Surrogate: M9PFNA	*14.5*		*"*	*12.5*		*116*	*25-150*				
Surrogate: M2-4:2 FTS	*56.9*		*"*	*46.9*		*121*	*25-150*				
Surrogate: d-N-MeFOSA	*26.9*		*"*	*25.0*		*107*	*25-150*				
Surrogate: d-N-EtFOSA	*26.4*		*"*	*25.0*		*106*	*25-150*				
Surrogate: M3HFPO-DA	*138*		*"*	*100*		*138*	*25-150*				
Surrogate: d9-N-EtFOSE	*193*		*"*	*250*		*77.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*195*		*"*	*250*		*78.0*	*25-150*				
LCS (BE51310-BS1)								Prepared: 05/16/2025 Analyzed: 05/19/2025			
Perfluorobutanesulfonic acid (PFBS)	36.4	1.77	ng/L	35.4		103	50-150				
Perfluorohexanoic acid (PFHxA)	42.3	2.00	"	40.0		106	50-150				
Perfluoroheptanoic acid (PFHpA)	42.9	2.00	"	40.0		107	50-150				
Perfluorohexanesulfonic acid (PFHxS)	41.0	1.83	"	36.6		112	50-150				
Perfluorooctanoic acid (PFOA)	41.6	2.00	"	40.0		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	43.2	1.86	"	37.2		116	50-150				
Perfluorononanoic acid (PFNA)	44.1	2.00	"	40.0		110	50-150				
Perfluorodecanoic acid (PFDA)	40.5	2.00	"	40.0		101	50-150				
Perfluoroundecanoic acid (PFUnA)	35.4	2.00	"	40.0		88.5	50-150				
Perfluorododecanoic acid (PFDoA)	42.7	2.00	"	40.0		107	50-150				
Perfluorotridecanoic acid (PFTrDA)	46.0	2.00	"	40.0		115	50-150				
Perfluorotetradecanoic acid (PFTA)	42.4	2.00	"	40.0		106	50-150				
N-MeFOSAA	41.6	2.00	"	40.0		104	50-150				
N-EtFOSAA	44.9	2.00	"	40.0		112	50-150				
Perfluoropentanoic acid (PFPeA)	85.5	4.00	"	80.0		107	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	44.2	2.00	"	40.0		110	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	44.1	1.91	"	38.2		115	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	38.7	1.93	"	38.6		100	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	161	7.60	"	152		106	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	163	7.68	"	154		106	50-150				
Perfluoro-n-butanoic acid (PFBA)	93.4	8.00	"	160		58.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	78.1	3.56	"	71.2		110	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	70.7	4.00	"	80.0		88.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	14.8	4.00	"	80.0		18.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	113	4.00	"	80.0		141	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	43.2	1.88	"	37.6		115	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	165	7.50	"	150		110	50-150				
HFPO-DA (Gen-X)	83.1	8.00	"	80.0		104	50-150				
11CL-PF3OUdS	65.5	7.56	"	75.6		86.6	50-150				
9CL-PF3ONS	74.5	7.48	"	74.8		99.6	50-150				
ADONA	77.4	7.56	"	75.6		102	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51310 - EPA 1633 Prep											
LCS (BE51310-BS1)								Prepared: 05/16/2025 Analyzed: 05/19/2025			
Perfluorododecanesulfonic acid (PFDoS)	30.0	1.94	ng/L	38.8		77.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	47.5	1.92	"	38.4		124	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	105	5.00	"	160		65.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	906	25.0	"	800		113	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	870	25.0	"	800		109	50-150				
N-MeFOSE	406	20.0	"	400		102	50-150				
N-MeFOSA	38.9	2.00	"	40.0		97.4	50-150				
N-EtFOSE	382	20.0	"	400		95.5	50-150				
N-EtFOSA	50.1	2.00	"	40.0		125	50-150				
Surrogate: M3PFBS	*33.2*		*"*	*23.3*		*143*	*25-150*				
Surrogate: M5PFHxA	*35.7*		*"*	*25.0*		*143*	*25-150*				
Surrogate: M4PFHpA	*37.5*		*"*	*25.0*		*150*	*25-150*				
Surrogate: M3PFHxS	*32.0*		*"*	*23.7*		*135*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.4*		*"*	*25.0*		*137*	*25-150*				
Surrogate: M6PFDA	*17.2*		*"*	*12.5*		*138*	*25-150*				
Surrogate: M7PFUdA	*17.1*		*"*	*12.5*		*137*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.2*		*"*	*12.5*		*105*	*25-150*				
Surrogate: M2PFTeDA	*10.9*		*"*	*12.5*		*87.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.1*		*"*	*100*		*12.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.9*		*"*	*24.0*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*47.8*		*"*	*50.0*		*95.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*33.3*		*"*	*25.0*		*133*	*10-150*				
Surrogate: d3-N-MeFOSAA	*65.7*		*"*	*50.0*		*131*	*25-150*				
Surrogate: d5-N-EtFOSAA	*65.4*		*"*	*50.0*		*131*	*25-150*				
Surrogate: M2-6:2 FTS	*66.2*		*"*	*47.6*		*139*	*25-200*				
Surrogate: M2-8:2 FTS	*67.0*		*"*	*48.0*		*140*	*25-200*				
Surrogate: M9PFNA	*16.5*		*"*	*12.5*		*132*	*25-150*				
Surrogate: M2-4:2 FTS	*62.8*		*"*	*46.9*		*134*	*25-150*				
Surrogate: d-N-MeFOSA	*27.3*		*"*	*25.0*		*109*	*25-150*				
Surrogate: d-N-EtFOSA	*23.5*		*"*	*25.0*		*93.9*	*25-150*				
Surrogate: M3HFPO-DA	*154*		*"*	*100*		*154*	*25-150*				
Surrogate: d9-N-EtFOSE	*190*		*"*	*250*		*76.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*205*		*"*	*250*		*82.0*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51310 - EPA 1633 Prep											
LCS (BE51310-BS2)								Prepared: 05/16/2025 Analyzed: 05/19/2025			
Perfluorobutanesulfonic acid (PFBS)	3.48	1.77	ng/L	3.54		98.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.94	2.00	"	4.00		98.4	50-150				
Perfluoroheptanoic acid (PFHpA)	3.59	2.00	"	4.00		89.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.59	1.83	"	3.66		98.1	50-150				
Perfluorooctanoic acid (PFOA)	3.55	2.00	"	4.00		88.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.25	1.86	"	3.72		87.4	50-150				
Perfluorononanoic acid (PFNA)	4.13	2.00	"	4.00		103	50-150				
Perfluorodecanoic acid (PFDA)	3.74	2.00	"	4.00		93.6	50-150				
Perfluoroundecanoic acid (PFUnA)	4.50	2.00	"	4.00		113	50-150				
Perfluorododecanoic acid (PFDoA)	4.14	2.00	"	4.00		104	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.13	2.00	"	4.00		103	50-150				
Perfluorotetradecanoic acid (PFTA)	3.91	2.00	"	4.00		97.7	50-150				
N-MeFOSAA	4.06	2.00	"	4.00		102	50-150				
N-EtFOSAA	4.16	2.00	"	4.00		104	50-150				
Perfluoropentanoic acid (PFPeA)	7.71	4.00	"	8.00		96.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.73	2.00	"	4.00		93.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.76	1.91	"	3.82		98.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.40	1.93	"	3.86		88.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.3	7.60	"	15.2		100	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.7	7.68	"	15.4		89.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	8.00	8.00	"	16.0		50.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.03	3.56	"	7.12		98.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.97	4.00	"	8.00		112	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.54	4.00	"	8.00		19.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	10.2	4.00	"	8.00		127	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.39	1.88	"	3.76		90.1	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.0	7.50	"	15.0		100	50-150				
HFPO-DA (Gen-X)	10.0	8.00	"	8.00		125	50-150				
11CL-PF3OUdS	5.86	7.56	"	7.56		77.5	50-150				
9CL-PF3ONS	7.79	7.48	"	7.48		104	50-150				
ADONA	8.00	7.56	"	7.56		106	50-150				
Perfluorododecanesulfonic acid (PFDoS)	1.97	1.94	"	3.88		50.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.15	1.92	"	3.84		82.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.02	5.00	"	16.0		50.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	72.7	25.0	"	80.0		90.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	68.5	25.0	"	80.0		85.7	50-150				
N-MeFOSE	35.2	20.0	"	40.0		87.9	50-150				
N-MeFOSA	5.05	2.00	"	4.00		126	50-150				
N-EtFOSE	35.0	20.0	"	40.0		87.5	50-150				
N-EtFOSA	2.77	2.00	"	4.00		69.2	50-150				
Surrogate: M3PFBS	*28.4*		*"*	*23.3*		*122*	*25-150*				
Surrogate: M5PFHxA	*27.3*		*"*	*25.0*		*109*	*25-150*				
Surrogate: M4PFHpA	*28.2*		*"*	*25.0*		*113*	*25-150*				
Surrogate: M3PFHxS	*30.6*		*"*	*23.7*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.7*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M6PFDA	*14.3*		*"*	*12.5*		*114*	*25-150*				
Surrogate: M7PFUdA	*13.6*		*"*	*12.5*		*109*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.0*		*"*	*12.5*		*95.7*	*25-150*				
Surrogate: M2PFTeDA	*8.63*		*"*	*12.5*		*69.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51310 - EPA 1633 Prep											
LCS (BE51310-BS2)									Prepared: 05/16/2025 Analyzed: 05/19/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.9*		*ng/L*	*100*		*11.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.8*		*"*	*24.0*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*35.3*		*"*	*50.0*		*70.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.2*		*"*	*25.0*		*113*	*10-150*				
Surrogate: d3-N-MeFOSAA	*54.4*		*"*	*50.0*		*109*	*25-150*				
Surrogate: d5-N-EtFOSAA	*55.3*		*"*	*50.0*		*111*	*25-150*				
Surrogate: M2-6:2 FTS	*55.5*		*"*	*47.6*		*117*	*25-200*				
Surrogate: M2-8:2 FTS	*53.1*		*"*	*48.0*		*111*	*25-200*				
Surrogate: M9PFNA	*13.2*		*"*	*12.5*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*55.0*		*"*	*46.9*		*117*	*25-150*				
Surrogate: d-N-MeFOSA	*25.9*		*"*	*25.0*		*104*	*25-150*				
Surrogate: d-N-EtFOSA	*22.3*		*"*	*25.0*		*89.2*	*25-150*				
Surrogate: M3HFPO-DA	*110*		*"*	*100*		*110*	*25-150*				
Surrogate: d9-N-EtFOSE	*148*		*"*	*250*		*59.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*153*		*"*	*250*		*61.2*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51635 - EPA SW846-3510C Low Level											
Blank (BE51635-BLK1)									Prepared: 05/21/2025 Analyzed: 05/22/2025		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0730*		*"*	*0.200*		*36.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0658*		*"*	*0.200*		*32.9*	*30-150*				
LCS (BE51635-BS1)									Prepared: 05/21/2025 Analyzed: 05/22/2025		
4,4'-DDD	0.0586	0.00400	ug/L	0.100		58.6	40-140			20	
4,4'-DDE	0.0545	0.00400	"	0.100		54.5	40-140			20	
4,4'-DDT	0.0640	0.00400	"	0.100		64.0	40-140			20	
Aldrin	0.0414	0.00400	"	0.100		41.4	40-140			20	
alpha-BHC	0.0427	0.00400	"	0.100		42.7	40-140			20	
alpha-Chlordane	0.0496	0.00400	"	0.100		49.6	40-140			20	
beta-BHC	0.0663	0.00400	"	0.100		66.3	40-140			20	
delta-BHC	0.0386	0.00400	"	0.100		38.6	40-140	Low Bias		20	
Dieldrin	0.0534	0.00200	"	0.100		53.4	40-140			20	
Endosulfan I	0.0514	0.00400	"	0.100		51.4	40-140			20	
Endosulfan II	0.0607	0.00400	"	0.100		60.7	40-140			20	
Endosulfan sulfate	0.0620	0.00400	"	0.100		62.0	40-140			20	
Endrin	0.0567	0.00400	"	0.100		56.7	40-140			20	
Endrin aldehyde	0.0646	0.0100	"	0.100		64.6	40-140			20	
Endrin ketone	0.0664	0.0100	"	0.100		66.4	40-140			20	
gamma-BHC (Lindane)	0.0441	0.00400	"	0.100		44.1	40-140			20	
gamma-Chlordane	0.0500	0.0100	"	0.100		50.0	40-140			20	
Heptachlor	0.0436	0.00400	"	0.100		43.6	40-140			20	
Heptachlor epoxide	0.0517	0.00400	"	0.100		51.7	40-140			20	
Methoxychlor	0.0717	0.00400	"	0.100		71.7	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0478*		*"*	*0.200*		*23.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0703*		*"*	*0.200*		*35.1*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51632 - EPA SW846-3510C Low Level											
Blank (BE51632-BLK1)									Prepared: 05/21/2025 Analyzed: 05/22/2025		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0670*		*"*	*0.200*		*33.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0770*		*"*	*0.200*		*38.5*	*30-150*				
LCS (BE51632-BS2)									Prepared: 05/21/2025 Analyzed: 05/22/2025		
Aroclor 1016	0.677	0.0500	ug/L	1.00		67.7	40-120			20	
Aroclor 1260	0.608	0.0500	"	1.00		60.8	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0830*		*"*	*0.200*		*41.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0760*		*"*	*0.200*		*38.0*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51410 - EPA 3015A											
Blank (BE51410-BLK1)											Prepared & Analyzed: 05/19/2025
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	0.0583	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BE51410-BS1)											Prepared & Analyzed: 05/19/2025
Aluminum	1.88		ug/mL	2.00		94.0	80-120				
Barium	1.75		"	2.00		87.4	80-120				
Calcium	1.21		"	1.00		121	80-120	High Bias			
Chromium	0.180		"	0.200		89.8	80-120				
Cobalt	0.453		"	0.500		90.5	80-120				
Copper	0.244		"	0.250		97.6	80-120				
Iron	0.903		"	1.00		90.3	80-120				
Lead	0.470		"	0.500		94.1	80-120				
Magnesium	0.962		"	1.00		96.2	80-120				
Manganese	0.462		"	0.500		92.4	80-120				
Nickel	0.462		"	0.500		92.4	80-120				
Potassium	0.966		"	1.00		96.6	80-120				
Silver	0.0464		"	0.0500		92.8	80-120				
Sodium	1.33		"	1.00		133	80-120	High Bias			
Vanadium	0.451		"	0.500		90.3	80-120				
Zinc	0.452		"	0.500		90.4	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51441 - EPA 3015A											
Blank (BE51441-BLK1)											Prepared: 05/19/2025 Analyzed: 05/20/2025
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BE51441-BS1)											Prepared: 05/19/2025 Analyzed: 05/20/2025
Aluminum	1.84		ug/mL	2.00		92.0	80-120				
Barium	1.92		"	2.00		96.0	80-120				
Calcium	1.42		"	1.00		142	80-120	High Bias			
Chromium	0.186		"	0.200		93.2	80-120				
Cobalt	0.476		"	0.500		95.2	80-120				
Copper	0.240		"	0.250		96.1	80-120				
Iron	0.889		"	1.00		88.9	80-120				
Lead	0.457		"	0.500		91.4	80-120				
Magnesium	0.974		"	1.00		97.4	80-120				
Manganese	0.477		"	0.500		95.4	80-120				
Nickel	0.479		"	0.500		95.7	80-120				
Potassium	1.00		"	1.00		100	80-120				
Silver	0.0455		"	0.0500		91.0	80-120				
Sodium	1.18		"	1.00		118	80-120				
Vanadium	0.462		"	0.500		92.4	80-120				
Zinc	0.482		"	0.500		96.5	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51441 - EPA 3015A											
Duplicate (BE51441-DUP1)	*Source sample: 25E1068-02 (MW-DUP-1)								Prepared: 05/19/2025 Analyzed: 05/20/2025		
Aluminum	33.0	0.500	mg/L		34.1				3.38	20	
Barium	1.03	0.250	"		1.09				5.93	20	
Calcium	215	0.500	"		226				5.01	20	
Chromium	0.106	0.0500	"		0.0940				12.0	20	
Cobalt	0.117	0.0400	"		0.128				8.98	20	
Copper	ND	0.200	"		ND					20	
Iron	31.9	2.50	"		31.0				2.73	20	
Lead	0.0610	0.0500	"		0.0550				10.3	20	
Magnesium	58.5	0.500	"		60.8				3.73	20	
Manganese	7.11	0.0500	"		7.43				4.40	20	
Nickel	0.139	0.100	"		0.135				2.92	20	
Potassium	11.7	0.500	"		12.6				7.15	20	
Silver	ND	0.0500	"		ND					20	
Sodium	294	5.00	"		309				5.12	20	
Vanadium	ND	0.100	"		ND					20	
Zinc	0.312	0.250	"		0.306				1.94	20	
Matrix Spike (BE51441-MS1)	*Source sample: 25E1068-02 (MW-DUP-1)								Prepared: 05/19/2025 Analyzed: 05/20/2025		
Aluminum	56.2	0.500	mg/L	20.0	34.1	111	75-125				
Barium	19.8	0.250	"	20.0	1.09	93.4	75-125				
Calcium	245	0.500	"	10.0	226	189	75-125	High Bias			
Chromium	1.96	0.0500	"	2.00	0.0940	93.2	75-125				
Cobalt	4.76	0.0400	"	5.00	0.128	92.7	75-125				
Copper	2.54	0.200	"	2.50	ND	102	75-125				
Iron	46.9	2.50	"	10.0	31.0	159	75-125	High Bias			
Lead	4.66	0.0500	"	5.00	0.0550	92.1	75-125				
Magnesium	73.3	0.500	"	10.0	60.8	125	75-125				
Manganese	12.4	0.0500	"	5.00	7.43	99.6	75-125				
Nickel	4.86	0.100	"	5.00	0.135	94.5	75-125				
Potassium	22.2	0.500	"	10.0	12.6	96.4	75-125				
Silver	0.459	0.0500	"	0.500	ND	91.8	75-125				
Sodium	324	5.00	"	10.0	309	149	75-125	High Bias			
Vanadium	4.72	0.100	"	5.00	ND	94.3	75-125				
Zinc	5.11	0.250	"	5.00	0.306	96.0	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51441 - EPA 3015A											
Post Spike (BE51441-PS1)	*Source sample: 25E1068-02 (MW-DUP-1)							Prepared: 05/19/2025 Analyzed: 05/20/2025			
Aluminum	5.24		ug/mL	2.00	3.41	91.3	75-125				
Barium	2.01		"	2.00	0.109	95.1	75-125				
Calcium	23.3		"	1.00	22.6	70.1	75-125	Low Bias			
Chromium	0.198		"	0.200	0.00940	94.2	75-125				
Cobalt	0.489		"	0.500	0.0128	95.2	75-125				
Copper	0.258		"	0.250	0.0137	97.5	75-125				
Iron	3.99		"	1.00	3.10	88.6	75-125				
Lead	0.461		"	0.500	0.00550	91.1	75-125				
Magnesium	6.98		"	1.00	6.08	90.3	75-125				
Manganese	1.22		"	0.500	0.743	94.8	75-125				
Nickel	0.494		"	0.500	0.0135	96.1	75-125				
Potassium	2.11		"	1.00	1.26	84.9	75-125				
Silver	0.0438		"	0.0500	-0.000200	87.6	75-125				
Sodium	31.5		"	1.00	30.9	54.0	75-125	Low Bias			
Vanadium	0.481		"	0.500	0.00490	95.2	75-125				
Zinc	0.496		"	0.500	0.0306	93.0	75-125				
Batch BE51462 - EPA 3015A											
Blank (BE51462-BLK1)								Prepared: 05/19/2025 Analyzed: 05/21/2025			
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51462 - EPA 3015A											
LCS (BE51462-BS1)									Prepared: 05/19/2025 Analyzed: 05/21/2025		
Aluminum - Dissolved	1.77		ug/mL	2.00		88.3	80-120				
Barium - Dissolved	1.83		"	2.00		91.4	80-120				
Calcium - Dissolved	1.06		"	1.00		106	80-120				
Chromium - Dissolved	0.180		"	0.200		90.0	80-120				
Cobalt - Dissolved	0.453		"	0.500		90.6	80-120				
Copper - Dissolved	0.234		"	0.250		93.4	80-120				
Iron - Dissolved	0.836		"	1.00		83.6	80-120				
Lead - Dissolved	0.445		"	0.500		89.0	80-120				
Magnesium - Dissolved	0.904		"	1.00		90.4	80-120				
Manganese - Dissolved	0.454		"	0.500		90.7	80-120				
Nickel - Dissolved	0.458		"	0.500		91.5	80-120				
Potassium - Dissolved	0.871		"	1.00		87.1	80-120				
Silver - Dissolved	0.0446		"	0.0500		89.2	80-120				
Sodium - Dissolved	0.974		"	1.00		97.4	80-120				
Vanadium - Dissolved	0.445		"	0.500		89.0	80-120				
Zinc - Dissolved	0.444		"	0.500		88.9	80-120				
Duplicate (BE51462-DUP1)	*Source sample: 25E1068-03 (MW-7)								Prepared: 05/19/2025 Analyzed: 05/21/2025		
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	0.0637	0.0278	"		0.0638				0.174	20	
Calcium - Dissolved	135	0.0556	"		135				0.0717	20	
Chromium - Dissolved	0.0188	0.00556	"		0.0121				43.2	20	Non-dir.
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	ND	0.278	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	47.2	0.0556	"		47.1				0.244	20	
Manganese - Dissolved	0.238	0.00556	"		0.237				0.140	20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	6.53	0.0556	"		6.55				0.299	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	44.0	0.556	"		44.2				0.408	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		0.0609					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51462 - EPA 3015A											
Matrix Spike (BE51462-MS1)	*Source sample: 25E1068-03 (MW-7)							Prepared: 05/19/2025 Analyzed: 05/21/2025			
Aluminum - Dissolved	2.01	0.0556	mg/L	2.22	ND	90.7	75-125				
Barium - Dissolved	2.12	0.0278	"	2.22	0.0638	92.6	75-125				
Calcium - Dissolved	134	0.0556	"	1.11	135	NR	75-125	Low Bias			
Chromium - Dissolved	0.214	0.00556	"	0.222	0.0121	91.0	75-125				
Cobalt - Dissolved	0.493	0.00444	"	0.556	ND	88.7	75-125				
Copper - Dissolved	0.277	0.0222	"	0.278	ND	99.6	75-125				
Iron - Dissolved	1.18	0.278	"	1.11	ND	107	75-125				
Lead - Dissolved	0.485	0.00556	"	0.556	ND	87.3	75-125				
Magnesium - Dissolved	47.7	0.0556	"	1.11	47.1	52.3	75-125	Low Bias			
Manganese - Dissolved	0.739	0.00556	"	0.556	0.237	90.3	75-125				
Nickel - Dissolved	0.497	0.0111	"	0.556	ND	89.5	75-125				
Potassium - Dissolved	7.44	0.0556	"	1.11	6.55	80.1	75-125				
Silver - Dissolved	0.0518	0.00556	"	0.0556	ND	93.2	75-125				
Sodium - Dissolved	44.2	0.556	"	1.11	44.2	3.15	75-125	Low Bias			
Vanadium - Dissolved	0.519	0.0111	"	0.556	ND	93.3	75-125				
Zinc - Dissolved	0.492	0.0278	"	0.556	0.0609	77.5	75-125				
Post Spike (BE51462-PS1)	*Source sample: 25E1068-03 (MW-7)							Prepared: 05/19/2025 Analyzed: 05/21/2025			
Aluminum - Dissolved	1.94		ug/mL	2.00	0.00790	96.5	75-125				
Barium - Dissolved	2.02		"	2.00	0.0574	98.0	75-125				
Calcium - Dissolved	122		"	1.00	122	52.5	75-125	Low Bias			
Chromium - Dissolved	0.204		"	0.200	0.0109	96.6	75-125				
Cobalt - Dissolved	0.472		"	0.500	0.000500	94.4	75-125				
Copper - Dissolved	0.268		"	0.250	0.00580	105	75-125				
Iron - Dissolved	1.13		"	1.00	0.157	97.6	75-125				
Lead - Dissolved	0.455		"	0.500	0.000400	90.9	75-125				
Magnesium - Dissolved	43.4		"	1.00	42.4	106	75-125				
Manganese - Dissolved	0.696		"	0.500	0.214	96.5	75-125				
Nickel - Dissolved	0.475		"	0.500	0.00660	93.7	75-125				
Potassium - Dissolved	6.80		"	1.00	5.89	90.7	75-125				
Silver - Dissolved	0.0462		"	0.0500	-0.000200	92.4	75-125				
Sodium - Dissolved	40.5		"	1.00	39.8	74.7	75-125	Low Bias			
Vanadium - Dissolved	0.496		"	0.500	0.000700	99.0	75-125				
Zinc - Dissolved	0.510		"	0.500	0.0548	90.9	75-125				

Metals by ICP/MS - Quality Control Data

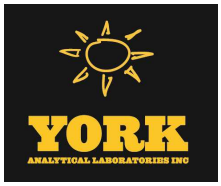
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51404 - EPA 3015A											
Blank (BE51404-BLK1)											Prepared: 05/19/2025 Analyzed: 05/22/2025
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BE51404-BS1)											Prepared: 05/19/2025 Analyzed: 05/22/2025
Antimony	48.3		ug/L	50.0		96.6	80-120				
Arsenic	47.3		"	50.0		94.6	80-120				
Beryllium	48.9		"	50.0		97.8	80-120				
Cadmium	46.9		"	50.0		93.9	80-120				
Selenium	50.9		"	50.0		102	80-120				
Thallium	50.1		"	50.0		100	80-120				
Batch BE51463 - EPA 3015A											
Blank (BE51463-BLK1)											Prepared: 05/19/2025 Analyzed: 05/21/2025
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BE51463-BS1)											Prepared: 05/19/2025 Analyzed: 05/21/2025
Antimony - Dissolved	64.6		ug/L	50.0		129	80-120	High Bias			
Arsenic - Dissolved	47.8		"	50.0		95.7	80-120				
Beryllium - Dissolved	50.6		"	50.0		101	80-120				
Cadmium - Dissolved	59.2		"	50.0		118	80-120				
Selenium - Dissolved	46.0		"	50.0		92.0	80-120				
Thallium - Dissolved	53.3		"	50.0		107	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51243 - Analysis Preparation											
Blank (BE51243-BLK1)									Prepared & Analyzed: 05/15/2025		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BE51243-BS1)									Prepared & Analyzed: 05/15/2025		
Chromium, Hexavalent	0.445	0.0100	mg/L	0.500		89.1	85-115				



8260D - Quality Control Data

ALS_R

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 880408 - EPA 5030C											
LCS (880408-LCS1)							Prepared & Analyzed: 05/25/2025				
1,1,1,2-Tetrachloroethane	19.4	0.5	UG/L	20		97	76-129				
1,1,1-Trichloroethane	20.3	0.5	"	20		102	75-125				
1,1,2,2-Tetrachloroethane	20	0.5	"	20		100	78-126				
1,1,2-Trichloroethane	21.4	0.5	"	20		107	82-121				
1,1,2-Trichlorotrifluoroethane	21.3	0.5	"	20		106	67-124				
1,1-Dichloroethane	21.4	0.5	"	20		107	80-124				
1,1-Dichloroethylene	20.8	0.5	"	20		104	71-118				
1,2,3-Trichlorobenzene	19.8	0.5	"	20		99	67-136				
1,2,3-Trichloropropane	19.8	0.5	"	20		99	75-118				
1,2,4-Trichlorobenzene	20.8	0.5	"	20		104	75-132				
1,2,4-Trimethylbenzene	21.1	0.5	"	20		105	81-126				
1,2-Dibromo-3-chloropropane (DBCP)	16.8	1	"	20		84	55-136				
1,2-Dibromoethane	20.8	0.5	"	20		104	82-127				
1,2-Dichlorobenzene	21	0.5	"	20		105	80-119				
1,2-Dichloroethane	20.8	0.5	"	20		104	71-127				
1,2-Dichloropropane	20	0.5	"	20		100	80-119				
1,3,5-Trimethylbenzene	22.2	0.5	"	20		111	81-128				
1,3-Dichlorobenzene	20.8	0.5	"	20		104	83-121				
1,3-Dichloropropane	21.6	0.5	"	20		108	83-119				
1,4-Dichlorobenzene	21.5	0.5	"	20		108	79-119				
1,4-Dioxane	359	40	"	400		90	44-154				
103-65-1	21.7	0.5	"	20		108	78-131				
135-98-8	21.9	0.5	"	20		110	75-129				
2-Hexanone	23	2	"	20		115	63-124				
4-Isopropyltoluene	22.2	0.5	"	20		111	78-133				
4-Methyl-2-pentanone	24	20	"	20		120	66-124				
75-65-0	386	20	"	400		96	49-141				
79-20-9	20	1	"	20		100	44-93	High Bias			
91-20-3	20.1	1	"	20		101	59-140				
Acetone	17.6	5	"	20		88	40-161				
Acrolein	199	3.1	"	40		497	13-165	High Bias			
Acrylonitrile	108	2.5	"	100		108	71-130				
Benzene	21.3	0.5	"	20		106	79-119				
Bromochloromethane	21.2	1	"	20		106	81-126				
Bromodichloromethane	19.6	0.5	"	20		98	81-123				
Bromoform	18.3	1	"	20		91	65-146				
Bromomethane	25.1	1	"	20		125	42-166				
Carbon Disulfide	25.6	0.5	"	20		128	66-128				
Carbon Tetrachloride	19.3	0.5	"	20		97	70-127				
Chlorobenzene	21	0.5	"	20		105	80-121				
Chloroethane	22.9	0.5	"	20		114	62-131				
Chloroform	20.8	0.51	"	20		104	79-120				
Chloromethane	28.2	0.5	"	20		141	61-143				
cis-1,2-Dichloroethylene	20.3	0.5	"	20		101	80-121				
cis-1,3-Dichloropropene	20.7	0.5	"	20		104	77-122				
Cyclohexane	22.3	1	"	20		112	69-120				
Dibromochloromethane	19.6	0.5	"	20		98	72-128				
Dibromomethane	19.6	0.5	"	20		98	80-118				
Dichlorodifluoromethane (CFC 12)	25.1	0.5	"	20		125	59-155				
Dichloromethane	22.1	0.65	"	20		111	73-122				
Ethylbenzene	21.1	0.5	"	20		106	76-120				

8260D - Quality Control Data

ALS_R

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 880408 - EPA 5030C											
LCS (880408-LCS1)							Prepared & Analyzed: 05/25/2025				
Hexachloro-1,3-butadiene	21.6	0.5	UG/L	20		108	54-172				
Isopropylbenzene (Cumene)	22	0.5	"	20		110	77-128				
m+p-Xylenes	43.7	1	"	40		109	80-126				
Methyl Ethyl Ketone	22.7	5	"	20		114	61-137				
Methyl tert-Butyl Ether	20.6	0.5	"	20		103	75-118				
Methylcyclohexane	20.9	1	"	20		105	51-129				
n-Butylbenzene	21.9	0.5	"	20		109	78-133				
o-Xylene	21.1	0.5	"	20		106	79-123				
Styrene	21.7	0.5	"	20		109	80-124				
tert-Butylbenzene	21.1	0.5	"	20		106	76-126				
Tetrachloroethene	20.6	0.5	"	20		103	72-125				
Toluene	22	0.5	"	20		110	79-119				
trans-1,2-Dichloroethene	21.1	0.5	"	20		105	73-118				
trans-1,3-Dichloropropene	21	0.5	"	20		105	71-133				
Trichloroethene	20.4	0.5	"	20		102	74-122				
Trichlorofluoromethane	21.7	0.5	"	20		108	71-136				
Vinyl chloride	22.5	0.5	"	20		113	74-159				
Xylenes, total	64.8	0.5	"	60		108	78-121				
Surrogate: 4-Bromofluorobenzene	*53.908*		*"*	*50*		*108*	*85-122*				
Surrogate: Dibromofluoromethane	*52.444*		*"*	*50*		*105*	*80-116*				
Surrogate: Toluene-d8	*52.42*		*"*	*50*		*105*	*87-121*				
Blank (880408-MB1)							Prepared & Analyzed: 05/25/2025				
1,1,1,2-Tetrachloroethane	ND	0.5	UG/L				-				
1,1,1-Trichloroethane	ND	0.5	"				-				
1,1,2,2-Tetrachloroethane	ND	0.5	"				-				
1,1,2-Trichloroethane	ND	0.5	"				-				
1,1,2-Trichlorotrifluoroethane	ND	0.5	"				-				
1,1-Dichloroethane	ND	0.5	"				-				
1,1-Dichloroethylene	ND	0.5	"				-				
1,2,3-Trichlorobenzene	ND	0.5	"				-				
1,2,3-Trichloropropane	ND	0.5	"				-				
1,2,4-Trichlorobenzene	ND	0.5	"				-				
1,2,4-Trimethylbenzene	ND	0.5	"				-				
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	"				-				
1,2-Dibromoethane	ND	0.5	"				-				
1,2-Dichlorobenzene	ND	0.5	"				-				
1,2-Dichloroethane	ND	0.5	"				-				
1,2-Dichloropropane	ND	0.5	"				-				
1,3,5-Trimethylbenzene	ND	0.5	"				-				
1,3-Dichlorobenzene	ND	0.5	"				-				
1,3-Dichloropropane	ND	0.5	"				-				
1,4-Dichlorobenzene	ND	0.5	"				-				
1,4-Dioxane	ND	40	"				-				
103-65-1	ND	0.5	"				-				
135-98-8	ND	0.5	"				-				
2-Hexanone	ND	2	"				-				
4-Isopropyltoluene	ND	0.5	"				-				
4-Methyl-2-pentanone	ND	20	"				-				
75-65-0	ND	20	"				-				
79-20-9	ND	1	"				-				

8260D - Quality Control Data

ALS_R

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 880408 - EPA 5030C											
Blank (880408-MB1)							Prepared & Analyzed: 05/25/2025				
91-20-3	ND	1	UG/L				-				
Acetone	ND	5	"				-				
Acrolein	ND	3.1	"				-				
Acrylonitrile	ND	2.5	"				-				
Benzene	ND	0.5	"				-				
Bromochloromethane	ND	1	"				-				
Bromodichloromethane	ND	0.5	"				-				
Bromoform	ND	1	"				-				
Bromomethane	ND	1	"				-				
Carbon Disulfide	ND	0.5	"				-				
Carbon Tetrachloride	ND	0.5	"				-				
Chlorobenzene	ND	0.5	"				-				
Chloroethane	ND	0.5	"				-				
Chloroform	ND	0.51	"				-				
Chloromethane	ND	0.5	"				-				
cis-1,2-Dichloroethylene	ND	0.5	"				-				
cis-1,3-Dichloropropene	ND	0.5	"				-				
Cyclohexane	ND	1	"				-				
Dibromochloromethane	ND	0.5	"				-				
Dibromomethane	ND	0.5	"				-				
Dichlorodifluoromethane (CFC 12)	ND	0.5	"				-				
Dichloromethane	ND	0.65	"				-				
Ethylbenzene	ND	0.5	"				-				
Hexachloro-1,3-butadiene	ND	0.5	"				-				
Isopropylbenzene (Cumene)	ND	0.5	"				-				
m+p-Xylenes	ND	1	"				-				
Methyl Ethyl Ketone	ND	5	"				-				
Methyl tert-Butyl Ether	ND	0.5	"				-				
Methylcyclohexane	ND	1	"				-				
n-Butylbenzene	ND	0.5	"				-				
o-Xylene	ND	0.5	"				-				
Styrene	ND	0.5	"				-				
tert-Butylbenzene	ND	0.5	"				-				
Tetrachloroethene	ND	0.5	"				-				
Toluene	ND	0.5	"				-				
trans-1,2-Dichloroethene	ND	0.5	"				-				
trans-1,3-Dichloropropene	ND	0.5	"				-				
Trichloroethene	ND	0.5	"				-				
Trichlorofluoromethane	ND	0.5	"				-				
Vinyl chloride	ND	0.5	"				-				
Xylenes, total	ND	0.5	"				-				
Surrogate: 4-Bromofluorobenzene	*50.142*		*"*	*50*		*100*	*85-122*				
Surrogate: Dibromofluoromethane	*47.77*		*"*	*50*		*96*	*80-116*				
Surrogate: Toluene-d8	*48.709*		*"*	*50*		*97*	*87-121*				

Sample and Data Qualifiers Relating to This Work Order

U	The compound was analyzed for, but was not detected (Non-detect) at or above the MRL/MDL.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-08	The recovery of this surrogate was outside of QC limits.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
JN	J,N
Ja	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
*	The duplicate analysis not within control limits.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to update subcontract results from see attached to numerical values.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25F1068

Page 1 of 1

Report To:	Invoice To:
Company: Veletor	Company:
Address: 32 W 37th St, 8th Flr NY, NY, 10018	Address:
Phone.: 347-871-0750	Phone.:
Contact: Engr. Karapel	Contact:
E-mail: Engr@veletor DMen@veletor	E-mail: AP@veletor

YOUR Project Name / Number: 32-20 38th Avenue, Queens, NY

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) — Dan Den

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	SVOCs	Pesticides	PCBs	Total Metals	PFAS	1,4 Dioxane	Hex. chr. w/ soluble Chromium	Grab or Comp.
MW-3	5/15/25	1200	GW	9	3		1							X	X	X	X	X	X	X	X	G
MW-DUP1		1220	GW	9	3		1							X	X	X	X	X	X	X	X	G
MW-7		0900	GW	7	3		1							X	X	X	X	X	X	X	X	G
MW-2			GW	2	3									X	X	X	X	X	X	X	X	G
FB-2		0930	FB	2										X					X			G
MW-4		1400	GW		3									X								G
MW-5		1420	GW		3									X								G
TB-2	LAB	LAB	TB		2									X								G

Turn-Around Time: RUSH - Next Day [X]; RUSH - Two Day [ ]; RUSH - Three Day [ ]; RUSH - Four Day [ ]; RUSH - Five Day [ ]; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day [ ]

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered [ ] Lab Filtered [X]

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Veletor	5/15/25 1430	Tru Atlas / York	5/15/25 1430	Tru Atlas / York	5/15/25 17:45
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
2	5/15/25 17:45 5.9	2	5/15/25 1800		5/15/25 1800
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	5/15/25				5/15/25 2053 21 Degrees C

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 06/12/2025
Client Project ID: 32-30 38th Avenue, Queens New York
York Project (SDG) No.: 25F0238

Report Date: 06/12/2025
Client Project ID: 32-30 38th Avenue, Queens New York
York Project (SDG) No.: 25F0238

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 04, 2025 and listed below. The project was identified as your project: **32-30 38th Avenue, Queens New York**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25F0238-01	MW-1D	Ground Water	06/04/2025	06/04/2025
25F0238-02	MW-2	Ground Water	06/04/2025	06/04/2025
25F0238-03	MW-4	Ground Water	06/04/2025	06/04/2025
25F0238-04	FB-4	Water	06/04/2025	06/04/2025
25F0238-05	TB-4	Water	06/04/2025	06/04/2025
25F0238-06	MW-5	Ground Water	06/04/2025	06/04/2025

General Notes for York Project (SDG) No.: 25F0238

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 06/12/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-1D** **York Sample ID:** **25F0238-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: MW-1D

York Sample ID: 25F0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
67-66-3	**Chloroform**	**5.34**		ug/L	0.243	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-1D

York Sample ID: 25F0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
75-71-8	Dichlorodifluoromethane	ND	QL-02	ug/L	0.451	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: MW-1D

York Sample ID: 25F0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.2 %*	*79-122*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-1D

York Sample ID: 25F0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-57-8	2-Chlorophenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-48-7	2-Methylphenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-94-1	3,3-Dichlorobenzidine	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-1D

York Sample ID: 25F0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-30-6	N-Nitrosodiphenylamine	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.4 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.9 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.7 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.2 %*	*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **MW-1D** **York Sample ID:** **25F0238-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	CCVE	ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 21:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: **MW-1D** **York Sample ID:** **25F0238-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	06/05/2025 10:33	06/05/2025 19:44	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*36.6-118*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**7.20**		ng/L	0.485	1.83	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**29.2**		ng/L	0.361	2.07	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**17.1**		ng/L	0.733	2.07	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**20.6**		ng/L	0.702	1.89	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**74.6**		ng/L	0.434	2.07	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.847	1.92	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.613**	J	ng/L	0.537	2.07	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.775	2.07	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.17	2.07	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.909	2.07	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.764	2.07	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.713	2.07	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.816	2.07	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	1.06	2.07	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**33.3**		ng/L	0.238	4.13	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.909	2.07	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 17:31	AM
								Certifications: NJDEP-NY037			

Sample Information

Client Sample ID: **MW-1D** **York Sample ID:** **25F0238-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.940	1.97	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 17:31	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.36	1.99	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 17:31	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.75	7.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 17:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.12	7.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 17:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.341	8.26	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 17:31	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.516	3.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 17:31	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.21	4.13	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 17:31	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.258	4.13	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 17:31	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.382	4.13	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 17:31	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.785	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 17:31	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.85	7.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 17:31	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.34	8.26	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 17:31	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.43	7.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 17:31	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.723	7.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 17:31	AM
919005-14-4	ADONA	ND		ng/L	0.547	7.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 17:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.961	2.00	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 17:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.888	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 17:31	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.10	5.16	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 17:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.57	25.8	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 17:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.78	25.8	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 17:31	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.12	20.7	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 17:31	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.63	2.07	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 17:31	AM

Sample Information

Client Sample ID: MW-1D

York Sample ID: 25F0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ng/L	4.12	20.7	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 17:31	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.86	2.07	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 17:31	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*123 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*116 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*130 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*130 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*94.9 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*71.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*58.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*5.96 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*110 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*32.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*108 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*103 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*136 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*113 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*113 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*150 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*68.2 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*38.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*117 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*44.3 %*		*25-150*
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*53.5 %*		*25-150*

Sample Information

Client Sample ID: **MW-1D** **York Sample ID:** **25F0238-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-55-9	4,4'-DDE	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-29-3	4,4'-DDT	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
309-00-2	Aldrin	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-84-6	alpha-BHC	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-85-7	beta-BHC	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-86-8	delta-BHC	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
60-57-1	Dieldrin	ND		ug/L	0.00267	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
959-98-8	Endosulfan I	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
33213-65-9	Endosulfan II	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-20-8	Endrin	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0133	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53494-70-5	Endrin ketone	ND		ug/L	0.0133	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0133	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
76-44-8	Heptachlor	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-43-5	Methoxychlor	ND		ug/L	0.00533	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
8001-35-2	Toxaphene	ND		ug/L	0.133	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-1D

York Sample ID: 25F0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.267	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0133	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:32	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0667	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		ug/L	0.0667	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		ug/L	0.0667	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		ug/L	0.0667	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		ug/L	0.0667	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	Aroclor 1254	ND		ug/L	0.0667	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		ug/L	0.0667	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		ug/L	0.0667	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:21	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1.49**		mg/L	0.0556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-39-3	**Barium**	**0.227**		mg/L	0.0278	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-1D

York Sample ID: 25F0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**165**	M-BS	mg/L	0.0556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**0.0111**		mg/L	0.00444	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-50-8	**Copper**	**0.0234**		mg/L	0.0222	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-89-6	**Iron**	**3.02**		mg/L	0.278	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-92-1	**Lead**	**0.00611**		mg/L	0.00556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-95-4	**Magnesium**	**74.7**		mg/L	0.0556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-96-5	**Manganese**	**0.676**		mg/L	0.00556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-02-0	**Nickel**	**0.0120**		mg/L	0.0111	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-09-7	**Potassium**	**8.45**		mg/L	0.0556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**104**		mg/L	0.556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**0.0426**		mg/L	0.0278	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-39-3	**Barium**	**0.158**		mg/L	0.0278	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	**Calcium**	**107**	M-BS	mg/L	0.0556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-47-3	**Chromium**	**0.0107**		mg/L	0.00556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-1D

York Sample ID: 25F0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-95-4	**Magnesium**	**52.1**		mg/L	0.0556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-96-5	**Manganese**	**0.108**		mg/L	0.00556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-09-7	**Potassium**	**8.33**		mg/L	0.0556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**108**		mg/L	0.556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**0.0422**		mg/L	0.0278	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	**Arsenic**	**1.17**		ug/L	1.11	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7782-49-2	**Selenium**	**1.83**		ug/L	1.11	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-1D **York Sample ID:** 25F0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 10:35 am	06/04/2025

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	1	EPA 6020B	06/09/2025 08:17	06/09/2025 18:53	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	Arsenic	ND		ug/L	2.22	1	EPA 6020B	06/09/2025 08:17	06/09/2025 18:53	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-41-7	Beryllium	ND		ug/L	0.667	1	EPA 6020B	06/09/2025 08:17	06/09/2025 18:53	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020B	06/09/2025 08:17	06/09/2025 18:53	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7782-49-2	Selenium	ND		ug/L	2.22	1	EPA 6020B	06/09/2025 08:17	06/09/2025 18:53	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-28-0	Thallium	ND		ug/L	2.22	1	EPA 6020B	06/09/2025 08:17	06/09/2025 18:53	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	06/04/2025 19:12	06/04/2025 22:46	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	06/10/2025 14:52	06/10/2025 17:45	SL
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc.

SW7470A Dissolved Mercury

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury (Dissolved)	ND		mg/L	0.0002	0.0002	1	SW7470A	06/12/2025 00:00	06/12/2025 13:46	CT007
								Certifications:			

SW7470A

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00015	0.0002	1	SW7470A	06/11/2025 00:00	06/12/2025 08:08	CT007
								Certifications:			

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **25F0238-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 9:15 am	06/04/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-57-8	2-Chlorophenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-48-7	2-Methylphenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-94-1	3,3-Dichlorobenzidine	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **25F0238-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 9:15 am	06/04/2025

Semi-Volatiles, 8270 - Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-30-6	N-Nitrosodiphenylamine	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25F0238-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 9:15 am	06/04/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/11/2025 12:38	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.4 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.6 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.6 %*	*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25F0238-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 9:15 am	06/04/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	CCVE	ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/10/2025 22:24	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	06/05/2025 10:33	06/05/2025 19:59	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*36.6-118*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25F0238-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 9:15 am	06/04/2025

Pesticides, 8081 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00250	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0125	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.125	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.250	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0125	1	EPA 8081B	06/06/2025 08:37	06/06/2025 15:48	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25F0238-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 9:15 am	06/04/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.3 %*		*30-150*						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.7 %*		*30-150*						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:35	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*47.0 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.333**		mg/L	0.0556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-39-3	**Barium**	**0.0722**		mg/L	0.0278	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	**Calcium**	**107**	M-BS	mg/L	0.0556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-47-3	**Chromium**	**0.0692**		mg/L	0.00556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25F0238-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 9:15 am	06/04/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-89-6	**Iron**	**0.535**		mg/L	0.278	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-95-4	**Magnesium**	**14.3**		mg/L	0.0556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-96-5	**Manganese**	**0.0316**		mg/L	0.00556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-09-7	**Potassium**	**2.71**		mg/L	0.0556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**156**		mg/L	0.556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**0.0360**		mg/L	0.0278	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-39-3	**Barium**	**0.0646**		mg/L	0.0278	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	**Calcium**	**123**	M-BS	mg/L	0.0556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-47-3	**Chromium**	**0.0631**		mg/L	0.00556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **25F0238-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 9:15 am	06/04/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**15.8**		mg/L	0.0556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-09-7	**Potassium**	**2.88**		mg/L	0.0556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**141**		mg/L	0.556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7782-49-2	**Selenium**	**9.83**		ug/L	1.11	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	06/09/2025 08:17	06/09/2025 18:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	06/09/2025 08:17	06/09/2025 18:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **25F0238-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 9:15 am	06/04/2025

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	06/09/2025 08:17	06/09/2025 18:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	06/09/2025 08:17	06/09/2025 18:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7782-49-2	**Selenium**	**8.77**		ug/L	1.11	1	EPA 6020B	06/09/2025 08:17	06/09/2025 18:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	06/09/2025 08:17	06/09/2025 18:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01R	mg/L	0.0500	5	EPA 7196A	06/10/2025 16:40	06/10/2025 16:40	SML
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.0692**		mg/L	0.0100	1	Calculation	06/10/2025 14:52	06/10/2025 17:45	SL
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc.

SW7470A Dissolved Mercury

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury (Dissolved)	ND		mg/L	0.0002	0.0002	1	SW7470A	06/12/2025 00:00	06/12/2025 13:48	CT007
								Certifications:			

SW7470A

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00015	0.0002	1	SW7470A	06/11/2025 00:00	06/12/2025 08:10	CT007
								Certifications:			

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25F0238-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 11:25 am	06/04/2025

Semi-Volatiles, 8270 - Low Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-57-8	2-Chlorophenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-48-7	2-Methylphenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
65794-96-9	3- & 4-Methylphenols	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25F0238-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 11:25 am	06/04/2025

Semi-Volatiles, 8270 - Low Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-47-8	4-Chloroaniline	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-30-6	N-Nitrosodiphenylamine	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25F0238-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 11:25 am	06/04/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/10/2025 08:33	06/12/2025 15:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.4 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.6 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.6 %*	*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
208-96-8	**Acenaphthylene**	**0.288**		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25F0238-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 11:25 am	06/04/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.0789**		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/10/2025 08:32	06/11/2025 10:13	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	06/05/2025 10:33	06/05/2025 20:14	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*76.0 %*	*36.6-118*

Q_P PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.979	3.69	2	EPA 1633 Draft 3	06/08/2025 10:29	06/10/2025 11:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**33.3**		ng/L	0.729	4.16	2	EPA 1633 Draft 3	06/08/2025 10:29	06/10/2025 11:48	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **25F0238-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 11:25 am	06/04/2025

Q_P PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**12.2**		ng/L	1.48	4.16	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**4.18**		ng/L	1.42	3.81	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**77.3**		ng/L	0.875	4.16	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**10.7**		ng/L	1.71	3.87	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**23.2**		ng/L	1.08	4.16	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**8.14**		ng/L	1.56	4.16	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**3.13**	J	ng/L	2.35	4.16	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.83	4.16	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.54	4.16	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.44	4.16	2	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
2355-31-9	N-MeFOSAA	ND		ng/L	1.65	4.16	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
2991-50-6	**N-EtFOSAA**	**2.71**	J	ng/L	2.14	4.16	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**38.4**		ng/L	0.479	8.33	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.83	4.16	2	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.90	3.98	2	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.75	4.02	2	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**16.4**		ng/L	15.6	15.8	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	4.27	16.0	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.687	16.7	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	1.04	7.41	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/10/2025 11:48	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	4.46	8.33	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/10/2025 11:48	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.521	8.33	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/10/2025 11:48	AM

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **25F0238-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 11:25 am	06/04/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.771	8.33	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/10/2025 11:48	AM
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.94**	J	ng/L	1.58	3.92	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	3.73	15.6	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	6.73	16.7	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.87	15.7	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	1.46	15.6	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
919005-14-4	ADONA	ND		ng/L	1.10	15.7	2	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.94	4.04	2	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/10/2025 11:48	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.79	4.00	2	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/10/2025 11:48	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.23	10.4	2	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/10/2025 11:48	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	15.3	52.1	2	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/10/2025 11:48	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	19.7	52.1	2	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/10/2025 11:48	AM
24448-09-7	* N-MeFOSE	ND		ng/L	8.31	41.6	2	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/10/2025 11:48	AM
31506-32-8	* N-MeFOSA	ND		ng/L	3.29	4.16	2	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/10/2025 11:48	AM
1691-99-2	* N-EtFOSE	ND		ng/L	8.31	41.6	2	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/10/2025 11:48	AM
4151-50-2	* N-EtFOSA	ND		ng/L	3.75	4.16	2	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/10/2025 11:48	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*78.2 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*54.8 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*108 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*61.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*94.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*5.38 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **25F0238-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 11:25 am	06/04/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*121 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*17.2 %*	PFSu-L		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*94.9 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*124 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*336 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*313 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*72.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*40.9 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*73.1 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*71.2 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-55-9	4,4'-DDE	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-29-3	4,4'-DDT	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
309-00-2	Aldrin	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-84-6	alpha-BHC	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-85-7	beta-BHC	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-86-8	delta-BHC	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
60-57-1	Dieldrin	ND		ug/L	0.00250	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
959-98-8	Endosulfan I	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
33213-65-9	Endosulfan II	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25F0238-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 11:25 am	06/04/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-20-8	Endrin	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53494-70-5	Endrin ketone	ND		ug/L	0.0125	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
76-44-8	Heptachlor	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-43-5	Methoxychlor	ND		ug/L	0.00500	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
8001-35-2	Toxaphene	ND		ug/L	0.125	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
57-74-9	* Chlordane, total	ND		ug/L	0.250	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0125	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:03	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25F0238-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 11:25 am	06/04/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		ug/L	0.0625	1	EPA 8082A	06/06/2025 08:34	06/06/2025 15:48	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.466**		mg/L	0.0556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-39-3	**Barium**	**0.0657**		mg/L	0.0278	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	**Calcium**	**117**	M-BS	mg/L	0.0556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**0.0113**		mg/L	0.00444	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-89-6	**Iron**	**1.18**		mg/L	0.278	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-95-4	**Magnesium**	**30.4**		mg/L	0.0556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-96-5	**Manganese**	**1.40**		mg/L	0.00556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-02-0	**Nickel**	**0.0188**		mg/L	0.0111	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-09-7	**Potassium**	**10.6**		mg/L	0.0556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**29.3**		mg/L	0.556	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25F0238-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 11:25 am	06/04/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**0.0764**		mg/L	0.0278	1	EPA 6010D	06/06/2025 08:54	06/09/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-39-3	**Barium**	**0.0344**		mg/L	0.0278	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	**Calcium**	**101**	M-BS	mg/L	0.0556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**0.00933**		mg/L	0.00444	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-95-4	**Magnesium**	**20.7**		mg/L	0.0556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-96-5	**Manganese**	**0.290**		mg/L	0.00556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-02-0	**Nickel**	**0.0146**		mg/L	0.0111	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-09-7	**Potassium**	**10.7**		mg/L	0.0556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**33.9**		mg/L	0.556	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**0.0292**		mg/L	0.0278	1	EPA 6010D	06/05/2025 15:46	06/06/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **25F0238-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 11:25 am	06/04/2025

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	**Arsenic**	**1.33**		ug/L	1.11	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7782-49-2	**Selenium**	**2.28**		ug/L	1.11	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	06/06/2025 09:07	06/10/2025 13:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	06/09/2025 08:17	06/09/2025 19:00	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	**Arsenic**	**1.21**		ug/L	1.11	1	EPA 6020B	06/09/2025 08:17	06/09/2025 19:00	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	06/09/2025 08:17	06/09/2025 19:00	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	06/09/2025 08:17	06/09/2025 19:00	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7782-49-2	**Selenium**	**2.06**		ug/L	1.11	1	EPA 6020B	06/09/2025 08:17	06/09/2025 19:00	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	06/09/2025 08:17	06/09/2025 19:00	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	06/04/2025 19:12	06/04/2025 22:46	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	06/10/2025 14:52	06/10/2025 17:45	SL
							Certifications:			

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **25F0238-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 11:25 am	06/04/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW7470A Dissolved Mercury

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury (Dissolved)	ND		mg/L	0.0002	0.0002	1	SW7470A Certifications:	06/12/2025 00:00	06/12/2025 13:51	CT007

SW7470A

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00015	0.0002	1	SW7470A Certifications:	06/11/2025 00:00	06/12/2025 08:13	CT007

Sample Information

Client Sample ID: **FB-4** **York Sample ID:** **25F0238-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Water	June 4, 2025 11:00 am	06/04/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.458	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.341	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.691	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.662	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.409	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.798	1.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.506	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.730	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.857	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.721	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.672	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.769	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.00	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.224	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.857	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.886	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.29	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.30	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	7.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.321	7.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM

Sample Information

Client Sample ID: **FB-4** **York Sample ID:** **25F0238-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Water	June 4, 2025 11:00 am	06/04/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.487	3.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 18:37	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.08	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 18:37	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.243	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 18:37	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.360	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 18:37	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.740	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.74	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.15	7.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.34	7.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.682	7.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
919005-14-4	ADONA	ND		ng/L	0.516	7.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.906	1.89	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:37	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.837	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:37	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.98	4.87	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:37	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.14	24.3	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:37	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.22	24.3	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:37	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.89	19.5	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:37	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.54	1.95	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:37	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.89	19.5	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:37	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.75	1.95	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:37	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*77.6 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*79.5 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*130 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*	*25-150*

Sample Information

Client Sample ID: FB-4 **York Sample ID:** 25F0238-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Water	June 4, 2025 11:00 am	06/04/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*110 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*110 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*103 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*86.9 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.4 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*1.86 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*118 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*7.85 %*	PFSu-L		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*115 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*128 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*135 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*137 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*131 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*106 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*107 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*90.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*72.1 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*53.9 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*61.8 %*			*25-150*						

Sample Information

Client Sample ID: TB-4 **York Sample ID:** 25F0238-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Water	June 4, 2025 3:30 pm	06/04/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: TB-4 **York Sample ID:** 25F0238-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Water	June 4, 2025 3:30 pm	06/04/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: TB-4 **York Sample ID:** 25F0238-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Water	June 4, 2025 3:30 pm	06/04/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	QL-02	ug/L	0.451	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: TB-4 **York Sample ID:** 25F0238-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Water	June 4, 2025 3:30 pm	06/04/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/06/2025 08:20	06/06/2025 14:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.9 %*	*79-122*

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **25F0238-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 3:00 pm	06/04/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**4.33**		ng/L	0.571	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**29.0**		ng/L	0.425	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**25.7**		ng/L	0.862	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**2.08**	J	ng/L	0.825	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**31.1**		ng/L	0.510	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**7.56**		ng/L	0.995	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.38**	J	ng/L	0.631	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.910	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.37	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.07	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.898	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.838	2.43	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.959	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.25	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**20.1**		ng/L	0.279	4.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.07	2.43	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.10	2.32	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.60	2.34	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	9.10	9.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.49	9.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.401	9.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **25F0238-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 3:00 pm	06/04/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.607	4.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 18:53	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.60	4.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 18:53	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.303	4.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 18:53	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.449	4.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 18:53	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.923	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.17	9.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.92	9.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.68	9.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.850	9.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
919005-14-4	ADONA	ND		ng/L	0.643	9.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.13	2.35	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:53	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.04	2.33	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 18:53	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.46	6.07	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:53	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	8.90	30.3	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:53	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	11.5	30.3	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:53	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.84	24.3	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:53	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.92	2.43	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:53	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.84	24.3	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:53	AM
4151-50-2	* N-EtFOSA	ND		ng/L	2.18	2.43	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 18:53	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*142 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*123 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*146 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*	*25-150*

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **25F0238-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0238	32-30 38th Avenue, Queens New York	Ground Water	June 4, 2025 3:00 pm	06/04/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*123 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*99.6 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*90.4 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecano*	*71.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.2 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acia*	*5.48 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfoni*	*115 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic aci*	*58.8 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*110 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*123 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*126 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*169 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*135 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*245 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*37.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*122 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*61.5 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*61.3 %*			*25-150*						

Analytical Batch Summary

Batch ID: 788400A **Preparation Method** SW7470A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/11/25
25F0238-02	MW-2	06/11/25
25F0238-03	MW-4	06/11/25
CT44087-BLK	BLK	06/11/25
CT44087-DUP	DUP	06/11/25
CT44087-LCS	LCS	06/11/25
CT44087-MS	MS	06/11/25

Batch ID: 788648A **Preparation Method** SW7470A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/12/25
25F0238-02	MW-2	06/12/25
25F0238-03	MW-4	06/12/25

Batch ID: BF50297 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/04/25
25F0238-03	MW-4	06/04/25
BF50297-BLK1	Blank	06/04/25
BF50297-BS1	LCS	06/04/25
BF50297-DUP1	Duplicate	06/04/25
BF50297-MS1	Matrix Spike	06/04/25
BF50297-MSD1	Matrix Spike Dup	06/04/25

Batch ID: BF50352 **Preparation Method** EPA 3535A **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/05/25
25F0238-02	MW-2	06/05/25
25F0238-03	MW-4	06/05/25
BF50352-BLK1	Blank	06/05/25
BF50352-BS1	LCS	06/05/25

Batch ID: BF50377 **Preparation Method** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/05/25
25F0238-02	MW-2	06/05/25
25F0238-03	MW-4	06/05/25
BF50377-BLK1	Blank	06/05/25
BF50377-BS1	LCS	06/05/25

Batch ID: BF50429 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/06/25
25F0238-02	MW-2	06/06/25
25F0238-03	MW-4	06/06/25
BF50429-BLK1	Blank	06/06/25
BF50429-BS2	LCS	06/06/25

Batch ID: BF50430 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/06/25
25F0238-02	MW-2	06/06/25
25F0238-03	MW-4	06/06/25
BF50430-BLK1	Blank	06/06/25
BF50430-BS1	LCS	06/06/25

Batch ID: BF50434 **Preparation Method** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/06/25
25F0238-02	MW-2	06/06/25
25F0238-03	MW-4	06/06/25
BF50434-BLK1	Blank	06/06/25
BF50434-BS1	LCS	06/06/25

Batch ID: BF50436 **Preparation Method** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/06/25
25F0238-02	MW-2	06/06/25
25F0238-03	MW-4	06/06/25
BF50436-BLK1	Blank	06/06/25
BF50436-BS1	LCS	06/06/25

Batch ID: BF50519 **Preparation Method** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/08/25
25F0238-03	MW-4	06/08/25
25F0238-04	FB-4	06/08/25
25F0238-06	MW-5	06/08/25
BF50519-BLK1	Blank	06/08/25
BF50519-BS1	LCS	06/08/25
BF50519-BS2	LCS	06/08/25
BF50519-DUP1	Duplicate	06/08/25

Batch ID: BF50541 **Preparation Method** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/09/25
25F0238-02	MW-2	06/09/25
25F0238-03	MW-4	06/09/25
BF50541-BLK1	Blank	06/09/25
BF50541-BS1	LCS	06/09/25

Batch ID: BF50602 **Preparation Method** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/06/25
25F0238-05	TB-4	06/06/25
BF50602-BLK1	Blank	06/06/25
BF50602-BS1	LCS	06/06/25
BF50602-BSD1	LCS Dup	06/06/25

Batch ID: BF50640 **Preparation Method** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/10/25
25F0238-02	MW-2	06/10/25
25F0238-03	MW-4	06/10/25
BF50640-BLK2	Blank	06/10/25
BF50640-BS2	LCS	06/10/25

Batch ID: BF50642 **Preparation Method** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/10/25
25F0238-02	MW-2	06/10/25
25F0238-03	MW-4	06/10/25
BF50642-BLK1	Blank	06/10/25
BF50642-BS1	LCS	06/10/25
BF50642-BSD1	LCS Dup	06/10/25

Batch ID: BF50682 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-01	MW-1D	06/10/25
25F0238-02	MW-2	06/10/25
25F0238-03	MW-4	06/10/25

Batch ID: BF50694 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25F0238-02	MW-2	06/10/25
BF50694-BLK1	Blank	06/10/25
BF50694-BS1	LCS	06/10/25
BF50694-DUP1	Duplicate	06/10/25
BF50694-MS1	Matrix Spike	06/10/25
BF50694-MSD1	Matrix Spike Dup	06/10/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50602 - EPA 5030B											
Blank (BF50602-BLK1)											Prepared & Analyzed: 06/06/2025
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50602 - EPA 5030B											
Blank (BF50602-BLK1)								Prepared & Analyzed: 06/06/2025			
Methylene chloride	ND	2.00	ug/L								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.56*		*"*	*10.0*		*95.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.51*		*"*	*10.0*		*95.1*	*79-122*				
LCS (BF50602-BS1)								Prepared & Analyzed: 06/06/2025			
1,1,1,2-Tetrachloroethane	9.54		ug/L	10.0		95.4	82-126				
1,1,1-Trichloroethane	9.61		"	10.0		96.1	78-136				
1,1,2,2-Tetrachloroethane	9.91		"	10.0		99.1	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.74		"	10.0		97.4	54-165				
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123				
1,1-Dichloroethane	10.5		"	10.0		105	82-129				
1,1-Dichloroethylene	10.0		"	10.0		100	68-138				
1,2,3-Trichlorobenzene	8.09		"	10.0		80.9	76-136				
1,2,3-Trichloropropane	9.47		"	10.0		94.7	77-128				
1,2,4-Trichlorobenzene	7.89		"	10.0		78.9	76-137				
1,2,4-Trimethylbenzene	9.20		"	10.0		92.0	82-132				
1,2-Dibromo-3-chloropropane	7.86		"	10.0		78.6	45-147				
1,2-Dibromoethane	9.74		"	10.0		97.4	83-124				
1,2-Dichlorobenzene	9.09		"	10.0		90.9	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	10.7		"	10.0		107	78-126				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131				
1,3-Dichlorobenzene	8.91		"	10.0		89.1	86-122				
1,3-Dichloropropane	10.5		"	10.0		105	81-125				
1,4-Dichlorobenzene	8.59		"	10.0		85.9	85-124				
1,4-Dioxane	0.00		"	210			10-349	Low Bias			
2-Butanone	12.0		"	10.0		120	49-152				
2-Hexanone	8.97		"	10.0		89.7	51-146				
4-Methyl-2-pentanone	7.48		"	10.0		74.8	57-145				
Acetone	10.5		"	10.0		105	14-150				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50602 - EPA 5030B											
LCS (BF50602-BS1)								Prepared & Analyzed: 06/06/2025			
Acrolein	7.85		ug/L	10.0		78.5	10-153				
Acrylonitrile	11.7		"	10.0		117	51-150				
Benzene	10.9		"	10.0		109	85-126				
Bromochloromethane	10.6		"	10.0		106	77-128				
Bromodichloromethane	9.77		"	10.0		97.7	79-128				
Bromoform	8.96		"	10.0		89.6	78-133				
Bromomethane	6.70		"	10.0		67.0	43-168				
Carbon disulfide	9.49		"	10.0		94.9	68-146				
Carbon tetrachloride	9.75		"	10.0		97.5	77-141				
Chlorobenzene	9.70		"	10.0		97.0	88-120				
Chloroethane	8.71		"	10.0		87.1	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	5.66		"	10.0		56.6	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	9.65		"	10.0		96.5	80-131				
Cyclohexane	4.87		"	10.0		48.7	63-149	Low Bias			
Dibromochloromethane	9.39		"	10.0		93.9	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	3.23		"	10.0		32.3	44-144	Low Bias			
Ethyl Benzene	10.0		"	10.0		100	80-131				
Hexachlorobutadiene	8.03		"	10.0		80.3	67-146				
Isopropylbenzene	9.39		"	10.0		93.9	76-140				
Methyl acetate	11.3		"	10.0		113	51-139				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135				
Methylcyclohexane	9.74		"	10.0		97.4	72-143				
Methylene chloride	9.98		"	10.0		99.8	55-137				
Naphthalene	8.76		"	10.0		87.6	70-147				
n-Butylbenzene	9.16		"	10.0		91.6	79-132				
n-Propylbenzene	9.47		"	10.0		94.7	78-133				
o-Xylene	9.93		"	10.0		99.3	78-130				
p- & m- Xylenes	20.1		"	20.0		100	77-133				
p-Diethylbenzene	8.89		"	10.0		88.9	84-134				
p-Ethyltoluene	11.0		"	10.0		110	88-129				
p-Isopropyltoluene	9.07		"	10.0		90.7	81-136				
sec-Butylbenzene	9.09		"	10.0		90.9	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	56.2		"	50.0		112	25-162				
tert-Butylbenzene	7.94		"	10.0		79.4	77-138				
Tetrachloroethylene	8.30		"	10.0		83.0	82-131				
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	9.74		"	10.0		97.4	78-131				
Trichloroethylene	9.61		"	10.0		96.1	82-128				
Trichlorofluoromethane	8.15		"	10.0		81.5	67-139				
Vinyl Chloride	6.77		"	10.0		67.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.54*		*"*	*10.0*		*95.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.66*		*"*	*10.0*		*96.6*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50602 - EPA 5030B											
LCS Dup (BF50602-BSD1)								Prepared & Analyzed: 06/06/2025			
1,1,1,2-Tetrachloroethane	9.48		ug/L	10.0		94.8	82-126		0.631	30	
1,1,1-Trichloroethane	9.13		"	10.0		91.3	78-136		5.12	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		9.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.39		"	10.0		93.9	54-165		3.66	30	
1,1,2-Trichloroethane	11.0		"	10.0		110	82-123		4.83	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		1.83	30	
1,1-Dichloroethylene	9.74		"	10.0		97.4	68-138		2.83	30	
1,2,3-Trichlorobenzene	9.15		"	10.0		91.5	76-136		12.3	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		11.0	30	
1,2,4-Trichlorobenzene	8.51		"	10.0		85.1	76-137		7.56	30	
1,2,4-Trimethylbenzene	9.06		"	10.0		90.6	82-132		1.53	30	
1,2-Dibromo-3-chloropropane	9.04		"	10.0		90.4	45-147		14.0	30	
1,2-Dibromoethane	10.6		"	10.0		106	83-124		8.64	30	
1,2-Dichlorobenzene	9.25		"	10.0		92.5	79-123		1.74	30	
1,2-Dichloroethane	11.4		"	10.0		114	73-132		5.78	30	
1,2-Dichloropropane	10.6		"	10.0		106	78-126		0.470	30	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		2.96	30	
1,3-Dichlorobenzene	8.98		"	10.0		89.8	86-122		0.783	30	
1,3-Dichloropropane	11.2		"	10.0		112	81-125		6.91	30	
1,4-Dichlorobenzene	8.69		"	10.0		86.9	85-124		1.16	30	
1,4-Dioxane	0.00		"	210			10-349	Low Bias		30	
2-Butanone	15.0		"	10.0		150	49-152		22.7	30	
2-Hexanone	11.0		"	10.0		110	51-146		20.1	30	
4-Methyl-2-pentanone	8.77		"	10.0		87.7	57-145		15.9	30	
Acetone	11.8		"	10.0		118	14-150		11.0	30	
Acrolein	8.89		"	10.0		88.9	10-153		12.4	30	
Acrylonitrile	13.4		"	10.0		134	51-150		13.8	30	
Benzene	10.7		"	10.0		107	85-126		2.04	30	
Bromochloromethane	11.0		"	10.0		110	77-128		4.17	30	
Bromodichloromethane	9.78		"	10.0		97.8	79-128		0.102	30	
Bromoform	9.86		"	10.0		98.6	78-133		9.56	30	
Bromomethane	6.27		"	10.0		62.7	43-168		6.63	30	
Carbon disulfide	9.00		"	10.0		90.0	68-146		5.30	30	
Carbon tetrachloride	9.21		"	10.0		92.1	77-141		5.70	30	
Chlorobenzene	9.45		"	10.0		94.5	88-120		2.61	30	
Chloroethane	8.54		"	10.0		85.4	65-136		1.97	30	
Chloroform	10.3		"	10.0		103	82-128		1.25	30	
Chloromethane	5.35		"	10.0		53.5	43-155		5.63	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		1.90	30	
cis-1,3-Dichloropropylene	9.62		"	10.0		96.2	80-131		0.311	30	
Cyclohexane	4.69		"	10.0		46.9	63-149	Low Bias	3.77	30	
Dibromochloromethane	10.0		"	10.0		100	80-130		6.39	30	
Dibromomethane	10.7		"	10.0		107	72-134		4.69	30	
Dichlorodifluoromethane	3.08		"	10.0		30.8	44-144	Low Bias	4.75	30	
Ethyl Benzene	9.58		"	10.0		95.8	80-131		4.79	30	
Hexachlorobutadiene	8.25		"	10.0		82.5	67-146		2.70	30	
Isopropylbenzene	8.97		"	10.0		89.7	76-140		4.58	30	
Methyl acetate	13.5		"	10.0		135	51-139		17.7	30	
Methyl tert-butyl ether (MTBE)	12.1		"	10.0		121	76-135		12.1	30	
Methylcyclohexane	9.25		"	10.0		92.5	72-143		5.16	30	
Methylene chloride	10.1		"	10.0		101	55-137		1.49	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50602 - EPA 5030B											
LCS Dup (BF50602-BSD1)								Prepared & Analyzed: 06/06/2025			
Naphthalene	10.1		ug/L	10.0		101	70-147		14.6	30	
n-Butylbenzene	9.04		"	10.0		90.4	79-132		1.32	30	
n-Propylbenzene	9.09		"	10.0		90.9	78-133		4.09	30	
o-Xylene	9.70		"	10.0		97.0	78-130		2.34	30	
p- & m- Xylenes	19.2		"	20.0		95.8	77-133		4.79	30	
p-Diethylbenzene	8.80		"	10.0		88.0	84-134		1.02	30	
p-Ethyltoluene	10.6		"	10.0		106	88-129		2.96	30	
p-Isopropyltoluene	9.00		"	10.0		90.0	81-136		0.775	30	
sec-Butylbenzene	9.06		"	10.0		90.6	79-137		0.331	30	
Styrene	10.4		"	10.0		104	67-132		0.289	30	
tert-Butyl alcohol (TBA)	86.5		"	50.0		173	25-162	High Bias	42.5	30	Non-dir.
tert-Butylbenzene	7.80		"	10.0		78.0	77-138		1.78	30	
Tetrachloroethylene	7.83		"	10.0		78.3	82-131	Low Bias	5.83	30	
Toluene	9.65		"	10.0		96.5	80-127		4.36	30	
trans-1,2-Dichloroethylene	9.99		"	10.0		99.9	80-132		2.86	30	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131		4.12	30	
Trichloroethylene	9.22		"	10.0		92.2	82-128		4.14	30	
Trichlorofluoromethane	7.73		"	10.0		77.3	67-139		5.29	30	
Vinyl Chloride	6.37		"	10.0		63.7	58-145		6.09	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.2*		*"*	*10.0*		*112*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.51*		*"*	*10.0*		*95.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.75*		*"*	*10.0*		*97.5*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50640 - EPA 3510C											
Blank (BF50640-BLK2)											Prepared: 06/10/2025 Analyzed: 06/11/2025
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BF50640-BS2)											Prepared: 06/10/2025 Analyzed: 06/11/2025
Acenaphthene	0.831	0.0500	ug/L	1.00		83.1	25-116				
Acenaphthylene	0.974	0.0500	"	1.00		97.4	26-116				
Anthracene	0.797	0.0500	"	1.00		79.7	25-123				
Benzo(a)anthracene	1.03	0.0500	"	1.00		103	33-125				
Benzo(a)pyrene	0.958	0.0500	"	1.00		95.8	32-132				
Benzo(b)fluoranthene	1.24	0.0500	"	1.00		124	22-137				
Benzo(g,h,i)perylene	1.32	0.0500	"	1.00		132	10-138				
Benzo(k)fluoranthene	1.26	0.0500	"	1.00		126	20-137				
Bis(2-ethylhexyl)phthalate	1.53	0.500	"	1.00		153	10-189				
Chrysene	1.01	0.0500	"	1.00		101	32-124				
Dibenzo(a,h)anthracene	1.27	0.0500	"	1.00		127	16-133				
Fluoranthene	1.08	0.0500	"	1.00		108	32-121				
Fluorene	0.870	0.0500	"	1.00		87.0	28-118				
Hexachlorobenzene	1.08	0.0200	"	1.00		108	23-124				
Hexachlorobutadiene	0.801	0.500	"	1.00		80.1	15-123				
Hexachloroethane	2.90	0.500	"	1.00		290	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	1.21	0.0500	"	1.00		121	15-135				
Naphthalene	0.800	0.0500	"	1.00		80.0	18-120				
Nitrobenzene	0.459	0.250	"	1.00		45.9	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.707	0.250	"	1.00		70.7	10-156				
Phenanthrene	0.889	0.0500	"	1.00		88.9	24-127				
Pyrene	0.897	0.0500	"	1.00		89.7	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50642 - EPA 3510C											
Blank (BF50642-BLK1)											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*26.5*		"	*50.0*		*52.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.4*		"	*50.0*		*20.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*37.5*		"	*25.0*		*150*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*22.8*		"	*25.0*		*91.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*66.7*		"	*50.0*		*133*	*39.3-151*				

Prepared: 06/10/2025 Analyzed: 06/11/2025

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50642 - EPA 3510C											
Blank (BF50642-BLK1)								Prepared: 06/10/2025 Analyzed: 06/11/2025			
Surrogate: SURR: Terphenyl-d14	*42.1*		*ug/L*	*25.0*		*168*	*30.7-106*				
LCS (BF50642-BS1)								Prepared & Analyzed: 06/10/2025			
1,1-Biphenyl	12.4	5.00	ug/L	25.0		49.6	33-95				
1,2,4,5-Tetrachlorobenzene	13.9	5.00	"	25.0		55.5	26-120				
2,3,4,6-Tetrachlorophenol	24.8	5.00	"	25.0		99.3	30-130				
2,4,5-Trichlorophenol	16.6	5.00	"	25.0		66.2	32-114				
2,4,6-Trichlorophenol	15.8	5.00	"	25.0		63.2	35-118				
2,4-Dichlorophenol	15.1	5.00	"	25.0		60.4	25-116				
2,4-Dimethylphenol	13.6	5.00	"	25.0		54.3	15-116				
2,4-Dinitrophenol	ND	5.00	"	25.0			10-170	Low Bias			
2,4-Dinitrotoluene	12.2	5.00	"	25.0		48.7	41-128				
2,6-Dinitrotoluene	12.2	5.00	"	25.0		48.9	45-116				
2-Chloronaphthalene	13.4	5.00	"	25.0		53.4	33-112				
2-Chlorophenol	10.2	5.00	"	25.0		40.9	15-120				
2-Methylnaphthalene	12.5	5.00	"	25.0		50.0	24-118				
2-Methylphenol	10.5	5.00	"	25.0		42.0	10-110				
2-Nitroaniline	17.7	5.00	"	25.0		70.6	34-129				
2-Nitrophenol	7.53	5.00	"	25.0		30.1	28-118				
3- & 4-Methylphenols	8.52	5.00	"	25.0		34.1	10-107				
3,3-Dichlorobenzidine	15.0	5.00	"	25.0		60.1	15-187				
3-Nitroaniline	17.2	5.00	"	25.0		68.6	24-134				
4,6-Dinitro-2-methylphenol	ND	5.00	"	25.0			10-153	Low Bias			
4-Bromophenyl phenyl ether	18.4	5.00	"	25.0		73.5	34-120				
4-Chloro-3-methylphenol	20.0	5.00	"	25.0		80.1	20-120				
4-Chloroaniline	12.4	5.00	"	25.0		49.6	10-147				
4-Chlorophenyl phenyl ether	17.4	5.00	"	25.0		69.7	27-121				
4-Nitroaniline	17.5	5.00	"	25.0		70.2	13-134				
4-Nitrophenol	9.27	5.00	"	25.0		37.1	10-131				
Acetophenone	15.6	5.00	"	25.0		62.2	25-110				
Benzaldehyde	10.5	5.00	"	25.0		42.0	29-117				
Benzyl butyl phthalate	17.8	5.00	"	25.0		71.0	29-133				
Bis(2-chloroethoxy)methane	14.4	5.00	"	25.0		57.8	10-154				
Bis(2-chloroethyl)ether	11.9	5.00	"	25.0		47.7	17-125				
Bis(2-chloroisopropyl)ether	17.3	5.00	"	25.0		69.1	10-139				
Caprolactam	3.57	5.00	"	25.0		14.3	10-137				
Carbazole	16.0	5.00	"	25.0		63.8	42-126				
Dibenzofuran	14.6	5.00	"	25.0		58.3	36-113				
Diethyl phthalate	17.4	5.00	"	25.0		69.6	38-115				
Dimethyl phthalate	17.9	5.00	"	25.0		71.5	38-129				
Di-n-butyl phthalate	18.1	5.00	"	25.0		72.4	31-120				
Di-n-octyl phthalate	16.8	5.00	"	25.0		67.3	21-149				
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Isophorone	19.1	5.00	"	25.0		76.4	25-127				
N-nitroso-di-n-propylamine	16.5	5.00	"	25.0		65.9	26-122				
N-Nitrosodiphenylamine	16.6	5.00	"	25.0		66.4	23-149				
Phenol	5.23	5.00	"	25.0		20.9	10-110				
Pyridine	2.89	5.00	"	35.0		8.26	10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*12.4*		*"*	*50.0*		*24.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.28*		*"*	*50.0*		*14.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.7*		*"*	*25.0*		*67.0*	*50.2-113*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50642 - EPA 3510C											
LCS (BF50642-BS1)								Prepared & Analyzed: 06/10/2025			
Surrogate: SURR: 2-Fluorobiphenyl	*12.7*		*ug/L*	*25.0*		*51.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*34.5*		*"*	*50.0*		*69.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.5*		*"*	*25.0*		*69.9*	*30.7-106*				
LCS Dup (BF50642-BSD1)								Prepared & Analyzed: 06/10/2025			
1,1-Biphenyl	12.9	5.00	ug/L	25.0		51.6	33-95		3.87	20	
1,2,4,5-Tetrachlorobenzene	15.5	5.00	"	25.0		62.0	26-120		11.0	20	
2,3,4,6-Tetrachlorophenol	24.0	5.00	"	25.0		96.0	30-130		3.40	20	
2,4,5-Trichlorophenol	17.0	5.00	"	25.0		67.8	32-114		2.45	20	
2,4,6-Trichlorophenol	16.6	5.00	"	25.0		66.3	35-118		4.82	20	
2,4-Dichlorophenol	15.4	5.00	"	25.0		61.6	25-116		2.10	20	
2,4-Dimethylphenol	14.3	5.00	"	25.0		57.2	15-116		5.10	20	
2,4-Dinitrophenol	ND	5.00	"	25.0			10-170	Low Bias		20	
2,4-Dinitrotoluene	13.1	5.00	"	25.0		52.4	41-128		7.44	20	
2,6-Dinitrotoluene	13.4	5.00	"	25.0		53.5	45-116		8.99	20	
2-Chloronaphthalene	13.9	5.00	"	25.0		55.5	33-112		3.82	20	
2-Chlorophenol	12.1	5.00	"	25.0		48.5	15-120		17.0	20	
2-Methylnaphthalene	14.3	5.00	"	25.0		57.2	24-118		13.5	20	
2-Methylphenol	10.9	5.00	"	25.0		43.8	10-110		4.20	20	
2-Nitroaniline	16.7	5.00	"	25.0		66.7	34-129		5.71	20	
2-Nitrophenol	8.18	5.00	"	25.0		32.7	28-118		8.27	20	
3- & 4-Methylphenols	9.29	5.00	"	25.0		37.2	10-107		8.65	20	
3,3-Dichlorobenzidine	14.3	5.00	"	25.0		57.3	15-187		4.77	20	
3-Nitroaniline	17.0	5.00	"	25.0		68.0	24-134		0.820	20	
4,6-Dinitro-2-methylphenol	ND	5.00	"	25.0			10-153	Low Bias		20	
4-Bromophenyl phenyl ether	18.5	5.00	"	25.0		73.9	34-120		0.597	20	
4-Chloro-3-methylphenol	21.2	5.00	"	25.0		84.6	20-120		5.49	20	
4-Chloroaniline	13.9	5.00	"	25.0		55.7	10-147		11.6	20	
4-Chlorophenyl phenyl ether	17.1	5.00	"	25.0		68.4	27-121		1.85	20	
4-Nitroaniline	18.7	5.00	"	25.0		74.7	13-134		6.29	20	
4-Nitrophenol	9.29	5.00	"	25.0		37.2	10-131		0.216	20	
Acetophenone	17.0	5.00	"	25.0		68.2	25-110		9.14	20	
Benzaldehyde	12.4	5.00	"	25.0		49.7	29-117		16.8	20	
Benzyl butyl phthalate	17.2	5.00	"	25.0		69.0	29-133		2.97	20	
Bis(2-chloroethoxy)methane	15.3	5.00	"	25.0		61.2	10-154		5.78	20	
Bis(2-chloroethyl)ether	13.0	5.00	"	25.0		52.2	17-125		8.89	20	
Bis(2-chloroisopropyl)ether	19.2	5.00	"	25.0		76.9	10-139		10.7	20	
Caprolactam	3.14	5.00	"	25.0		12.6	10-137		12.8	20	
Carbazole	15.2	5.00	"	25.0		60.9	42-126		4.68	20	
Dibenzofuran	14.8	5.00	"	25.0		59.0	36-113		1.23	20	
Diethyl phthalate	17.4	5.00	"	25.0		69.8	38-115		0.172	20	
Dimethyl phthalate	18.0	5.00	"	25.0		72.1	38-129		0.780	20	
Di-n-butyl phthalate	16.6	5.00	"	25.0		66.4	31-120		8.65	20	
Di-n-octyl phthalate	16.1	5.00	"	25.0		64.4	21-149		4.43	20	
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias		20	
Isophorone	20.5	5.00	"	25.0		82.0	25-127		6.97	20	
N-nitroso-di-n-propylamine	17.8	5.00	"	25.0		71.3	26-122		7.87	20	
N-Nitrosodiphenylamine	16.8	5.00	"	25.0		67.3	23-149		1.38	20	
Phenol	5.46	5.00	"	25.0		21.8	10-110		4.30	20	
Pyridine	3.45	5.00	"	35.0		9.86	10-90	Low Bias	17.7	20	
Surrogate: SURR: 2-Fluorophenol	*14.1*		*"*	*50.0*		*28.3*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

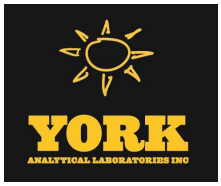
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50642 - EPA 3510C											
LCS Dup (BF50642-BSD1)											Prepared & Analyzed: 06/10/2025
Surrogate: SURR: Phenol-d6	*8.63*		*ug/L*	*50.0*		*17.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.5*		*"*	*25.0*		*74.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.1*		*"*	*25.0*		*52.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*32.9*		*"*	*50.0*		*65.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.8*		*"*	*25.0*		*67.4*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

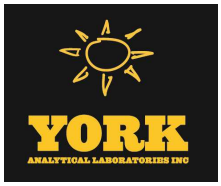
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50352 - EPA 3535A											
Blank (BF50352-BLK1)											Prepared: 06/05/2025 Analyzed: 06/06/2025
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*4.64*		"	*4.00*		*116*	*36.6-118*				
LCS (BF50352-BS1)											Prepared & Analyzed: 06/05/2025
1,4-Dioxane	3.12	0.300	ug/L	4.00		78.0	50-130				
Surrogate: 1,4-Dioxane-d8	*4.00*		"	*4.00*		*100*	*36.6-118*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

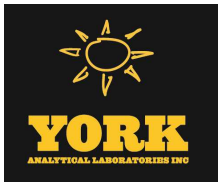
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50519 - EPA 1633 Prep											
Blank (BF50519-BLK1)											Prepared: 06/08/2025 Analyzed: 06/09/2025
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*29.3*		"	*23.3*		*126*	*25-150*				
Surrogate: M5PFHxA	*27.3*		"	*25.0*		*109*	*25-150*				
Surrogate: M4PFHpA	*31.2*		"	*25.0*		*125*	*25-150*				
Surrogate: M3PFHxS	*27.3*		"	*23.7*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.1*		"	*25.0*		*108*	*25-150*				
Surrogate: M6PFDA	*12.6*		"	*12.5*		*101*	*25-150*				
Surrogate: M7PFUdA	*12.5*		"	*12.5*		*99.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.0*		"	*12.5*		*88.1*	*25-150*				
Surrogate: M2PFTeDA	*10.7*		"	*12.5*		*85.2*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

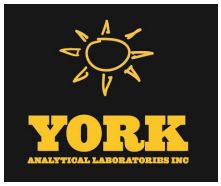
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50519 - EPA 1633 Prep											
Blank (BF50519-BLK1)								Prepared: 06/08/2025 Analyzed: 06/09/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.81*		*ng/L*	*100*		*8.81*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.1*		*"*	*24.0*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*47.9*		*"*	*50.0*		*95.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.6*		*"*	*25.0*		*110*	*10-150*				
Surrogate: d3-N-MeFOSAA	*61.0*		*"*	*50.0*		*122*	*25-150*				
Surrogate: d5-N-EtFOSAA	*62.5*		*"*	*50.0*		*125*	*25-150*				
Surrogate: M2-6:2 FTS	*58.8*		*"*	*47.6*		*124*	*25-200*				
Surrogate: M2-8:2 FTS	*59.5*		*"*	*48.0*		*124*	*25-200*				
Surrogate: M9PFNA	*11.9*		*"*	*12.5*		*94.8*	*25-150*				
Surrogate: M2-4:2 FTS	*63.9*		*"*	*46.9*		*136*	*25-150*				
Surrogate: d-N-MeFOSA	*16.2*		*"*	*25.0*		*64.9*	*25-150*				
Surrogate: d-N-EtFOSA	*12.5*		*"*	*25.0*		*50.0*	*25-150*				
Surrogate: M3HFPO-DA	*107*		*"*	*100*		*107*	*25-150*				
Surrogate: d9-N-EtFOSE	*174*		*"*	*250*		*69.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*171*		*"*	*250*		*68.4*	*25-150*				
LCS (BF50519-BS1)								Prepared: 06/08/2025 Analyzed: 06/09/2025			
Perfluorobutanesulfonic acid (PFBS)	37.0	1.77	ng/L	35.4		104	50-150				
Perfluorohexanoic acid (PFHxA)	39.6	2.00	"	40.0		99.0	50-150				
Perfluoroheptanoic acid (PFHpA)	39.1	2.00	"	40.0		97.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	40.3	1.83	"	36.6		110	50-150				
Perfluorooctanoic acid (PFOA)	46.6	2.00	"	40.0		117	50-150				
Perfluorooctanesulfonic acid (PFOS)	37.5	1.86	"	37.2		101	50-150				
Perfluorononanoic acid (PFNA)	47.7	2.00	"	40.0		119	50-150				
Perfluorodecanoic acid (PFDA)	44.7	2.00	"	40.0		112	50-150				
Perfluoroundecanoic acid (PFUnA)	41.4	2.00	"	40.0		104	50-150				
Perfluorododecanoic acid (PFDoA)	37.8	2.00	"	40.0		94.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	36.5	2.00	"	40.0		91.1	50-150				
Perfluorotetradecanoic acid (PFTA)	34.2	2.00	"	40.0		85.5	50-150				
N-MeFOSAA	38.7	2.00	"	40.0		96.7	50-150				
N-EtFOSAA	40.8	2.00	"	40.0		102	50-150				
Perfluoropentanoic acid (PFPeA)	82.2	4.00	"	80.0		103	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	43.9	2.00	"	40.0		110	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	39.4	1.91	"	38.2		103	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	37.3	1.93	"	38.6		96.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	150	7.60	"	152		98.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	148	7.68	"	154		96.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	131	8.00	"	160		82.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	70.3	3.56	"	71.2		98.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	71.2	4.00	"	80.0		89.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	11.2	4.00	"	80.0		14.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	92.6	4.00	"	80.0		116	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	42.5	1.88	"	37.6		113	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	149	7.50	"	150		99.1	50-150				
HFPO-DA (Gen-X)	78.9	8.00	"	80.0		98.7	50-150				
11CL-PF3OUdS	70.1	7.56	"	75.6		92.8	50-150				
9CL-PF3ONS	56.2	7.48	"	74.8		75.1	50-150				
ADONA	81.2	7.56	"	75.6		107	50-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50519 - EPA 1633 Prep											
LCS (BF50519-BS1)											
Prepared: 06/08/2025 Analyzed: 06/09/2025											
Perfluorododecanesulfonic acid (PFDoS)	33.1	1.94	ng/L	38.8		85.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	40.3	1.92	"	38.4		105	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	94.5	5.00	"	160		59.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	730	25.0	"	800		91.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	781	25.0	"	800		97.7	50-150				
N-MeFOSE	333	20.0	"	400		83.3	50-150				
N-MeFOSA	39.5	2.00	"	40.0		98.8	50-150				
N-EtFOSE	373	20.0	"	400		93.2	50-150				
N-EtFOSA	44.5	2.00	"	40.0		111	50-150				
Surrogate: M3PFBS	*30.7*		"	*23.3*		*132*	*25-150*				
Surrogate: M5PFHxA	*28.7*		"	*25.0*		*115*	*25-150*				
Surrogate: M4PFHpA	*33.3*		"	*25.0*		*133*	*25-150*				
Surrogate: M3PFHxS	*28.7*		"	*23.7*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.7*		"	*25.0*		*111*	*25-150*				
Surrogate: M6PFDA	*13.6*		"	*12.5*		*109*	*25-150*				
Surrogate: M7PFUdA	*13.1*		"	*12.5*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.1*		"	*12.5*		*96.8*	*25-150*				
Surrogate: M2PFTeDA	*12.9*		"	*12.5*		*103*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.76*		"	*100*		*4.76*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.9*		"	*24.0*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*49.6*		"	*50.0*		*99.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.1*		"	*25.0*		*113*	*10-150*				
Surrogate: d3-N-MeFOSAA	*71.8*		"	*50.0*		*144*	*25-150*				
Surrogate: d5-N-EtFOSAA	*76.8*		"	*50.0*		*154*	*25-150*				
Surrogate: M2-6:2 FTS	*69.8*		"	*47.6*		*147*	*25-200*				
Surrogate: M2-8:2 FTS	*77.6*		"	*48.0*		*162*	*25-200*				
Surrogate: M9PFNA	*13.0*		"	*12.5*		*104*	*25-150*				
Surrogate: M2-4:2 FTS	*71.5*		"	*46.9*		*152*	*25-150*				
Surrogate: d-N-MeFOSA	*21.7*		"	*25.0*		*86.8*	*25-150*				
Surrogate: d-N-EtFOSA	*12.7*		"	*25.0*		*50.9*	*25-150*				
Surrogate: M3HFPO-DA	*113*		"	*100*		*113*	*25-150*				
Surrogate: d9-N-EtFOSE	*219*		"	*250*		*87.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*226*		"	*250*		*90.4*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50519 - EPA 1633 Prep											
LCS (BF50519-BS2)								Prepared: 06/08/2025 Analyzed: 06/09/2025			
Perfluorobutanesulfonic acid (PFBS)	3.73	1.77	ng/L	3.54		105	50-150				
Perfluorohexanoic acid (PFHxA)	4.21	2.00	"	4.00		105	50-150				
Perfluoroheptanoic acid (PFHpA)	3.85	2.00	"	4.00		96.2	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.82	1.83	"	3.66		104	50-150				
Perfluorooctanoic acid (PFOA)	4.22	2.00	"	4.00		105	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.45	1.86	"	3.72		92.6	50-150				
Perfluorononanoic acid (PFNA)	5.13	2.00	"	4.00		128	50-150				
Perfluorodecanoic acid (PFDA)	3.99	2.00	"	4.00		99.7	50-150				
Perfluoroundecanoic acid (PFUnA)	3.89	2.00	"	4.00		97.2	50-150				
Perfluorododecanoic acid (PFDoA)	4.58	2.00	"	4.00		114	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.28	2.00	"	4.00		107	50-150				
Perfluorotetradecanoic acid (PFTA)	3.01	2.00	"	4.00		75.4	50-150				
N-MeFOSAA	3.49	2.00	"	4.00		87.4	50-150				
N-EtFOSAA	3.76	2.00	"	4.00		94.1	50-150				
Perfluoropentanoic acid (PFPeA)	8.14	4.00	"	8.00		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.92	2.00	"	4.00		98.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.54	1.91	"	3.82		92.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.59	1.93	"	3.86		67.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.2	7.60	"	15.2		100	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.4	7.68	"	15.4		107	50-150				
Perfluoro-n-butanoic acid (PFBA)	12.1	8.00	"	16.0		75.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.26	3.56	"	7.12		102	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	11.6	4.00	"	8.00		145	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.898	4.00	"	8.00		11.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.80	4.00	"	8.00		122	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.07	1.88	"	3.76		108	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.1	7.50	"	15.0		100	50-150				
HFPO-DA (Gen-X)	9.30	8.00	"	8.00		116	50-150				
11CL-PF3OUdS	7.64	7.56	"	7.56		101	50-150				
9CL-PF3ONS	8.24	7.48	"	7.48		110	50-150				
ADONA	8.89	7.56	"	7.56		118	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.63	1.94	"	3.88		67.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.95	1.92	"	3.84		76.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.67	5.00	"	16.0		54.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	71.6	25.0	"	80.0		89.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	70.6	25.0	"	80.0		88.3	50-150				
N-MeFOSE	36.6	20.0	"	40.0		91.4	50-150				
N-MeFOSA	4.50	2.00	"	4.00		113	50-150				
N-EtFOSE	33.1	20.0	"	40.0		82.6	50-150				
N-EtFOSA	1.86	2.00	"	4.00		46.4	50-150	Low Bias			
Surrogate: M3PFBS	*33.1*		"	*23.3*		*142*	*25-150*				
Surrogate: M5PFHxA	*29.9*		"	*25.0*		*120*	*25-150*				
Surrogate: M4PFHpA	*35.9*		"	*25.0*		*144*	*25-150*				
Surrogate: M3PFHxS	*30.9*		"	*23.7*		*131*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.4*		"	*25.0*		*117*	*25-150*				
Surrogate: M6PFDA	*15.4*		"	*12.5*		*123*	*25-150*				
Surrogate: M7PFUdA	*15.2*		"	*12.5*		*121*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.3*		"	*12.5*		*98.2*	*25-150*				
Surrogate: M2PFTeDA	*11.1*		"	*12.5*		*89.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50519 - EPA 1633 Prep											
LCS (BF50519-BS2)									Prepared: 06/08/2025 Analyzed: 06/09/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.07*		*ng/L*	*100*		*4.07*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.2*		*"*	*24.0*		*130*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*51.7*		*"*	*50.0*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.7*		*"*	*25.0*		*123*	*10-150*				
Surrogate: d3-N-MeFOSAA	*68.5*		*"*	*50.0*		*137*	*25-150*				
Surrogate: d5-N-EtFOSAA	*73.6*		*"*	*50.0*		*147*	*25-150*				
Surrogate: M2-6:2 FTS	*69.9*		*"*	*47.6*		*147*	*25-200*				
Surrogate: M2-8:2 FTS	*70.5*		*"*	*48.0*		*147*	*25-200*				
Surrogate: M9PFNA	*14.2*		*"*	*12.5*		*113*	*25-150*				
Surrogate: M2-4:2 FTS	*76.2*		*"*	*46.9*		*162*	*25-150*				
Surrogate: d-N-MeFOSA	*24.4*		*"*	*25.0*		*97.7*	*25-150*				
Surrogate: d-N-EtFOSA	*22.3*		*"*	*25.0*		*89.1*	*25-150*				
Surrogate: M3HFPO-DA	*116*		*"*	*100*		*116*	*25-150*				
Surrogate: d9-N-EtFOSE	*204*		*"*	*250*		*81.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*212*		*"*	*250*		*84.7*	*25-150*				
Duplicate (BF50519-DUP1)	*Source sample: 25F0238-03 (MW-4)								Prepared: 06/08/2025 Analyzed: 06/10/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	8.65	ng/L		ND					30	
Perfluorohexanoic acid (PFHxA)	30.4	9.77	"		33.3				9.02	30	
Perfluoroheptanoic acid (PFHpA)	13.0	9.77	"		12.2				6.78	30	
Perfluorohexanesulfonic acid (PFHxS)	4.89	8.94	"		4.18				15.7	30	
Perfluorooctanoic acid (PFOA)	73.2	9.77	"		77.3				5.42	30	
Perfluorooctanesulfonic acid (PFOS)	12.0	9.09	"		10.7				11.3	30	
Perfluorononanoic acid (PFNA)	27.5	9.77	"		23.2				17.2	30	
Perfluorodecanoic acid (PFDA)	9.57	9.77	"		8.14				16.2	30	
Perfluoroundecanoic acid (PFUnA)	ND	9.77	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	9.77	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	9.77	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	9.77	"		ND					30	
N-MeFOSAA	ND	9.77	"		ND					30	
N-EtFOSAA	ND	9.77	"		ND					30	
Perfluoropentanoic acid (PFPeA)	32.7	19.5	"		38.4				16.0	30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	9.77	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	9.33	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	9.43	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	37.1	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	37.5	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	39.1	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	17.4	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	19.5	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	19.5	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	19.5	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	9.18	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	36.6	"		ND					30	
HFPO-DA (Gen-X)	ND	39.1	"		ND					30	
11CL-PF3OUdS	ND	36.9	"		ND					30	
9CL-PF3ONS	ND	36.5	"		ND					30	
ADONA	ND	36.9	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50519 - EPA 1633 Prep											
Duplicate (BF50519-DUP1)	*Source sample: 25F0238-03 (MW-4)								Prepared: 06/08/2025 Analyzed: 06/10/2025		
Perfluorododecanesulfonic acid (PFDoS)	ND	9.48	ng/L		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	9.38	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	24.4	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	122	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	122	"		ND					30	
N-MeFOSE	ND	97.7	"		ND					30	
N-MeFOSA	ND	9.77	"		ND					30	
N-EtFOSE	ND	97.7	"		ND					30	
N-EtFOSA	ND	9.77	"		ND					30	
Surrogate: M3PFBS	*23.5*		"	*22.8*		*103*	*25-150*				
Surrogate: M5PFHxA	*19.9*		"	*24.4*		*81.4*	*25-150*				
Surrogate: M4PFHpA	*30.8*		"	*24.4*		*126*	*25-150*				
Surrogate: M3PFHxS	*25.1*		"	*23.2*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.3*		"	*24.4*		*120*	*25-150*				
Surrogate: M6PFDA	*11.5*		"	*12.2*		*94.5*	*25-150*				
Surrogate: M7PFUdA	*13.1*		"	*12.2*		*107*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.5*		"	*12.2*		*86.3*	*25-150*				
Surrogate: M2PFTeDA	*9.40*		"	*12.2*		*77.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.9*		"	*97.7*		*11.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*32.4*		"	*23.4*		*139*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*14.5*		"	*48.8*		*29.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.2*		"	*24.4*		*115*	*10-150*				
Surrogate: d3-N-MeFOSAA	*94.6*		"	*48.8*		*194*	*25-150*				
Surrogate: d5-N-EtFOSAA	*93.6*		"	*48.8*		*192*	*25-150*				
Surrogate: M2-6:2 FTS	*171*		"	*46.5*		*369*	*25-200*				
Surrogate: M2-8:2 FTS	*160*		"	*46.9*		*340*	*25-200*				
Surrogate: M9PFNA	*11.9*		"	*12.2*		*97.2*	*25-150*				
Surrogate: M2-4:2 FTS	*71.7*		"	*45.8*		*156*	*25-150*				
Surrogate: d-N-MeFOSA	*12.8*		"	*24.4*		*52.5*	*25-150*				
Surrogate: d-N-EtFOSA	*15.2*		"	*24.4*		*62.1*	*25-150*				
Surrogate: M3HFPO-DA	*67.9*		"	*97.7*		*69.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*223*		"	*244*		*91.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*215*		"	*244*		*88.0*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50430 - EPA SW846-3510C Low Level											
Blank (BF50430-BLK1)									Prepared & Analyzed: 06/06/2025		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0572*		"	*0.200*		*28.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0698*		"	*0.200*		*34.9*	*30-150*				
LCS (BF50430-BS1)									Prepared & Analyzed: 06/06/2025		
4,4'-DDD	0.0806	0.00400	ug/L	0.100		80.6	40-140			20	
4,4'-DDE	0.0714	0.00400	"	0.100		71.4	40-140			20	
4,4'-DDT	0.0931	0.00400	"	0.100		93.1	40-140			20	
Aldrin	0.0518	0.00400	"	0.100		51.8	40-140			20	
alpha-BHC	0.0649	0.00400	"	0.100		64.9	40-140			20	
alpha-Chlordane	0.0682	0.00400	"	0.100		68.2	40-140			20	
beta-BHC	0.0848	0.00400	"	0.100		84.8	40-140			20	
delta-BHC	0.0654	0.00400	"	0.100		65.4	40-140			20	
Dieldrin	0.0754	0.00200	"	0.100		75.4	40-140			20	
Endosulfan I	0.0743	0.00400	"	0.100		74.3	40-140			20	
Endosulfan II	0.0839	0.00400	"	0.100		83.9	40-140			20	
Endosulfan sulfate	0.0815	0.00400	"	0.100		81.5	40-140			20	
Endrin	0.0812	0.00400	"	0.100		81.2	40-140			20	
Endrin aldehyde	0.0910	0.0100	"	0.100		91.0	40-140			20	
Endrin ketone	0.0894	0.0100	"	0.100		89.4	40-140			20	
gamma-BHC (Lindane)	0.0688	0.00400	"	0.100		68.8	40-140			20	
gamma-Chlordane	0.0687	0.0100	"	0.100		68.7	40-140			20	
Heptachlor	0.0632	0.00400	"	0.100		63.2	40-140			20	
Heptachlor epoxide	0.0728	0.00400	"	0.100		72.8	40-140			20	
Methoxychlor	0.0919	0.00400	"	0.100		91.9	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0666*		"	*0.200*		*33.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0746*		"	*0.200*		*37.3*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50429 - EPA SW846-3510C Low Level											
Blank (BF50429-BLK1)									Prepared & Analyzed: 06/06/2025		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0710*		"	*0.200*		*35.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0710*		"	*0.200*		*35.5*	*30-150*				
LCS (BF50429-BS2)									Prepared & Analyzed: 06/06/2025		
Aroclor 1016	0.705	0.0500	ug/L	1.00		70.5	40-120			20	
Aroclor 1260	0.736	0.0500	"	1.00		73.6	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0910*		"	*0.200*		*45.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0720*		"	*0.200*		*36.0*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50377 - EPA 3015A											
Blank (BF50377-BLK1)											Prepared: 06/05/2025 Analyzed: 06/06/2025
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BF50377-BS1)											Prepared: 06/05/2025 Analyzed: 06/06/2025
Aluminum - Dissolved	2.00		ug/mL	2.00		100	80-120				
Barium - Dissolved	1.91		"	2.00		95.4	80-120				
Calcium - Dissolved	1.23		"	1.00		123	80-120	High Bias			
Chromium - Dissolved	0.193		"	0.200		96.7	80-120				
Cobalt - Dissolved	0.478		"	0.500		95.6	80-120				
Copper - Dissolved	0.246		"	0.250		98.2	80-120				
Iron - Dissolved	0.925		"	1.00		92.5	80-120				
Lead - Dissolved	0.482		"	0.500		96.4	80-120				
Magnesium - Dissolved	1.02		"	1.00		102	80-120				
Manganese - Dissolved	0.486		"	0.500		97.3	80-120				
Nickel - Dissolved	0.483		"	0.500		96.5	80-120				
Potassium - Dissolved	1.06		"	1.00		106	80-120				
Silver - Dissolved	0.0484		"	0.0500		96.8	80-120				
Sodium - Dissolved	0.998		"	1.00		99.8	80-120				
Vanadium - Dissolved	0.480		"	0.500		96.0	80-120				
Zinc - Dissolved	0.476		"	0.500		95.2	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50434 - EPA 3015A											
Blank (BF50434-BLK1)											Prepared: 06/06/2025 Analyzed: 06/09/2025
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BF50434-BS1)											Prepared: 06/06/2025 Analyzed: 06/09/2025
Aluminum	1.92		ug/mL	2.00		96.2	80-120				
Barium	1.90		"	2.00		95.0	80-120				
Calcium	1.52		"	1.00		152	80-120	High Bias			
Chromium	0.188		"	0.200		94.2	80-120				
Cobalt	0.476		"	0.500		95.1	80-120				
Copper	0.242		"	0.250		96.7	80-120				
Iron	0.920		"	1.00		92.0	80-120				
Lead	0.468		"	0.500		93.6	80-120				
Magnesium	0.976		"	1.00		97.6	80-120				
Manganese	0.483		"	0.500		96.6	80-120				
Nickel	0.477		"	0.500		95.4	80-120				
Potassium	0.983		"	1.00		98.3	80-120				
Silver	0.0435		"	0.0500		87.0	80-120				
Sodium	0.946		"	1.00		94.6	80-120				
Vanadium	0.470		"	0.500		93.9	80-120				
Zinc	0.483		"	0.500		96.6	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50436 - EPA 3015A											
Blank (BF50436-BLK1)											Prepared: 06/06/2025 Analyzed: 06/09/2025
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BF50436-BS1)											Prepared: 06/06/2025 Analyzed: 06/09/2025
Antimony	49.9		ug/L	50.0		99.7	80-120				
Arsenic	47.7		"	50.0		95.5	80-120				
Beryllium	46.5		"	50.0		92.9	80-120				
Cadmium	50.1		"	50.0		100	80-120				
Selenium	46.9		"	50.0		93.8	80-120				
Thallium	59.0		"	50.0		118	80-120				
Batch BF50541 - EPA 3015A											
Blank (BF50541-BLK1)											Prepared & Analyzed: 06/09/2025
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BF50541-BS1)											Prepared & Analyzed: 06/09/2025
Antimony - Dissolved	45.5		ug/L	50.0		90.9	80-120				
Arsenic - Dissolved	46.5		"	50.0		92.9	80-120				
Beryllium - Dissolved	45.3		"	50.0		90.5	80-120				
Cadmium - Dissolved	46.2		"	50.0		92.4	80-120				
Selenium - Dissolved	47.3		"	50.0		94.6	80-120				
Thallium - Dissolved	54.1		"	50.0		108	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50297 - Analysis Preparation											
Blank (BF50297-BLK1)									Prepared & Analyzed: 06/04/2025		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BF50297-BS1)									Prepared & Analyzed: 06/04/2025		
Chromium, Hexavalent	0.490	0.0100	mg/L	0.500		98.0	85-115				
Duplicate (BF50297-DUP1)	*Source sample: 25F0238-01 (MW-1D)								Prepared & Analyzed: 06/04/2025		
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BF50297-MS1)	*Source sample: 25F0238-01 (MW-1D)								Prepared & Analyzed: 06/04/2025		
Chromium, Hexavalent	0.465	0.0100	mg/L	0.500	ND	93.1	85-115				
Matrix Spike Dup (BF50297-MSD1)	*Source sample: 25F0238-01 (MW-1D)								Prepared & Analyzed: 06/04/2025		
Chromium, Hexavalent	0.536	0.0100	mg/L	0.500	ND	107	85-115		14.1	200	
Batch BF50694 - Analysis Preparation											
Blank (BF50694-BLK1)									Prepared & Analyzed: 06/10/2025		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BF50694-BS1)									Prepared & Analyzed: 06/10/2025		
Chromium, Hexavalent	0.447	0.0100	mg/L	0.500		89.3	85-115				
Duplicate (BF50694-DUP1)	*Source sample: 25F0238-02 (MW-2)								Prepared & Analyzed: 06/10/2025		
Chromium, Hexavalent	ND	0.0500	mg/L		ND					20	
Matrix Spike (BF50694-MS1)	*Source sample: 25F0238-02 (MW-2)								Prepared & Analyzed: 06/10/2025		
Chromium, Hexavalent	2.10	0.0500	mg/L	0.500	ND	421	85-115	High Bias			

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50694 - Analysis Preparation											
Matrix Spike Dup (BF50694-MSD1)	*Source sample: 25F0238-02 (MW-2)								Prepared & Analyzed: 06/10/2025		
Chromium, Hexavalent	2.10	0.0500	mg/L	0.500	ND	419	85-115	High Bias	0.280	200	

SW7470A - Quality Control Data

Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 788400A - SW7470A											
BLK (CT44087-BLK)								Prepared & Analyzed: 06/11/2025			
Mercury	BRL	0.0002	mg/L			BRL	-				
DUP (CT44087-DUP)								Prepared: 06/11/2025 Analyzed: 06/12/2025			
Mercury	BRL	0.0002	mg/L				-		NC	20	
LCS (CT44087-LCS)								Prepared & Analyzed: 06/11/2025			
Mercury	0.002422	0.0002	mg/L	0.0025		96.9	75-125			20	
MS (CT44087-MS)								Prepared: 06/11/2025 Analyzed: 06/12/2025			
Mercury	0.002580	0.0002	mg/L	0.0025		103	75-125			20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25F0238-01	MW-1D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25F0238-05	TB-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
HT-01R	This flag indicates that the sample was initially analyzed within recommended hold time and that a re-run was performed outside of the hold time.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 25F0238

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	32-20 38th Avenue, Queens New York	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:		RUSH-Next Day
Phone.: (347) 871-0750	Company:	Company:	Purchase Order #	RUSH-Two Day
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address: AP@vektorconsultants.com		RUSH-Three Day
E-mail: ezgi@vektorconsultants.com		E-mail	Samples from CT__NY_x_NJ__	RUSH-Four Day
				Standard (5-7day)

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel *compared to:* Part 375 Unrestricted Use and Restricted Residential Use	
OTHER:	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes: S - soil; Other - specify(oil, etc.); WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-[redacted]	6/4/2025	GW	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals, PFAS (1633), 1,4 Dioxane, hex chrome, trivalent chrome	3- VOAs w/ HCL, 5-1L Ambers, 2-250ml plastics, 1- 250ml plastic w/ HNO3, 2-250ml plastic PFAS
MW-1D	6/4/2025 1035	GW	Same as above	same as above
MW-[redacted]	6/4/2025	GW	Same as above	same as above
MW-2	6/4/2025 0915	GW	TCL SVOCs, PCBs, Pesticides, TAL Metals,1,4 Dioxane, hex chrome, trivalent chrome	5-1L Ambers, 2-250ml plastics, 1-250ml plastic w/ HNO3
MW-4	6/4/2025 1125	GW	TCL SVOCs, PCBs, Pesticides, TAL Metals, PFAS (1633), 1,4 Dioxane, hex chrome, trivalent chrome	5-1L Ambers, 2-250ml plastics, 1-250ml plastic w/ HNO3, 2-250ml plastic PFAS
MW-[redacted]	6/4/2025	GW	Same as above	same as above
FB-4	6/4/2025 1100	FB	PFAS (1633)	2-250ml PFAS plastic
TB-4	Lab	TB	TCL VOCS	2-VOAs w/ HCL

Comments: MW-[redacted] 6/4/25 1620 3.8
MW-[redacted] 6/4/25 1740
6/4/25 1740
6/4/25 2157

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions: Field Filtered ☐ Lab to Filter ☑

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	6/4/25 1530		6/4/25 1530
	6/9/25 1620		6/4/25 21:57

Temperature on Receipt: 3.2 °C

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 06/13/2025
Client Project ID: 32-20 38th Avenue, Queens New York
York Project (SDG) No.: 25F0381

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 06/13/2025
Client Project ID: 32-20 38th Avenue, Queens New York
York Project (SDG) No.: 25F0381

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 05, 2025 and listed below. The project was identified as your project: **32-20 38th Avenue, Queens New York**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25F0381-01	MW-1I	Ground Water	06/05/2025	06/05/2025
25F0381-02	MW-6	Ground Water	06/05/2025	06/05/2025
25F0381-04	MW-5	Ground Water	06/05/2025	06/05/2025
25F0381-05	FB-5	Water	06/05/2025	06/05/2025
25F0381-06	TB-5	Water	06/05/2025	06/05/2025

General Notes for York Project (SDG) No.: 25F0381

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: **Date:** 06/13/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-1I

York Sample ID: 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-1I **York Sample ID:** 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**4.91**		ug/L	0.243	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-1I

York Sample ID: 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	**Naphthalene**	**0.290**	J, CCVE, QL-02	ug/L	0.212	2.00	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-1I **York Sample ID:** 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**10.1**		ug/L	0.239	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	**Toluene**	**6.27**		ug/L	0.346	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**2.89**		ug/L	0.249	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/09/2025 09:29	06/09/2025 23:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.8 %*	*79-122*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW-1I** **York Sample ID:** **25F0381-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1I

York Sample ID: 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/13/2025 12:04	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*91.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*76.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.2 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.0 %*	*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-1I

York Sample ID: 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	CCVE	ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1I

York Sample ID: 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	06/09/2025 07:57	06/09/2025 13:53	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*140 %*	S-08	*36.6-118*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**8.10**		ng/L	0.490	1.85	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**41.1**		ng/L	0.365	2.09	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**12.3**		ng/L	0.741	2.09	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**11.9**		ng/L	0.709	1.91	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
335-67-1	**Perfluorooctanoic acid (PFOA)**	**32.7**		ng/L	0.438	2.09	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.855	1.94	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.542	2.09	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.782	2.09	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.18	2.09	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.918	2.09	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.772	2.09	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.720	2.09	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NJDEP-NY037		
2355-31-9	N-MeFOSAA	ND		ng/L	0.824	2.09	1	EPA 1633 Draft 3	06/08/2025 10:29	06/09/2025 20:30	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MW-1I

York Sample ID: 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	N-EtFOSAA	ND		ng/L	1.07	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**63.1**		ng/L	0.240	4.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.918	2.09	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.949	1.99	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.38	2.01	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.82	7.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.14	8.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.344	8.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.522	3.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 20:30	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.23	4.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 20:30	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.261	4.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 20:30	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.386	4.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 20:30	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.793	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.87	7.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.37	8.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.44	7.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.730	7.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
919005-14-4	ADONA	ND		ng/L	0.553	7.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.970	2.02	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:30	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.897	2.00	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:30	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.12	5.22	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:30	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.65	26.1	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:30	AM

Sample Information

Client Sample ID: MW-1I **York Sample ID:** 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.88	26.1	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:30	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.16	20.9	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:30	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.65	2.09	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:30	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.16	20.9	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:30	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.88	2.09	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:30	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*134 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*122 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*141 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*118 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*86.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*67.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.71 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*110 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*117 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*113 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*131 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*139 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*148 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*137 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*99.5 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*183 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*76.3 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*57.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*118 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*71.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*69.7 %*		*25-150*

Sample Information

Client Sample ID: MW-1I

York Sample ID: 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00235	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0118	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0118	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0118	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00471	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.118	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1I **York Sample ID:** 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.235	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0118	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:34	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0588	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0588	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0588	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0588	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0588	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0588	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0588	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0588	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:30	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.419**		mg/L	0.0556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.124**		mg/L	0.0278	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1I **York Sample ID:** 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**89.2**		mg/L	0.0556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.00800**		mg/L	0.00556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**0.962**		mg/L	0.278	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**34.8**		mg/L	0.0556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.207**		mg/L	0.00556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**7.36**		mg/L	0.0556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**187**		mg/L	0.556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.118**		mg/L	0.0278	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**93.9**	M-BS	mg/L	0.0556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.00722**		mg/L	0.00556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1I **York Sample ID:** 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**0.452**		mg/L	0.278	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**35.1**		mg/L	0.0556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.219**		mg/L	0.00556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**7.58**		mg/L	0.0556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**186**	M-BS	mg/L	0.556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0470**		mg/L	0.0278	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	1	EPA 6020B	06/09/2025 11:36	06/10/2025 16:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	2.22	1	EPA 6020B	06/09/2025 11:36	06/10/2025 16:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.667	1	EPA 6020B	06/09/2025 11:36	06/10/2025 16:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020B	06/09/2025 11:36	06/10/2025 16:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**3.46**		ug/L	2.22	1	EPA 6020B	06/09/2025 11:36	06/10/2025 16:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	2.22	1	EPA 6020B	06/09/2025 11:36	06/10/2025 16:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-1I **York Sample ID:** 25F0381-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 10:40 am	06/05/2025

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	5.56	1	EPA 6020B	06/09/2025 14:13	06/11/2025 14:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	5.56	1	EPA 6020B	06/09/2025 14:13	06/11/2025 14:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	1.67	1	EPA 6020B	06/09/2025 14:13	06/11/2025 14:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	2.78	1	EPA 6020B	06/09/2025 14:13	06/11/2025 14:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	5.56	1	EPA 6020B	06/09/2025 14:13	06/11/2025 14:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	5.56	1	EPA 6020B	06/09/2025 14:13	06/11/2025 14:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	06/05/2025 19:36	06/05/2025 20:48	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	06/11/2025 15:20	06/11/2025 16:34	SL
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc.

SW7470A

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	SW7470A	06/09/2025 00:00	06/10/2025 06:24	CT007
							Certifications:			

SW7470A Dissolved Mercury

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury (Dissolved)	ND		mg/L	0.0002	1	SW7470A	06/12/2025 00:00	06/12/2025 13:41	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0381-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 11:45 am	06/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0381-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 11:45 am	06/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**3.28**	CCVE	ug/L	1.34	2.00	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**0.880**		ug/L	0.243	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0381-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 11:45 am	06/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND	CCVE, QL-02	ug/L	0.212	2.00	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.820**		ug/L	0.239	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0381-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 11:45 am	06/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**1.42**		ug/L	0.249	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	**Trichlorofluoromethane**	**1.50**		ug/L	0.337	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/09/2025 09:29	06/10/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.2 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.3 %*	*79-122*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0381-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 11:45 am	06/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0381-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 11:45 am	06/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 11:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.2 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*17.6 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.2 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.4 %*	*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0381-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 11:45 am	06/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	CCVE	ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0381-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 11:45 am	06/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**0.320**		ug/L	0.300	1	EPA 8270E SIM	06/09/2025 07:57	06/09/2025 14:08	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*116 %*	*36.6-118*

Pesticides, 8081 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0381-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 11:45 am	06/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	06/06/2025 08:37	06/06/2025 16:49	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0381-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 11:45 am	06/05/2025

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:43	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-150*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25F0381-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 12:30 pm	06/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25F0381-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 12:30 pm	06/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25F0381-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 12:30 pm	06/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	06/11/2025 10:04	06/12/2025 12:58	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.0 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.7 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.7 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.6 %*	*30.7-106*

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25F0381-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 12:30 pm	06/05/2025

Semi-Volatiles, 8270 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	CCVE	ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	06/11/2025 10:08	06/12/2025 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	06/09/2025 07:57	06/09/2025 14:39	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*100 %*	*36.6-118*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25F0381-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 12:30 pm	06/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	06/06/2025 08:37	06/06/2025 17:05	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25F0381-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 12:30 pm	06/05/2025

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.2 %*			*30-150*					
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.9 %*			*30-150*					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	06/06/2025 08:34	06/06/2025 16:57	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*55.0 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*71.0 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.712**		mg/L	0.0556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.149**		mg/L	0.0278	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**150**		mg/L	0.0556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25F0381-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 12:30 pm	06/05/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**1.72**		mg/L	0.278	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**62.0**		mg/L	0.0556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.167**		mg/L	0.00556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**8.06**		mg/L	0.0556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**111**		mg/L	0.556	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	06/09/2025 13:58	06/11/2025 10:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.130**		mg/L	0.0278	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**153**	M-BS	mg/L	0.0556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**0.387**		mg/L	0.278	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25F0381-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 12:30 pm	06/05/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**58.3**		mg/L	0.0556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.109**		mg/L	0.00556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**8.40**		mg/L	0.0556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**115**	M-BS	mg/L	0.556	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0279**		mg/L	0.0278	1	EPA 6010D	06/09/2025 14:06	06/10/2025 15:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	1	EPA 6020B	06/09/2025 11:36	06/10/2025 16:41	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.90**		ug/L	2.22	1	EPA 6020B	06/09/2025 11:36	06/10/2025 16:41	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.667	1	EPA 6020B	06/09/2025 11:36	06/10/2025 16:41	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	1.11	1	EPA 6020B	06/09/2025 11:36	06/10/2025 16:41	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**15.9**		ug/L	2.22	1	EPA 6020B	06/09/2025 11:36	06/10/2025 16:41	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	2.22	1	EPA 6020B	06/09/2025 11:36	06/10/2025 16:41	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	10.0	1	EPA 6020B	06/09/2025 14:13	06/11/2025 14:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	10.0	1	EPA 6020B	06/09/2025 14:13	06/11/2025 14:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25F0381-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Ground Water	June 5, 2025 12:30 pm	06/05/2025

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	3.00	1	EPA 6020B	06/09/2025 14:13	06/11/2025 14:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	5.00	1	EPA 6020B	06/09/2025 14:13	06/11/2025 14:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**13.1**		ug/L	10.0	1	EPA 6020B	06/09/2025 14:13	06/11/2025 14:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	10.0	1	EPA 6020B	06/09/2025 14:13	06/11/2025 14:50	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	06/05/2025 19:36	06/05/2025 20:48	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	06/11/2025 15:20	06/11/2025 16:34	SL
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc.

SW7470A

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	SW7470A	06/09/2025 00:00	06/10/2025 06:27	CT007
							Certifications:			

SW7470A Dissolved Mercury

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SW7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury (Dissolved)	ND		mg/L	0.0002	1	SW7470A	06/12/2025 00:00	06/12/2025 13:43	CT007
							Certifications:			

Sample Information

Client Sample ID: **FB-5** **York Sample ID:** **25F0381-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Water	June 5, 2025 10:45 am	06/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.448	1.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.334	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.677	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.648	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.400	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.782	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.496	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.715	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.839	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.705	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.658	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.753	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.982	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.219	3.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.839	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.867	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.26	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.15	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.95	7.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.315	7.62	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM

Sample Information

Client Sample ID: FB-5 **York Sample ID:** 25F0381-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Water	June 5, 2025 10:45 am	06/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.477	3.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 20:46	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.04	3.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 20:46	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.238	3.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 20:46	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.353	3.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/08/2025 10:29	06/09/2025 20:46	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.724	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.71	7.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.08	7.62	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.667	7.13	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
919005-14-4	ADONA	ND		ng/L	0.505	7.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.886	1.85	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:46	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.820	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/08/2025 10:29	06/09/2025 20:46	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.93	4.77	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:46	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.99	23.8	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:46	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.03	23.8	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:46	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.80	19.1	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:46	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.91	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:46	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.80	19.1	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:46	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.72	1.91	1	EPA 1633 Draft 3 Certifications:	06/08/2025 10:29	06/09/2025 20:46	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*122 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*107 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*	*25-150*

Sample Information

Client Sample ID: **FB-5** **York Sample ID:** **25F0381-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Water	June 5, 2025 10:45 am	06/05/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*120 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*101 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*94.7 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*88.2 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.6 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.01 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*92.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*112 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*123 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*145 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*127 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*132 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*137 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*93.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*69.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*106 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*67.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*82.9 %*			*25-150*						

Sample Information

Client Sample ID: TB-5 **York Sample ID:** 25F0381-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Water	June 5, 2025 11:00 am	06/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB-5 **York Sample ID:** 25F0381-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Water	June 5, 2025 11:00 am	06/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	ug/L	0.365	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB-5 **York Sample ID:** 25F0381-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Water	June 5, 2025 11:00 am	06/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB-5 **York Sample ID:** 25F0381-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0381	32-20 38th Avenue, Queens New York	Water	June 5, 2025 11:00 am	06/05/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/10/2025 07:15	06/10/2025 11:36	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*109 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.8 %*	*79-122*

Analytical Batch Summary

Batch ID: 788006A **Preparation Method:** SW7470A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/09/25
25F0381-04	MW-5	06/09/25
CT44554-BLK	BLK	06/09/25
CT44554-LCS	LCS	06/09/25

Batch ID: 788648A **Preparation Method:** SW7470A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/12/25
25F0381-04	MW-5	06/12/25

Batch ID: BF50403 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/05/25
25F0381-04	MW-5	06/05/25
BF50403-BLK1	Blank	06/05/25
BF50403-BS1	LCS	06/05/25

Batch ID: BF50429 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/06/25
25F0381-02	MW-6	06/06/25
25F0381-04	MW-5	06/06/25
BF50429-BLK1	Blank	06/06/25
BF50429-BS2	LCS	06/06/25

Batch ID: BF50430 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/06/25
25F0381-02	MW-6	06/06/25
25F0381-04	MW-5	06/06/25
BF50430-BLK1	Blank	06/06/25
BF50430-BS1	LCS	06/06/25

Batch ID: BF50519 **Preparation Method:** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/08/25
25F0381-05	FB-5	06/08/25

BF50519-BLK1	Blank	06/08/25
BF50519-BS1	LCS	06/08/25
BF50519-BS2	LCS	06/08/25

Batch ID: BF50534 **Preparation Method:** EPA 3535A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/09/25
25F0381-02	MW-6	06/09/25
25F0381-04	MW-5	06/09/25
BF50534-BLK1	Blank	06/09/25
BF50534-BS1	LCS	06/09/25
BF50534-MS1	Matrix Spike	06/09/25
BF50534-MSD1	Matrix Spike Dup	06/09/25

Batch ID: BF50571 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/09/25
25F0381-04	MW-5	06/09/25
BF50571-BLK1	Blank	06/09/25
BF50571-BS1	LCS	06/09/25

Batch ID: BF50577 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/09/25
25F0381-04	MW-5	06/09/25
BF50577-BLK1	Blank	06/09/25
BF50577-BS1	LCS	06/09/25

Batch ID: BF50578 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/09/25
25F0381-04	MW-5	06/09/25
BF50578-BLK1	Blank	06/09/25
BF50578-BS1	LCS	06/09/25

Batch ID: BF50579 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/09/25
25F0381-04	MW-5	06/09/25
BF50579-BLK1	Blank	06/09/25
BF50579-BS1	LCS	06/09/25

Batch ID: BF50628 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/09/25
25F0381-02	MW-6	06/09/25
BF50628-BLK1	Blank	06/09/25
BF50628-BS1	LCS	06/09/25
BF50628-BSD1	LCS Dup	06/09/25

Batch ID: BF50629 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-06	TB-5	06/10/25
BF50629-BLK1	Blank	06/10/25
BF50629-BS1	LCS	06/10/25
BF50629-BSD1	LCS Dup	06/10/25

Batch ID: BF50747 **Preparation Method:** EPA 3510C **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/11/25
25F0381-02	MW-6	06/11/25
25F0381-04	MW-5	06/11/25
BF50747-BS1	LCS	06/11/25
BF50747-BSD1	LCS Dup	06/11/25

Batch ID: BF50748 **Preparation Method:** EPA 3510C **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/11/25
25F0381-02	MW-6	06/11/25
25F0381-04	MW-5	06/11/25
BF50748-BLK2	Blank	06/11/25
BF50748-BS2	LCS	06/11/25

Batch ID: BF50781 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25F0381-01	MW-1I	06/11/25
25F0381-04	MW-5	06/11/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50628 - EPA 5030B											
Blank (BF50628-BLK1)											Prepared & Analyzed: 06/09/2025
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50628 - EPA 5030B											
Blank (BF50628-BLK1)								Prepared & Analyzed: 06/09/2025			
Methylene chloride	ND	2.00	ug/L								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.60*		*"*	*10.0*		*96.0*	*79-122*				
LCS (BF50628-BS1)								Prepared & Analyzed: 06/09/2025			
1,1,1,2-Tetrachloroethane	9.98		ug/L	10.0		99.8	82-126				
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136				
1,1,2,2-Tetrachloroethane	9.92		"	10.0		99.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	54-165				
1,1,2-Trichloroethane	9.86		"	10.0		98.6	82-123				
1,1-Dichloroethane	12.4		"	10.0		124	82-129				
1,1-Dichloroethylene	13.4		"	10.0		134	68-138				
1,2,3-Trichlorobenzene	7.18		"	10.0		71.8	76-136	Low Bias			
1,2,3-Trichloropropane	9.56		"	10.0		95.6	77-128				
1,2,4-Trichlorobenzene	7.43		"	10.0		74.3	76-137	Low Bias			
1,2,4-Trimethylbenzene	10.9		"	10.0		109	82-132				
1,2-Dibromo-3-chloropropane	8.59		"	10.0		85.9	45-147				
1,2-Dibromoethane	9.16		"	10.0		91.6	83-124				
1,2-Dichlorobenzene	9.95		"	10.0		99.5	79-123				
1,2-Dichloroethane	11.3		"	10.0		113	73-132				
1,2-Dichloropropane	11.7		"	10.0		117	78-126				
1,3,5-Trimethylbenzene	13.4		"	10.0		134	80-131	High Bias			
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122				
1,3-Dichloropropane	10.2		"	10.0		102	81-125				
1,4-Dichlorobenzene	9.69		"	10.0		96.9	85-124				
1,4-Dioxane	0.00		"	210			10-349	Low Bias			
2-Butanone	11.0		"	10.0		110	49-152				
2-Hexanone	8.09		"	10.0		80.9	51-146				
4-Methyl-2-pentanone	6.42		"	10.0		64.2	57-145				
Acetone	10.5		"	10.0		105	14-150				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50628 - EPA 5030B											
LCS (BF50628-BS1)								Prepared & Analyzed: 06/09/2025			
Acrolein	12.2		ug/L	10.0		122	10-153				
Acrylonitrile	10.8		"	10.0		108	51-150				
Benzene	12.8		"	10.0		128	85-126	High Bias			
Bromochloromethane	11.6		"	10.0		116	77-128				
Bromodichloromethane	10.3		"	10.0		103	79-128				
Bromoform	5.43		"	10.0		54.3	78-133	Low Bias			
Bromomethane	7.13		"	10.0		71.3	43-168				
Carbon disulfide	13.1		"	10.0		131	68-146				
Carbon tetrachloride	11.6		"	10.0		116	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	12.2		"	10.0		122	65-136				
Chloroform	11.7		"	10.0		117	82-128				
Chloromethane	11.3		"	10.0		113	43-155				
cis-1,2-Dichloroethylene	12.3		"	10.0		123	83-129				
cis-1,3-Dichloropropylene	9.89		"	10.0		98.9	80-131				
Cyclohexane	6.10		"	10.0		61.0	63-149	Low Bias			
Dibromochloromethane	9.04		"	10.0		90.4	80-130				
Dibromomethane	9.94		"	10.0		99.4	72-134				
Dichlorodifluoromethane	12.3		"	10.0		123	44-144				
Ethyl Benzene	11.0		"	10.0		110	80-131				
Hexachlorobutadiene	7.14		"	10.0		71.4	67-146				
Isopropylbenzene	11.7		"	10.0		117	76-140				
Methyl acetate	11.3		"	10.0		113	51-139				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135				
Methylcyclohexane	11.2		"	10.0		112	72-143				
Methylene chloride	12.3		"	10.0		123	55-137				
Naphthalene	7.52		"	10.0		75.2	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	11.7		"	10.0		117	78-133				
o-Xylene	10.9		"	10.0		109	78-130				
p- & m- Xylenes	22.0		"	20.0		110	77-133				
p-Diethylbenzene	10.2		"	10.0		102	84-134				
p-Ethyltoluene	13.4		"	10.0		134	88-129	High Bias			
p-Isopropyltoluene	10.9		"	10.0		109	81-136				
sec-Butylbenzene	10.9		"	10.0		109	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butyl alcohol (TBA)	53.8		"	50.0		108	25-162				
tert-Butylbenzene	9.63		"	10.0		96.3	77-138				
Tetrachloroethylene	9.24		"	10.0		92.4	82-131				
Toluene	11.4		"	10.0		114	80-127				
trans-1,2-Dichloroethylene	12.7		"	10.0		127	80-132				
trans-1,3-Dichloropropylene	9.38		"	10.0		93.8	78-131				
Trichloroethylene	10.8		"	10.0		108	82-128				
Trichlorofluoromethane	11.0		"	10.0		110	67-139				
Vinyl Chloride	13.1		"	10.0		131	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50628 - EPA 5030B											
LCS Dup (BF50628-BSD1)								Prepared & Analyzed: 06/09/2025			
1,1,1,2-Tetrachloroethane	9.00		ug/L	10.0		90.0	82-126		10.3	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136		5.59	30	
1,1,2,2-Tetrachloroethane	8.67		"	10.0		86.7	76-129		13.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	54-165		0.501	30	
1,1,2-Trichloroethane	9.10		"	10.0		91.0	82-123		8.02	30	
1,1-Dichloroethane	11.7		"	10.0		117	82-129		5.64	30	
1,1-Dichloroethylene	13.1		"	10.0		131	68-138		2.64	30	
1,2,3-Trichlorobenzene	6.69		"	10.0		66.9	76-136	Low Bias	7.07	30	
1,2,3-Trichloropropane	8.59		"	10.0		85.9	77-128		10.7	30	
1,2,4-Trichlorobenzene	6.96		"	10.0		69.6	76-137	Low Bias	6.53	30	
1,2,4-Trimethylbenzene	9.78		"	10.0		97.8	82-132		10.5	30	
1,2-Dibromo-3-chloropropane	7.13		"	10.0		71.3	45-147		18.6	30	
1,2-Dibromoethane	8.38		"	10.0		83.8	83-124		8.89	30	
1,2-Dichlorobenzene	8.90		"	10.0		89.0	79-123		11.1	30	
1,2-Dichloroethane	10.3		"	10.0		103	73-132		8.98	30	
1,2-Dichloropropane	11.0		"	10.0		110	78-126		6.53	30	
1,3,5-Trimethylbenzene	12.0		"	10.0		120	80-131		11.2	30	
1,3-Dichlorobenzene	9.12		"	10.0		91.2	86-122		10.3	30	
1,3-Dichloropropane	9.34		"	10.0		93.4	81-125		8.51	30	
1,4-Dichlorobenzene	8.79		"	10.0		87.9	85-124		9.74	30	
1,4-Dioxane	0.00		"	210			10-349	Low Bias		30	
2-Butanone	8.94		"	10.0		89.4	49-152		20.8	30	
2-Hexanone	7.15		"	10.0		71.5	51-146		12.3	30	
4-Methyl-2-pentanone	5.79		"	10.0		57.9	57-145		10.3	30	
Acetone	9.25		"	10.0		92.5	14-150		12.9	30	
Acrolein	11.4		"	10.0		114	10-153		6.44	30	
Acrylonitrile	10.0		"	10.0		100	51-150		7.31	30	
Benzene	12.0		"	10.0		120	85-126		6.13	30	
Bromochloromethane	10.6		"	10.0		106	77-128		8.63	30	
Bromodichloromethane	9.46		"	10.0		94.6	79-128		8.70	30	
Bromoform	7.03		"	10.0		70.3	78-133	Low Bias	25.7	30	
Bromomethane	8.11		"	10.0		81.1	43-168		12.9	30	
Carbon disulfide	12.6		"	10.0		126	68-146		4.28	30	
Carbon tetrachloride	10.9		"	10.0		109	77-141		5.87	30	
Chlorobenzene	9.77		"	10.0		97.7	88-120		6.44	30	
Chloroethane	12.0		"	10.0		120	65-136		1.57	30	
Chloroform	10.9		"	10.0		109	82-128		6.82	30	
Chloromethane	10.9		"	10.0		109	43-155		3.88	30	
cis-1,2-Dichloroethylene	11.6		"	10.0		116	83-129		5.77	30	
cis-1,3-Dichloropropylene	9.12		"	10.0		91.2	80-131		8.10	30	
Cyclohexane	5.72		"	10.0		57.2	63-149	Low Bias	6.43	30	
Dibromochloromethane	8.18		"	10.0		81.8	80-130		9.99	30	
Dibromomethane	9.18		"	10.0		91.8	72-134		7.95	30	
Dichlorodifluoromethane	11.9		"	10.0		119	44-144		3.23	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		6.55	30	
Hexachlorobutadiene	5.80		"	10.0		58.0	67-146	Low Bias	20.7	30	
Isopropylbenzene	10.4		"	10.0		104	76-140		11.1	30	
Methyl acetate	10.3		"	10.0		103	51-139		9.64	30	
Methyl tert-butyl ether (MTBE)	9.32		"	10.0		93.2	76-135		9.70	30	
Methylcyclohexane	10.7		"	10.0		107	72-143		4.66	30	
Methylene chloride	11.7		"	10.0		117	55-137		5.26	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50628 - EPA 5030B											
LCS Dup (BF50628-BSD1)								Prepared & Analyzed: 06/09/2025			
Naphthalene	6.93		ug/L	10.0		69.3	70-147	Low Bias	8.17	30	
n-Butylbenzene	9.70		"	10.0		97.0	79-132		8.02	30	
n-Propylbenzene	10.6		"	10.0		106	78-133		10.1	30	
o-Xylene	10.1		"	10.0		101	78-130		7.05	30	
p- & m- Xylenes	20.7		"	20.0		103	77-133		6.51	30	
p-Diethylbenzene	9.39		"	10.0		93.9	84-134		8.27	30	
p-Ethyltoluene	12.0		"	10.0		120	88-129		11.2	30	
p-Isopropyltoluene	9.77		"	10.0		97.7	81-136		10.6	30	
sec-Butylbenzene	9.77		"	10.0		97.7	79-137		11.1	30	
Styrene	9.98		"	10.0		99.8	67-132		8.26	30	
tert-Butyl alcohol (TBA)	43.8		"	50.0		87.5	25-162		20.5	30	
tert-Butylbenzene	8.64		"	10.0		86.4	77-138		10.8	30	
Tetrachloroethylene	8.83		"	10.0		88.3	82-131		4.54	30	
Toluene	10.8		"	10.0		108	80-127		4.78	30	
trans-1,2-Dichloroethylene	12.1		"	10.0		121	80-132		5.41	30	
trans-1,3-Dichloropropylene	8.58		"	10.0		85.8	78-131		8.91	30	
Trichloroethylene	10.4		"	10.0		104	82-128		3.39	30	
Trichlorofluoromethane	10.8		"	10.0		108	67-139		1.37	30	
Vinyl Chloride	12.5		"	10.0		125	58-145		4.14	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.11*		*"*	*10.0*		*91.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*79-122*				
Batch BF50629 - EPA 5030B											
Blank (BF50629-BLK1)								Prepared & Analyzed: 06/10/2025			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50629 - EPA 5030B											
Blank (BF50629-BLK1)											
Prepared & Analyzed: 06/10/2025											
Acrolein	ND	0.500	ug/L								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.40*		*"*	*10.0*		*84.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.1*		*"*	*10.0*		*111*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50629 - EPA 5030B											
LCS (BF50629-BS1)								Prepared & Analyzed: 06/10/2025			
1,1,1,2-Tetrachloroethane	9.33		ug/L	10.0		93.3	82-126				
1,1,1-Trichloroethane	9.40		"	10.0		94.0	78-136				
1,1,2,2-Tetrachloroethane	9.97		"	10.0		99.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	9.03		"	10.0		90.3	82-123				
1,1-Dichloroethane	9.85		"	10.0		98.5	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,2,3-Trichlorobenzene	7.08		"	10.0		70.8	76-136	Low Bias			
1,2,3-Trichloropropane	9.75		"	10.0		97.5	77-128				
1,2,4-Trichlorobenzene	7.92		"	10.0		79.2	76-137				
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132				
1,2-Dibromo-3-chloropropane	7.49		"	10.0		74.9	45-147				
1,2-Dibromoethane	8.50		"	10.0		85.0	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	8.54		"	10.0		85.4	73-132				
1,2-Dichloropropane	10.7		"	10.0		107	78-126				
1,3,5-Trimethylbenzene	14.6		"	10.0		146	80-131	High Bias			
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	9.07		"	10.0		90.7	81-125				
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124				
1,4-Dioxane	0.00		"	210			10-349	Low Bias			
2-Butanone	7.23		"	10.0		72.3	49-152				
2-Hexanone	6.40		"	10.0		64.0	51-146				
4-Methyl-2-pentanone	5.31		"	10.0		53.1	57-145	Low Bias			
Acetone	10.6		"	10.0		106	14-150				
Acrolein	9.43		"	10.0		94.3	10-153				
Acrylonitrile	7.74		"	10.0		77.4	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromochloromethane	8.74		"	10.0		87.4	77-128				
Bromodichloromethane	9.32		"	10.0		93.2	79-128				
Bromoform	7.22		"	10.0		72.2	78-133	Low Bias			
Bromomethane	4.54		"	10.0		45.4	43-168				
Carbon disulfide	11.0		"	10.0		110	68-146				
Carbon tetrachloride	9.64		"	10.0		96.4	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	10.2		"	10.0		102	65-136				
Chloroform	9.44		"	10.0		94.4	82-128				
Chloromethane	8.07		"	10.0		80.7	43-155				
cis-1,2-Dichloroethylene	9.94		"	10.0		99.4	83-129				
cis-1,3-Dichloropropylene	9.20		"	10.0		92.0	80-131				
Cyclohexane	4.91		"	10.0		49.1	63-149	Low Bias			
Dibromochloromethane	8.29		"	10.0		82.9	80-130				
Dibromomethane	9.11		"	10.0		91.1	72-134				
Dichlorodifluoromethane	10.1		"	10.0		101	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	8.39		"	10.0		83.9	67-146				
Isopropylbenzene	12.6		"	10.0		126	76-140				
Methyl acetate	7.75		"	10.0		77.5	51-139				
Methyl tert-butyl ether (MTBE)	7.99		"	10.0		79.9	76-135				
Methylcyclohexane	11.1		"	10.0		111	72-143				
Methylene chloride	9.22		"	10.0		92.2	55-137				

Volatile Organic Compounds by GC/MS - Quality Control Data

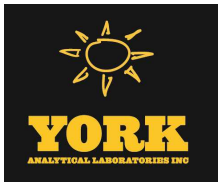
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50629 - EPA 5030B											
LCS (BF50629-BS1)							Prepared & Analyzed: 06/10/2025				
Naphthalene	7.64		ug/L	10.0		76.4	70-147				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	12.3		"	10.0		123	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	21.9		"	20.0		109	77-133				
p-Diethylbenzene	10.8		"	10.0		108	84-134				
p-Ethyltoluene	14.6		"	10.0		146	88-129	High Bias			
p-Isopropyltoluene	11.5		"	10.0		115	81-136				
sec-Butylbenzene	11.5		"	10.0		115	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	32.2		"	50.0		64.3	25-162				
tert-Butylbenzene	10.3		"	10.0		103	77-138				
Tetrachloroethylene	9.61		"	10.0		96.1	82-131				
Toluene	11.2		"	10.0		112	80-127				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132				
trans-1,3-Dichloropropylene	8.66		"	10.0		86.6	78-131				
Trichloroethylene	10.7		"	10.0		107	82-128				
Trichlorofluoromethane	9.69		"	10.0		96.9	67-139				
Vinyl Chloride	9.89		"	10.0		98.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.31*		*"*	*10.0*		*83.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
LCS Dup (BF50629-BSD1)							Prepared & Analyzed: 06/10/2025				
1,1,1,2-Tetrachloroethane	9.66		ug/L	10.0		96.6	82-126		3.48	30	
1,1,1-Trichloroethane	9.02		"	10.0		90.2	78-136		4.13	30	
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	76-129		10.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165		3.43	30	
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123		11.6	30	
1,1-Dichloroethane	9.94		"	10.0		99.4	82-129		0.910	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		3.51	30	
1,2,3-Trichlorobenzene	8.61		"	10.0		86.1	76-136		19.5	30	
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128		12.5	30	
1,2,4-Trichlorobenzene	8.77		"	10.0		87.7	76-137		10.2	30	
1,2,4-Trimethylbenzene	10.9		"	10.0		109	82-132		6.73	30	
1,2-Dibromo-3-chloropropane	9.05		"	10.0		90.5	45-147		18.9	30	
1,2-Dibromoethane	9.73		"	10.0		97.3	83-124		13.5	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		0.482	30	
1,2-Dichloroethane	9.62		"	10.0		96.2	73-132		11.9	30	
1,2-Dichloropropane	10.7		"	10.0		107	78-126		0.373	30	
1,3,5-Trimethylbenzene	13.1		"	10.0		131	80-131		11.1	30	
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122		1.62	30	
1,3-Dichloropropane	10.3		"	10.0		103	81-125		12.7	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124		2.94	30	
1,4-Dioxane	0.00		"	210			10-349	Low Bias		30	
2-Butanone	9.99		"	10.0		99.9	49-152		32.1	30	Non-dir.
2-Hexanone	8.39		"	10.0		83.9	51-146		26.9	30	
4-Methyl-2-pentanone	6.79		"	10.0		67.9	57-145		24.5	30	
Acetone	14.3		"	10.0		143	14-150		29.9	30	
Acrolein	11.7		"	10.0		117	10-153		21.5	30	
Acrylonitrile	10.7		"	10.0		107	51-150		31.7	30	Non-dir.

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50629 - EPA 5030B											
LCS Dup (BF50629-BSD1)								Prepared & Analyzed: 06/10/2025			
Benzene	10.6		ug/L	10.0		106	85-126		0.664	30	
Bromochloromethane	9.73		"	10.0		97.3	77-128		10.7	30	
Bromodichloromethane	9.64		"	10.0		96.4	79-128		3.38	30	
Bromoform	9.01		"	10.0		90.1	78-133		22.1	30	
Bromomethane	4.36		"	10.0		43.6	43-168		4.04	30	
Carbon disulfide	10.6		"	10.0		106	68-146		3.52	30	
Carbon tetrachloride	9.12		"	10.0		91.2	77-141		5.54	30	
Chlorobenzene	9.94		"	10.0		99.4	88-120		2.58	30	
Chloroethane	10.1		"	10.0		101	65-136		0.989	30	
Chloroform	9.78		"	10.0		97.8	82-128		3.54	30	
Chloromethane	7.72		"	10.0		77.2	43-155		4.43	30	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129		0.901	30	
cis-1,3-Dichloropropylene	9.57		"	10.0		95.7	80-131		3.94	30	
Cyclohexane	4.75		"	10.0		47.5	63-149	Low Bias	3.31	30	
Dibromochloromethane	9.38		"	10.0		93.8	80-130		12.3	30	
Dibromomethane	9.97		"	10.0		99.7	72-134		9.01	30	
Dichlorodifluoromethane	9.64		"	10.0		96.4	44-144		4.46	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		4.68	30	
Hexachlorobutadiene	8.64		"	10.0		86.4	67-146		2.94	30	
Isopropylbenzene	11.2		"	10.0		112	76-140		12.1	30	
Methyl acetate	10.1		"	10.0		101	51-139		26.2	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135		25.4	30	
Methylcyclohexane	10.1		"	10.0		101	72-143		9.40	30	
Methylene chloride	9.88		"	10.0		98.8	55-137		6.91	30	
Naphthalene	9.35		"	10.0		93.5	70-147		20.1	30	
n-Butylbenzene	10.3		"	10.0		103	79-132		5.87	30	
n-Propylbenzene	11.1		"	10.0		111	78-133		10.2	30	
o-Xylene	10.4		"	10.0		104	78-130		2.00	30	
p- & m- Xylenes	20.9		"	20.0		104	77-133		4.63	30	
p-Diethylbenzene	10.1		"	10.0		101	84-134		7.37	30	
p-Ethyltoluene	13.1		"	10.0		131	88-129	High Bias	11.1	30	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		7.32	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		7.86	30	
Styrene	10.9		"	10.0		109	67-132		3.85	30	
tert-Butyl alcohol (TBA)	58.1		"	50.0		116	25-162		57.5	30	Non-dir.
tert-Butylbenzene	9.49		"	10.0		94.9	77-138		8.48	30	
Tetrachloroethylene	8.55		"	10.0		85.5	82-131		11.7	30	
Toluene	10.4		"	10.0		104	80-127		7.04	30	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132		1.68	30	
trans-1,3-Dichloropropylene	9.43		"	10.0		94.3	78-131		8.51	30	
Trichloroethylene	9.95		"	10.0		99.5	82-128		7.08	30	
Trichlorofluoromethane	9.21		"	10.0		92.1	67-139		5.08	30	
Vinyl Chloride	9.45		"	10.0		94.5	58-145		4.55	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.59*		*"*	*10.0*		*95.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50747 - EPA 3510C											
LCS (BF50747-BS1)								Prepared: 06/11/2025 Analyzed: 06/12/2025			
1,1-Biphenyl	19.0	5.00	ug/L	25.0		75.9	33-95				
1,2,4,5-Tetrachlorobenzene	21.4	5.00	"	25.0		85.4	26-120				
2,3,4,6-Tetrachlorophenol	33.2	5.00	"	25.0		133	30-130	High Bias			
2,4,5-Trichlorophenol	21.2	5.00	"	25.0		84.9	32-114				
2,4,6-Trichlorophenol	25.9	5.00	"	25.0		104	35-118				
2,4-Dichlorophenol	24.7	5.00	"	25.0		98.8	25-116				
2,4-Dimethylphenol	22.1	5.00	"	25.0		88.5	15-116				
2,4-Dinitrophenol	58.1	5.00	"	25.0		232	10-170	High Bias			
2,4-Dinitrotoluene	32.5	5.00	"	25.0		130	41-128	High Bias			
2,6-Dinitrotoluene	29.7	5.00	"	25.0		119	45-116	High Bias			
2-Chloronaphthalene	20.8	5.00	"	25.0		83.2	33-112				
2-Chlorophenol	18.1	5.00	"	25.0		72.4	15-120				
2-Methylnaphthalene	20.7	5.00	"	25.0		82.6	24-118				
2-Methylphenol	19.0	5.00	"	25.0		75.8	10-110				
2-Nitroaniline	23.6	5.00	"	25.0		94.6	34-129				
2-Nitrophenol	27.1	5.00	"	25.0		108	28-118				
3- & 4-Methylphenols	12.4	5.00	"	25.0		49.8	10-107				
3,3-Dichlorobenzidine	16.8	5.00	"	25.0		67.4	15-187				
3-Nitroaniline	19.0	5.00	"	25.0		76.0	24-134				
4,6-Dinitro-2-methylphenol	72.6	5.00	"	25.0		291	10-153	High Bias			
4-Bromophenyl phenyl ether	28.0	5.00	"	25.0		112	34-120				
4-Chloro-3-methylphenol	29.7	5.00	"	25.0		119	20-120				
4-Chloroaniline	16.0	5.00	"	25.0		64.0	10-147				
4-Chlorophenyl phenyl ether	25.7	5.00	"	25.0		103	27-121				
4-Nitroaniline	19.9	5.00	"	25.0		79.6	13-134				
4-Nitrophenol	9.93	5.00	"	25.0		39.7	10-131				
Acetophenone	26.2	5.00	"	25.0		105	25-110				
Benzaldehyde	17.0	5.00	"	25.0		68.2	29-117				
Benzyl butyl phthalate	27.7	5.00	"	25.0		111	29-133				
Bis(2-chloroethoxy)methane	23.3	5.00	"	25.0		93.1	10-154				
Bis(2-chloroethyl)ether	19.2	5.00	"	25.0		76.7	17-125				
Bis(2-chloroisopropyl)ether	27.4	5.00	"	25.0		110	10-139				
Caprolactam	5.14	5.00	"	25.0		20.6	10-137				
Carbazole	23.2	5.00	"	25.0		92.8	42-126				
Dibenzofuran	22.0	5.00	"	25.0		88.0	36-113				
Diethyl phthalate	28.6	5.00	"	25.0		114	38-115				
Dimethyl phthalate	28.3	5.00	"	25.0		113	38-129				
Di-n-butyl phthalate	27.9	5.00	"	25.0		112	31-120				
Di-n-octyl phthalate	25.1	5.00	"	25.0		100	21-149				
Hexachlorocyclopentadiene	10.8	10.0	"	25.0		43.2	10-130				
Isophorone	32.2	5.00	"	25.0		129	25-127	High Bias			
N-nitroso-di-n-propylamine	27.2	5.00	"	25.0		109	26-122				
N-Nitrosodiphenylamine	26.4	5.00	"	25.0		105	23-149				
Phenol	8.41	5.00	"	25.0		33.6	10-110				
Pyridine	9.44	5.00	"	35.0		27.0	10-90				
Surrogate: SURR: 2-Fluorophenol	*17.4*		*"*	*50.0*		*34.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.6*		*"*	*50.0*		*21.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*26.1*		*"*	*25.0*		*105*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.0*		*"*	*25.0*		*67.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*41.7*		*"*	*50.0*		*83.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.0*		*"*	*25.0*		*92.0*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50747 - EPA 3510C											
LCS (BF50747-BS1)									Prepared: 06/11/2025 Analyzed: 06/12/2025		
LCS Dup (BF50747-BSD1)									Prepared: 06/11/2025 Analyzed: 06/12/2025		
1,1-Biphenyl	17.6	5.00	ug/L	25.0		70.6	33-95		7.27	20	
1,2,4,5-Tetrachlorobenzene	20.1	5.00	"	25.0		80.3	26-120		6.23	20	
2,3,4,6-Tetrachlorophenol	31.3	5.00	"	25.0		125	30-130		5.95	20	
2,4,5-Trichlorophenol	19.3	5.00	"	25.0		77.1	32-114		9.58	20	
2,4,6-Trichlorophenol	21.4	5.00	"	25.0		85.6	35-118		19.2	20	
2,4-Dichlorophenol	23.1	5.00	"	25.0		92.2	25-116		6.87	20	
2,4-Dimethylphenol	21.5	5.00	"	25.0		86.0	15-116		2.93	20	
2,4-Dinitrophenol	60.2	5.00	"	25.0		241	10-170	High Bias	3.52	20	
2,4-Dinitrotoluene	29.3	5.00	"	25.0		117	41-128		10.5	20	
2,6-Dinitrotoluene	26.7	5.00	"	25.0		107	45-116		10.8	20	
2-Chloronaphthalene	18.6	5.00	"	25.0		74.3	33-112		11.2	20	
2-Chlorophenol	15.2	5.00	"	25.0		60.7	15-120		17.7	20	
2-Methylnaphthalene	20.0	5.00	"	25.0		80.0	24-118		3.20	20	
2-Methylphenol	14.4	5.00	"	25.0		57.4	10-110		27.6	20	Non-dir.
2-Nitroaniline	21.8	5.00	"	25.0		87.4	34-129		7.92	20	
2-Nitrophenol	25.6	5.00	"	25.0		102	28-118		5.70	20	
3- & 4-Methylphenols	11.9	5.00	"	25.0		47.6	10-107		4.43	20	
3,3-Dichlorobenzidine	14.9	5.00	"	25.0		59.5	15-187		12.4	20	
3-Nitroaniline	17.3	5.00	"	25.0		69.1	24-134		9.54	20	
4,6-Dinitro-2-methylphenol	68.9	5.00	"	25.0		276	10-153	High Bias	5.31	20	
4-Bromophenyl phenyl ether	25.3	5.00	"	25.0		101	34-120		9.87	20	
4-Chloro-3-methylphenol	29.3	5.00	"	25.0		117	20-120		1.15	20	
4-Chloroaniline	13.8	5.00	"	25.0		55.2	10-147		14.8	20	
4-Chlorophenyl phenyl ether	23.5	5.00	"	25.0		94.0	27-121		9.14	20	
4-Nitroaniline	18.4	5.00	"	25.0		73.6	13-134		7.83	20	
4-Nitrophenol	47.3	5.00	"	25.0		189	10-131	High Bias	131	20	Non-dir.
Acetophenone	23.2	5.00	"	25.0		93.0	25-110		11.9	20	
Benzaldehyde	16.8	5.00	"	25.0		67.2	29-117		1.42	20	
Benzyl butyl phthalate	25.0	5.00	"	25.0		100	29-133		9.98	20	
Bis(2-chloroethoxy)methane	20.6	5.00	"	25.0		82.4	10-154		12.2	20	
Bis(2-chloroethyl)ether	16.8	5.00	"	25.0		67.2	17-125		13.2	20	
Bis(2-chloroisopropyl)ether	24.2	5.00	"	25.0		96.9	10-139		12.4	20	
Caprolactam	4.35	5.00	"	25.0		17.4	10-137		16.6	20	
Carbazole	21.8	5.00	"	25.0		87.4	42-126		6.08	20	
Dibenzofuran	19.7	5.00	"	25.0		78.6	36-113		11.3	20	
Diethyl phthalate	26.6	5.00	"	25.0		107	38-115		7.02	20	
Dimethyl phthalate	26.4	5.00	"	25.0		106	38-129		6.98	20	
Di-n-butyl phthalate	26.9	5.00	"	25.0		108	31-120		3.72	20	
Di-n-octyl phthalate	24.0	5.00	"	25.0		96.1	21-149		4.24	20	
Hexachlorocyclopentadiene	9.76	10.0	"	25.0		39.0	10-130		10.1	20	
Isophorone	29.7	5.00	"	25.0		119	25-127		8.24	20	
N-nitroso-di-n-propylamine	24.9	5.00	"	25.0		99.4	26-122		8.92	20	
N-Nitrosodiphenylamine	23.5	5.00	"	25.0		94.2	23-149		11.3	20	
Phenol	7.62	5.00	"	25.0		30.5	10-110		9.86	20	
Pyridine	6.80	5.00	"	35.0		19.4	10-90		32.5	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*13.9*		*"*	*50.0*		*27.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.74*		*"*	*50.0*		*17.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.0*		*"*	*25.0*		*87.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.4*		*"*	*25.0*		*53.4*	*39.9-105*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50747 - EPA 3510C											
LCS Dup (BF50747-BSD1)											Prepared: 06/11/2025 Analyzed: 06/12/2025
Surrogate: SURR: 2,4,6-Tribromophenol	*35.5*		*ug/L*	*50.0*		*71.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.0*		*"*	*25.0*		*79.8*	*30.7-106*				
Batch BF50748 - EPA 3510C											
Blank (BF50748-BLK2)											Prepared: 06/11/2025 Analyzed: 06/12/2025
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50748 - EPA 3510C											
LCS (BF50748-BS2)								Prepared: 06/11/2025 Analyzed: 06/12/2025			
Acenaphthene	0.695	0.0500	ug/L	1.00		69.5	25-116				
Acenaphthylene	0.819	0.0500	"	1.00		81.9	26-116				
Anthracene	0.592	0.0500	"	1.00		59.2	25-123				
Benzo(a)anthracene	0.717	0.0500	"	1.00		71.7	33-125				
Benzo(a)pyrene	0.624	0.0500	"	1.00		62.4	32-132				
Benzo(b)fluoranthene	0.865	0.0500	"	1.00		86.5	22-137				
Benzo(g,h,i)perylene	0.870	0.0500	"	1.00		87.0	10-138				
Benzo(k)fluoranthene	0.864	0.0500	"	1.00		86.4	20-137				
Bis(2-ethylhexyl)phthalate	1.14	0.500	"	1.00		114	10-189				
Chrysene	0.709	0.0500	"	1.00		70.9	32-124				
Dibenzo(a,h)anthracene	0.864	0.0500	"	1.00		86.4	16-133				
Fluoranthene	0.808	0.0500	"	1.00		80.8	32-121				
Fluorene	0.718	0.0500	"	1.00		71.8	28-118				
Hexachlorobenzene	0.834	0.0200	"	1.00		83.4	23-124				
Hexachlorobutadiene	0.657	0.500	"	1.00		65.7	15-123				
Hexachloroethane	2.49	0.500	"	1.00		249	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.809	0.0500	"	1.00		80.9	15-135				
Naphthalene	0.716	0.0500	"	1.00		71.6	18-120				
Nitrobenzene	0.439	0.250	"	1.00		43.9	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.395	0.250	"	1.00		39.5	10-156				
Phenanthrene	0.703	0.0500	"	1.00		70.3	24-127				
Pyrene	0.690	0.0500	"	1.00		69.0	31-132				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

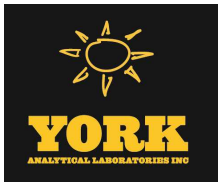
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50534 - EPA 3535A											
Blank (BF50534-BLK1)								Prepared & Analyzed: 06/09/2025			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.52*		*"*	*4.00*		*88.0*	*36.6-118*				
LCS (BF50534-BS1)								Prepared & Analyzed: 06/09/2025			
1,4-Dioxane	4.08	0.300	ug/L	4.00		102	50-130				
Surrogate: 1,4-Dioxane-d8	*4.48*		*"*	*4.00*		*112*	*36.6-118*				
Matrix Spike (BF50534-MS1)	*Source sample: 25F0381-01 (MW-1I)							Prepared & Analyzed: 06/09/2025			
1,4-Dioxane	3.70	0.300	ug/L	4.00	ND	92.4	50-130				
Surrogate: 1,4-Dioxane-d8	*5.12*		*"*	*4.00*		*128*	*50-130*				
Matrix Spike Dup (BF50534-MSD1)	*Source sample: 25F0381-01 (MW-1I)							Prepared & Analyzed: 06/09/2025			
1,4-Dioxane	3.84	0.300	ug/L	4.00	ND	96.0	50-130		3.82	30	
Surrogate: 1,4-Dioxane-d8	*5.44*		*"*	*4.00*		*136*	*50-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

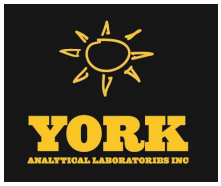
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50519 - EPA 1633 Prep											
Blank (BF50519-BLK1)											
Prepared: 06/08/2025 Analyzed: 06/09/2025											
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*29.3*		*"*	*23.3*		*126*	*25-150*				
Surrogate: M5PFHxA	*27.3*		*"*	*25.0*		*109*	*25-150*				
Surrogate: M4PFHpA	*31.2*		*"*	*25.0*		*125*	*25-150*				
Surrogate: M3PFHxS	*27.3*		*"*	*23.7*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.1*		*"*	*25.0*		*108*	*25-150*				
Surrogate: M6PFDA	*12.6*		*"*	*12.5*		*101*	*25-150*				
Surrogate: M7PFUdA	*12.5*		*"*	*12.5*		*99.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.0*		*"*	*12.5*		*88.1*	*25-150*				
Surrogate: M2PFTeDA	*10.7*		*"*	*12.5*		*85.2*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50519 - EPA 1633 Prep											
Blank (BF50519-BLK1)								Prepared: 06/08/2025 Analyzed: 06/09/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.81*		*ng/L*	*100*		*8.81*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.1*		*"*	*24.0*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*47.9*		*"*	*50.0*		*95.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.6*		*"*	*25.0*		*110*	*10-150*				
Surrogate: d3-N-MeFOSAA	*61.0*		*"*	*50.0*		*122*	*25-150*				
Surrogate: d5-N-EtFOSAA	*62.5*		*"*	*50.0*		*125*	*25-150*				
Surrogate: M2-6:2 FTS	*58.8*		*"*	*47.6*		*124*	*25-200*				
Surrogate: M2-8:2 FTS	*59.5*		*"*	*48.0*		*124*	*25-200*				
Surrogate: M9PFNA	*11.9*		*"*	*12.5*		*94.8*	*25-150*				
Surrogate: M2-4:2 FTS	*63.9*		*"*	*46.9*		*136*	*25-150*				
Surrogate: d-N-MeFOSA	*16.2*		*"*	*25.0*		*64.9*	*25-150*				
Surrogate: d-N-EtFOSA	*12.5*		*"*	*25.0*		*50.0*	*25-150*				
Surrogate: M3HFPO-DA	*107*		*"*	*100*		*107*	*25-150*				
Surrogate: d9-N-EtFOSE	*174*		*"*	*250*		*69.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*171*		*"*	*250*		*68.4*	*25-150*				
LCS (BF50519-BS1)								Prepared: 06/08/2025 Analyzed: 06/09/2025			
Perfluorobutanesulfonic acid (PFBS)	37.0	1.77	ng/L	35.4		104	50-150				
Perfluorohexanoic acid (PFHxA)	39.6	2.00	"	40.0		99.0	50-150				
Perfluoroheptanoic acid (PFHpA)	39.1	2.00	"	40.0		97.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	40.3	1.83	"	36.6		110	50-150				
Perfluorooctanoic acid (PFOA)	46.6	2.00	"	40.0		117	50-150				
Perfluorooctanesulfonic acid (PFOS)	37.5	1.86	"	37.2		101	50-150				
Perfluorononanoic acid (PFNA)	47.7	2.00	"	40.0		119	50-150				
Perfluorodecanoic acid (PFDA)	44.7	2.00	"	40.0		112	50-150				
Perfluoroundecanoic acid (PFUnA)	41.4	2.00	"	40.0		104	50-150				
Perfluorododecanoic acid (PFDoA)	37.8	2.00	"	40.0		94.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	36.5	2.00	"	40.0		91.1	50-150				
Perfluorotetradecanoic acid (PFTA)	34.2	2.00	"	40.0		85.5	50-150				
N-MeFOSAA	38.7	2.00	"	40.0		96.7	50-150				
N-EtFOSAA	40.8	2.00	"	40.0		102	50-150				
Perfluoropentanoic acid (PFPeA)	82.2	4.00	"	80.0		103	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	43.9	2.00	"	40.0		110	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	39.4	1.91	"	38.2		103	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	37.3	1.93	"	38.6		96.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	150	7.60	"	152		98.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	148	7.68	"	154		96.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	131	8.00	"	160		82.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	70.3	3.56	"	71.2		98.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	71.2	4.00	"	80.0		89.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	11.2	4.00	"	80.0		14.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	92.6	4.00	"	80.0		116	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	42.5	1.88	"	37.6		113	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	149	7.50	"	150		99.1	50-150				
HFPO-DA (Gen-X)	78.9	8.00	"	80.0		98.7	50-150				
11CL-PF3OUdS	70.1	7.56	"	75.6		92.8	50-150				
9CL-PF3ONS	56.2	7.48	"	74.8		75.1	50-150				
ADONA	81.2	7.56	"	75.6		107	50-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50519 - EPA 1633 Prep											
LCS (BF50519-BS1)								Prepared: 06/08/2025 Analyzed: 06/09/2025			
Perfluorododecanesulfonic acid (PFDoS)	33.1	1.94	ng/L	38.8		85.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	40.3	1.92	"	38.4		105	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	94.5	5.00	"	160		59.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	730	25.0	"	800		91.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	781	25.0	"	800		97.7	50-150				
N-MeFOSE	333	20.0	"	400		83.3	50-150				
N-MeFOSA	39.5	2.00	"	40.0		98.8	50-150				
N-EtFOSE	373	20.0	"	400		93.2	50-150				
N-EtFOSA	44.5	2.00	"	40.0		111	50-150				
Surrogate: M3PFBS	*30.7*		*"*	*23.3*		*132*	*25-150*				
Surrogate: M5PFHxA	*28.7*		*"*	*25.0*		*115*	*25-150*				
Surrogate: M4PFHpA	*33.3*		*"*	*25.0*		*133*	*25-150*				
Surrogate: M3PFHxS	*28.7*		*"*	*23.7*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.7*		*"*	*25.0*		*111*	*25-150*				
Surrogate: M6PFDA	*13.6*		*"*	*12.5*		*109*	*25-150*				
Surrogate: M7PFUdA	*13.1*		*"*	*12.5*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.1*		*"*	*12.5*		*96.8*	*25-150*				
Surrogate: M2PFTeDA	*12.9*		*"*	*12.5*		*103*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.76*		*"*	*100*		*4.76*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.9*		*"*	*24.0*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*49.6*		*"*	*50.0*		*99.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.1*		*"*	*25.0*		*113*	*10-150*				
Surrogate: d3-N-MeFOSAA	*71.8*		*"*	*50.0*		*144*	*25-150*				
Surrogate: d5-N-EtFOSAA	*76.8*		*"*	*50.0*		*154*	*25-150*				
Surrogate: M2-6:2 FTS	*69.8*		*"*	*47.6*		*147*	*25-200*				
Surrogate: M2-8:2 FTS	*77.6*		*"*	*48.0*		*162*	*25-200*				
Surrogate: M9PFNA	*13.0*		*"*	*12.5*		*104*	*25-150*				
Surrogate: M2-4:2 FTS	*71.5*		*"*	*46.9*		*152*	*25-150*				
Surrogate: d-N-MeFOSA	*21.7*		*"*	*25.0*		*86.8*	*25-150*				
Surrogate: d-N-EtFOSA	*12.7*		*"*	*25.0*		*50.9*	*25-150*				
Surrogate: M3HFPO-DA	*113*		*"*	*100*		*113*	*25-150*				
Surrogate: d9-N-EtFOSE	*219*		*"*	*250*		*87.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*226*		*"*	*250*		*90.4*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50519 - EPA 1633 Prep											
LCS (BF50519-BS2)								Prepared: 06/08/2025 Analyzed: 06/09/2025			
Perfluorobutanesulfonic acid (PFBS)	3.73	1.77	ng/L	3.54		105	50-150				
Perfluorohexanoic acid (PFHxA)	4.21	2.00	"	4.00		105	50-150				
Perfluoroheptanoic acid (PFHpA)	3.85	2.00	"	4.00		96.2	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.82	1.83	"	3.66		104	50-150				
Perfluorooctanoic acid (PFOA)	4.22	2.00	"	4.00		105	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.45	1.86	"	3.72		92.6	50-150				
Perfluorononanoic acid (PFNA)	5.13	2.00	"	4.00		128	50-150				
Perfluorodecanoic acid (PFDA)	3.99	2.00	"	4.00		99.7	50-150				
Perfluoroundecanoic acid (PFUnA)	3.89	2.00	"	4.00		97.2	50-150				
Perfluorododecanoic acid (PFDoA)	4.58	2.00	"	4.00		114	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.28	2.00	"	4.00		107	50-150				
Perfluorotetradecanoic acid (PFTA)	3.01	2.00	"	4.00		75.4	50-150				
N-MeFOSAA	3.49	2.00	"	4.00		87.4	50-150				
N-EtFOSAA	3.76	2.00	"	4.00		94.1	50-150				
Perfluoropentanoic acid (PFPeA)	8.14	4.00	"	8.00		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.92	2.00	"	4.00		98.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.54	1.91	"	3.82		92.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.59	1.93	"	3.86		67.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.2	7.60	"	15.2		100	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.4	7.68	"	15.4		107	50-150				
Perfluoro-n-butanoic acid (PFBA)	12.1	8.00	"	16.0		75.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.26	3.56	"	7.12		102	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	11.6	4.00	"	8.00		145	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.898	4.00	"	8.00		11.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.80	4.00	"	8.00		122	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.07	1.88	"	3.76		108	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.1	7.50	"	15.0		100	50-150				
HFPO-DA (Gen-X)	9.30	8.00	"	8.00		116	50-150				
11CL-PF3OUdS	7.64	7.56	"	7.56		101	50-150				
9CL-PF3ONS	8.24	7.48	"	7.48		110	50-150				
ADONA	8.89	7.56	"	7.56		118	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.63	1.94	"	3.88		67.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.95	1.92	"	3.84		76.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.67	5.00	"	16.0		54.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	71.6	25.0	"	80.0		89.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	70.6	25.0	"	80.0		88.3	50-150				
N-MeFOSE	36.6	20.0	"	40.0		91.4	50-150				
N-MeFOSA	4.50	2.00	"	4.00		113	50-150				
N-EtFOSE	33.1	20.0	"	40.0		82.6	50-150				
N-EtFOSA	1.86	2.00	"	4.00		46.4	50-150	Low Bias			
Surrogate: M3PFBS	*33.1*		*"*	*23.3*		*142*	*25-150*				
Surrogate: M5PFHxA	*29.9*		*"*	*25.0*		*120*	*25-150*				
Surrogate: M4PFHpA	*35.9*		*"*	*25.0*		*144*	*25-150*				
Surrogate: M3PFHxS	*30.9*		*"*	*23.7*		*131*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.4*		*"*	*25.0*		*117*	*25-150*				
Surrogate: M6PFDA	*15.4*		*"*	*12.5*		*123*	*25-150*				
Surrogate: M7PFUdA	*15.2*		*"*	*12.5*		*121*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.3*		*"*	*12.5*		*98.2*	*25-150*				
Surrogate: M2PFTeDA	*11.1*		*"*	*12.5*		*89.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50519 - EPA 1633 Prep											
LCS (BF50519-BS2)									Prepared: 06/08/2025 Analyzed: 06/09/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.07*		*ng/L*	*100*		*4.07*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.2*		*"*	*24.0*		*130*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*51.7*		*"*	*50.0*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.7*		*"*	*25.0*		*123*	*10-150*				
Surrogate: d3-N-MeFOSAA	*68.5*		*"*	*50.0*		*137*	*25-150*				
Surrogate: d5-N-EtFOSAA	*73.6*		*"*	*50.0*		*147*	*25-150*				
Surrogate: M2-6:2 FTS	*69.9*		*"*	*47.6*		*147*	*25-200*				
Surrogate: M2-8:2 FTS	*70.5*		*"*	*48.0*		*147*	*25-200*				
Surrogate: M9PFNA	*14.2*		*"*	*12.5*		*113*	*25-150*				
Surrogate: M2-4:2 FTS	*76.2*		*"*	*46.9*		*162*	*25-150*				
Surrogate: d-N-MeFOSA	*24.4*		*"*	*25.0*		*97.7*	*25-150*				
Surrogate: d-N-EtFOSA	*22.3*		*"*	*25.0*		*89.1*	*25-150*				
Surrogate: M3HFPO-DA	*116*		*"*	*100*		*116*	*25-150*				
Surrogate: d9-N-EtFOSE	*204*		*"*	*250*		*81.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*212*		*"*	*250*		*84.7*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50430 - EPA SW846-3510C Low Level											
Blank (BF50430-BLK1)								Prepared & Analyzed: 06/06/2025			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0572*		*"*	*0.200*		*28.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0698*		*"*	*0.200*		*34.9*	*30-150*				
LCS (BF50430-BS1)								Prepared & Analyzed: 06/06/2025			
4,4'-DDD	0.0806	0.00400	ug/L	0.100		80.6	40-140			20	
4,4'-DDE	0.0714	0.00400	"	0.100		71.4	40-140			20	
4,4'-DDT	0.0931	0.00400	"	0.100		93.1	40-140			20	
Aldrin	0.0518	0.00400	"	0.100		51.8	40-140			20	
alpha-BHC	0.0649	0.00400	"	0.100		64.9	40-140			20	
alpha-Chlordane	0.0682	0.00400	"	0.100		68.2	40-140			20	
beta-BHC	0.0848	0.00400	"	0.100		84.8	40-140			20	
delta-BHC	0.0654	0.00400	"	0.100		65.4	40-140			20	
Dieldrin	0.0754	0.00200	"	0.100		75.4	40-140			20	
Endosulfan I	0.0743	0.00400	"	0.100		74.3	40-140			20	
Endosulfan II	0.0839	0.00400	"	0.100		83.9	40-140			20	
Endosulfan sulfate	0.0815	0.00400	"	0.100		81.5	40-140			20	
Endrin	0.0812	0.00400	"	0.100		81.2	40-140			20	
Endrin aldehyde	0.0910	0.0100	"	0.100		91.0	40-140			20	
Endrin ketone	0.0894	0.0100	"	0.100		89.4	40-140			20	
gamma-BHC (Lindane)	0.0688	0.00400	"	0.100		68.8	40-140			20	
gamma-Chlordane	0.0687	0.0100	"	0.100		68.7	40-140			20	
Heptachlor	0.0632	0.00400	"	0.100		63.2	40-140			20	
Heptachlor epoxide	0.0728	0.00400	"	0.100		72.8	40-140			20	
Methoxychlor	0.0919	0.00400	"	0.100		91.9	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0666*		*"*	*0.200*		*33.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0746*		*"*	*0.200*		*37.3*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50429 - EPA SW846-3510C Low Level											
Blank (BF50429-BLK1)								Prepared & Analyzed: 06/06/2025			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0710*		*"*	*0.200*		*35.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0710*		*"*	*0.200*		*35.5*	*30-150*				
LCS (BF50429-BS2)								Prepared & Analyzed: 06/06/2025			
Aroclor 1016	0.705	0.0500	ug/L	1.00		70.5	40-120			20	
Aroclor 1260	0.736	0.0500	"	1.00		73.6	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0910*		*"*	*0.200*		*45.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0720*		*"*	*0.200*		*36.0*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50577 - EPA 3015A											
Blank (BF50577-BLK1)											Prepared: 06/09/2025 Analyzed: 06/11/2025
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BF50577-BS1)											Prepared: 06/09/2025 Analyzed: 06/11/2025
Aluminum	2.06		ug/mL	2.00		103	80-120				
Barium	1.95		"	2.00		97.3	80-120				
Calcium	1.20		"	1.00		120	80-120				
Chromium	0.198		"	0.200		98.8	80-120				
Cobalt	0.494		"	0.500		98.8	80-120				
Copper	0.252		"	0.250		101	80-120				
Iron	1.07		"	1.00		107	80-120				
Lead	0.492		"	0.500		98.5	80-120				
Magnesium	1.03		"	1.00		103	80-120				
Manganese	0.503		"	0.500		101	80-120				
Nickel	0.504		"	0.500		101	80-120				
Potassium	0.998		"	1.00		99.8	80-120				
Silver	0.0514		"	0.0500		103	80-120				
Sodium	1.04		"	1.00		104	80-120				
Vanadium	0.490		"	0.500		98.1	80-120				
Zinc	0.468		"	0.500		93.7	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50578 - EPA 3015A											
Blank (BF50578-BLK1)											Prepared: 06/09/2025 Analyzed: 06/10/2025
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BF50578-BS1)											Prepared: 06/09/2025 Analyzed: 06/10/2025
Aluminum - Dissolved	2.21		ug/mL	2.00		110	80-120				
Barium - Dissolved	2.00		"	2.00		100	80-120				
Calcium - Dissolved	1.45		"	1.00		145	80-120	High Bias			
Chromium - Dissolved	0.204		"	0.200		102	80-120				
Cobalt - Dissolved	0.505		"	0.500		101	80-120				
Copper - Dissolved	0.268		"	0.250		107	80-120				
Iron - Dissolved	1.17		"	1.00		117	80-120				
Lead - Dissolved	0.528		"	0.500		106	80-120				
Magnesium - Dissolved	1.12		"	1.00		112	80-120				
Manganese - Dissolved	0.537		"	0.500		107	80-120				
Nickel - Dissolved	0.528		"	0.500		106	80-120				
Potassium - Dissolved	1.02		"	1.00		102	80-120				
Silver - Dissolved	0.0536		"	0.0500		107	80-120				
Sodium - Dissolved	1.21		"	1.00		121	80-120	High Bias			
Vanadium - Dissolved	0.509		"	0.500		102	80-120				
Zinc - Dissolved	0.514		"	0.500		103	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50571 - EPA 3015A											
Blank (BF50571-BLK1)								Prepared & Analyzed: 06/09/2025			
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BF50571-BS1)								Prepared & Analyzed: 06/09/2025			
Antimony	51.3		ug/L	50.0		103	80-120				
Arsenic	47.2		"	50.0		94.4	80-120				
Beryllium	44.0		"	50.0		88.1	80-120				
Cadmium	54.0		"	50.0		108	80-120				
Selenium	49.6		"	50.0		99.2	80-120				
Thallium	58.3		"	50.0		117	80-120				
Batch BF50579 - EPA 3015A											
Blank (BF50579-BLK1)								Prepared: 06/09/2025 Analyzed: 06/11/2025			
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BF50579-BS1)								Prepared: 06/09/2025 Analyzed: 06/11/2025			
Antimony - Dissolved	78.1		ug/L	50.0		156	80-120	High Bias			
Arsenic - Dissolved	51.8		"	50.0		104	80-120				
Beryllium - Dissolved	50.5		"	50.0		101	80-120				
Cadmium - Dissolved	85.5		"	50.0		171	80-120	High Bias			
Selenium - Dissolved	49.3		"	50.0		98.5	80-120				
Thallium - Dissolved	54.7		"	50.0		109	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50403 - Analysis Preparation											
Blank (BF50403-BLK1)									Prepared & Analyzed: 06/05/2025		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BF50403-BS1)									Prepared & Analyzed: 06/05/2025		
Chromium, Hexavalent	0.467	0.0100	mg/L	0.500		93.3	85-115				

SW7470A - Quality Control Data

Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 788006A - SW7470A											
BLK (CT44554-BLK)								Prepared & Analyzed: 06/09/2025			
Mercury	BRL	0.0002	mg/L			BRL	-				
LCS (CT44554-LCS)								Prepared & Analyzed: 06/09/2025			
Mercury	0.002404	0.0002	mg/L	0.0025		96.2	80-120			20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25F0381-01	MW-1I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25F0381-02	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25F0381-06	TB-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No 25F0381

YOUR Information	**Report to:**	**Invoice To:**	**Your Project ID**	**Turn-Around Time**
Company: Vektor Consultants	SAME [X]	SAME [X]	32-20 38th Avenue, Queens New York	RUSH-Same Day
Address: 37 West 37th Street,	Name:	Name:		RUSH-Next Day
6th Floor, New York, NY 10018	Company:	Company:	**Purchase Order #**	RUSH-Two Day
Phone.: (347) 871-0750	Address:	Address:		RUSH-Three Day
Contact: Ezgi Karayel	dklein@vektorconsultants.com	AP@vektorcons		RUSH-Four Day
E-mail: ezgi@vektorconsultants.com		E-mail ultants.com	Samples from CT__NY_x_NJ__	Standard (5-7day)

Report/Deliverable Type	
Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel *compared to:* Part 375 Unrestricted Use and Restricted Residential Use

OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in, and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded (No Dioxane/Furans)
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded (Full List)
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-1I	6/4/2025 1040	GW	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals, PFAS (1633), 1,4 Dioxane, hex chrome, trivalent chrome, Dissolved Metals	3- VOAs w/ HCL, 5-1L Ambers, 2-250ml plastics, 1- 250ml plastic w/ HNO3, 2-250ml plastic PFAS
[redacted]	[redacted]	GW	Same as above	same as above
MW-6	6/4/2025 1145	GW	TCL VOCs, TCL SVOCs, 1,4 Dioxane, PCBs (Pest Same as above	3 VOAs same as above 3-1L Ambers
[redacted]	[redacted]	GW	TCL SVOCs, PCBs, Pesticides, TAL Metals, 1,4 Dioxane, hex chrome, trivalent chrome	5-1L Ambers, 2-250ml plastics, 1-250ml plastic w/ HNO3
MW-4	6/4/2025 1210	GW	TCL SVOCs, PCBs, Pesticides, TAL Metals, PFAS (1633), 1,4 Dioxane, hex chrome, trivalent chrome Hold	5-1L Ambers, 2-250ml plastics, 1-250ml plastic w/ HNO3, 2-250ml plastic PFAS
MW-5	6/4/2025 1230	GW	[redacted] TCL SVOCs, PCBs, Pest Same as above TAL Metals (Total + Dissolved, 1,4 Dioxane, hex, tri Chrome	same as above 5-1L Ambers, 2-250ml Plastics, 1-250ml plastic w/HNO3
FB-05	6/4/2025 1045	FB	PFAS (1633)	2-250ml PFAS plastic
TB-05	Lab 6/5/25 -1100	TB	TCL VOCS	2-VOAs w/ HCL

6/5/25 16:50 4.0 — 6/5/25 1820 — 6/5/25 1820 — 6/5/25 2030

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Comments: only 3 ambers MW6 - 3 VOCs, 1,4-Dioxane, through chlorinated pesticides

Special Instructions
Field Filtered ☐
Lab to Filter ☑

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
6/5/25 1300	6-3-25 1653	6-5-25	6/5/25 20:30	26 °C

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 06/18/2025
Client Project ID: 32-20 38th Avenue, Queens
York Project (SDG) No.: 25F0562

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 06/18/2025
Client Project ID: 32-20 38th Avenue, Queens
York Project (SDG) No.: 25F0562

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 09, 2025 and listed below. The project was identified as your project: **32-20 38th Avenue, Queens**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25F0562-01	MW-6	Ground Water	06/04/2025	06/09/2025
25F0562-02	FB	Ground Water	06/04/2025	06/09/2025
25F0562-03	Trip Blank	Water	06/06/2025	06/09/2025

General Notes for York Project (SDG) No.: 25F0562

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 06/18/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Ground Water	June 4, 2025 12:05 pm	06/09/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**0.763**	J	ng/L	0.496	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**2.84**		ng/L	0.369	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**2.28**		ng/L	0.749	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**0.800**	J	ng/L	0.718	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**6.96**		ng/L	0.443	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.865	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.576**	J	ng/L	0.549	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.791	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.19	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.929	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.781	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.728	2.11	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.834	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.09	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**2.72**	J	ng/L	0.243	4.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.929	2.11	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.960	2.02	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.39	2.04	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.91	8.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.16	8.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.348	8.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Ground Water	June 4, 2025 12:05 pm	06/09/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.528	3.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/11/2025 16:04	06/13/2025 14:36	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.26	4.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/11/2025 16:04	06/13/2025 14:36	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.264	4.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/11/2025 16:04	06/13/2025 14:36	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.390	4.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/11/2025 16:04	06/13/2025 14:36	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.802	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.89	7.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.41	8.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.46	7.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.739	7.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
919005-14-4	ADONA	ND		ng/L	0.559	7.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.981	2.05	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:36	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.908	2.03	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:36	AM
356-02-5	*** 3-Perfluoropropyl propanoic acid (FPrPA)**	**4.88**	J	ng/L	2.14	5.28	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:36	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.74	26.4	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:36	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ng/L	9.99	26.4	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:36	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.21	21.1	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:36	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.67	2.11	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:36	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.21	21.1	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:36	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.90	2.11	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:36	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*84.4 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*101 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*129 %*	*25-150*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Ground Water	June 4, 2025 12:05 pm	06/09/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*124 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*117 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*91.8 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*59.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*36.0 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*0.993 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*117 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*22.8 %*	PFSu-L		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*112 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*95.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*131 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*112 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*121 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*98.2 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*91.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*68.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*30.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*40.6 %*			*25-150*						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**27.1**		mg/L	0.0556	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.293**		mg/L	0.0278	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**51.5**		mg/L	0.0556	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.0528**		mg/L	0.00556	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**0.0258**		mg/L	0.00444	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**0.0852**		mg/L	0.0222	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**39.9**		mg/L	0.278	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**0.0771**		mg/L	0.00556	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Ground Water	June 4, 2025 12:05 pm	06/09/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**19.4**		mg/L	0.0556	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**1.04**		mg/L	0.00556	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**0.0451**		mg/L	0.0111	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**12.9**		mg/L	0.0556	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**137**		mg/L	0.556	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**0.0603**		mg/L	0.0111	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.137**		mg/L	0.0278	1	EPA 6010D	06/11/2025 07:42	06/11/2025 15:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0284**		mg/L	0.0278	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**37.0**	M-BS	mg/L	0.0556	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5.11**		mg/L	0.0556	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.0462**		mg/L	0.00556	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **25F0562-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Ground Water	June 4, 2025 12:05 pm	06/09/2025

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**3.86**		mg/L	0.0556	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**134**		mg/L	0.556	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	06/11/2025 15:59	06/12/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	06/11/2025 08:06	06/11/2025 16:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.92**		ug/L	1.11	1	EPA 6020B	06/11/2025 08:06	06/11/2025 16:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.452**		ug/L	0.333	1	EPA 6020B	06/11/2025 08:06	06/11/2025 16:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	06/11/2025 08:06	06/11/2025 16:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**2.46**		ug/L	1.11	1	EPA 6020B	06/11/2025 08:06	06/11/2025 16:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	06/11/2025 08:06	06/11/2025 16:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	06/11/2025 08:45	06/12/2025 13:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND	M-CCV 1	ug/L	1.11	1	EPA 6020B	06/11/2025 08:45	06/12/2025 13:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	06/11/2025 08:45	06/12/2025 13:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	06/11/2025 08:45	06/12/2025 13:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**2.38**	M-CCV 1	ug/L	1.11	1	EPA 6020B	06/11/2025 08:45	06/12/2025 13:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25F0562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Ground Water	June 4, 2025 12:05 pm	06/09/2025

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	06/11/2025 08:45	06/12/2025 13:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	06/09/2025 20:58	06/09/2025 21:15	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.0528**		mg/L	0.0100	1	Calculation	06/12/2025 15:51	06/12/2025 16:00	SL
							Certifications:			

Sample Information

Client Sample ID: **FB** **York Sample ID:** **25F0562-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Ground Water	June 4, 2025 12:05 pm	06/09/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.472	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.351	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.713	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.683	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.422	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.823	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.522	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.753	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.13	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.883	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.743	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.693	2.01	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.793	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.03	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.231	4.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.883	2.01	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.913	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.33	1.94	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.53	7.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.06	7.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.331	8.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM

Sample Information

Client Sample ID: FB **York Sample ID:** 25F0562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Ground Water	June 4, 2025 12:05 pm	06/09/2025

Q_P_PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.502	3.57	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/11/2025 16:04	06/13/2025 14:48	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.15	4.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/11/2025 16:04	06/13/2025 14:48	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.251	4.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/11/2025 16:04	06/13/2025 14:48	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.371	4.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/11/2025 16:04	06/13/2025 14:48	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.763	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.80	7.53	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.24	8.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.39	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.703	7.51	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
919005-14-4	ADONA	ND		ng/L	0.532	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.934	1.95	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:48	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.863	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/11/2025 16:04	06/13/2025 14:48	AM
356-02-5	*** 3-Perfluoropropyl propanoic acid (FPrPA)**	**4.74**	J	ng/L	2.04	5.02	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:48	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.36	25.1	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:48	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ng/L	9.51	25.1	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:48	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.01	20.1	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:48	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.59	2.01	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:48	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.01	20.1	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:48	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.81	2.01	1	EPA 1633 Draft 3 Certifications:	06/11/2025 16:04	06/13/2025 14:48	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*48.3 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*58.8 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*95.2 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*	*25-150*

Sample Information

Client Sample ID: FB

York Sample ID: 25F0562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Ground Water	June 4, 2025 12:05 pm	06/09/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*112 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*82.1 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*58.6 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*0.793 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*115 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*12.2 %*	PFSu-L		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*113 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*104 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*115 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*66.8 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*93.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*88.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*62.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*69.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*81.9 %*			*25-150*						

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **25F0562-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Water	June 6, 2025 12:00 am	06/09/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	35.3	80.0	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **25F0562-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Water	June 6, 2025 12:00 am	06/09/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	3.00	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	2.00	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 25F0562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Water	June 6, 2025 12:00 am	06/09/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.241	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **25F0562-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F0562	32-20 38th Avenue, Queens	Water	June 6, 2025 12:00 am	06/09/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/13/2025 07:41	06/13/2025 17:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*83.7 %*	*79-122*

Analytical Batch Summary

Batch ID: BF50621 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25F0562-01	MW-6	06/09/25
BF50621-BLK1	Blank	06/09/25
BF50621-BS1	LCS	06/09/25
BF50621-DUP1	Duplicate	06/09/25
BF50621-MS1	Matrix Spike	06/09/25
BF50621-MSD1	Matrix Spike Dup	06/09/25

Batch ID: BF50707 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25F0562-01	MW-6	06/11/25
BF50707-BLK1	Blank	06/11/25
BF50707-BS1	LCS	06/11/25

Batch ID: BF50709 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25F0562-01	MW-6	06/11/25
BF50709-BLK1	Blank	06/11/25
BF50709-BS1	LCS	06/11/25

Batch ID: BF50723 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25F0562-01	MW-6	06/11/25
BF50723-BLK1	Blank	06/11/25
BF50723-BS1	LCS	06/11/25

Batch ID: BF50771 **Preparation Method:** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25F0562-01	MW-6	06/11/25
25F0562-02	FB	06/11/25
BF50771-BLK1	Blank	06/11/25
BF50771-BS1	LCS	06/11/25
BF50771-BS2	LCS	06/11/25

Batch ID: BF50788 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25F0562-01	MW-6	06/11/25
BF50788-BLK1	Blank	06/11/25

BF50788-BS1	LCS	06/11/25

Batch ID: BF50883 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25F0562-01	MW-6	06/12/25

Batch ID: BF50966 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25F0562-03	Trip Blank	06/13/25
BF50966-BLK1	Blank	06/13/25
BF50966-BS1	LCS	06/13/25
BF50966-BSD1	LCS Dup	06/13/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50966 - EPA 5030B											
Blank (BF50966-BLK1)											Prepared & Analyzed: 06/13/2025
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	2.14	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50966 - EPA 5030B											
Blank (BF50966-BLK1)								Prepared & Analyzed: 06/13/2025			
Methylene chloride	ND	2.00	ug/L								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.45*		*"*	*10.0*		*94.5*	*79-122*				
LCS (BF50966-BS1)								Prepared & Analyzed: 06/13/2025			
1,1,1,2-Tetrachloroethane	9.41		ug/L	10.0		94.1	82-126				
1,1,1-Trichloroethane	8.42		"	10.0		84.2	78-136				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.29		"	10.0		92.9	54-165				
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123				
1,1-Dichloroethane	10.1		"	10.0		101	82-129				
1,1-Dichloroethylene	9.61		"	10.0		96.1	68-138				
1,2,3-Trichlorobenzene	8.77		"	10.0		87.7	76-136				
1,2,3-Trichloropropane	9.86		"	10.0		98.6	77-128				
1,2,4-Trichlorobenzene	8.66		"	10.0		86.6	76-137				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132				
1,2-Dibromo-3-chloropropane	7.89		"	10.0		78.9	45-147				
1,2-Dibromoethane	9.66		"	10.0		96.6	83-124				
1,2-Dichlorobenzene	9.77		"	10.0		97.7	79-123				
1,2-Dichloroethane	9.28		"	10.0		92.8	73-132				
1,2-Dichloropropane	11.9		"	10.0		119	78-126				
1,3,5-Trimethylbenzene	12.1		"	10.0		121	80-131				
1,3-Dichlorobenzene	9.82		"	10.0		98.2	86-122				
1,3-Dichloropropane	10.8		"	10.0		108	81-125				
1,4-Dichlorobenzene	9.53		"	10.0		95.3	85-124				
1,4-Dioxane	0.00		"	210			10-349	Low Bias			
2-Butanone	11.4		"	10.0		114	49-152				
2-Hexanone	9.90		"	10.0		99.0	51-146				
4-Methyl-2-pentanone	8.00		"	10.0		80.0	57-145				
Acetone	10.8		"	10.0		108	14-150				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50966 - EPA 5030B											
LCS (BF50966-BS1)								Prepared & Analyzed: 06/13/2025			
Acrolein	11.4		ug/L	10.0		114	10-153				
Acrylonitrile	10.8		"	10.0		108	51-150				
Benzene	10.9		"	10.0		109	85-126				
Bromochloromethane	9.90		"	10.0		99.0	77-128				
Bromodichloromethane	9.58		"	10.0		95.8	79-128				
Bromoform	7.97		"	10.0		79.7	78-133				
Bromomethane	4.39		"	10.0		43.9	43-168				
Carbon disulfide	9.50		"	10.0		95.0	68-146				
Carbon tetrachloride	8.36		"	10.0		83.6	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	8.88		"	10.0		88.8	65-136				
Chloroform	9.55		"	10.0		95.5	82-128				
Chloromethane	7.20		"	10.0		72.0	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	9.57		"	10.0		95.7	80-131				
Cyclohexane	5.26		"	10.0		52.6	63-149	Low Bias			
Dibromochloromethane	8.81		"	10.0		88.1	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	4.81		"	10.0		48.1	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	7.29		"	10.0		72.9	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl acetate	10.7		"	10.0		107	51-139				
Methyl tert-butyl ether (MTBE)	9.92		"	10.0		99.2	76-135				
Methylcyclohexane	10.7		"	10.0		107	72-143				
Methylene chloride	9.61		"	10.0		96.1	55-137				
Naphthalene	9.24		"	10.0		92.4	70-147				
n-Butylbenzene	10.2		"	10.0		102	79-132				
n-Propylbenzene	10.5		"	10.0		105	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	21.4		"	20.0		107	77-133				
p-Diethylbenzene	9.83		"	10.0		98.3	84-134				
p-Ethyltoluene	12.1		"	10.0		121	88-129				
p-Isopropyltoluene	10.0		"	10.0		100	81-136				
sec-Butylbenzene	10.1		"	10.0		101	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butyl alcohol (TBA)	54.5		"	50.0		109	25-162				
tert-Butylbenzene	8.64		"	10.0		86.4	77-138				
Tetrachloroethylene	8.51		"	10.0		85.1	82-131				
Toluene	10.9		"	10.0		109	80-127				
trans-1,2-Dichloroethylene	9.69		"	10.0		96.9	80-132				
trans-1,3-Dichloropropylene	9.56		"	10.0		95.6	78-131				
Trichloroethylene	10.0		"	10.0		100	82-128				
Trichlorofluoromethane	7.44		"	10.0		74.4	67-139				
Vinyl Chloride	8.51		"	10.0		85.1	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.66*		*"*	*10.0*		*96.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.65*		*"*	*10.0*		*96.5*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50966 - EPA 5030B											
LCS Dup (BF50966-BSD1)							Prepared & Analyzed: 06/13/2025				
1,1,1,2-Tetrachloroethane	9.49		ug/L	10.0		94.9	82-126		0.847	30	
1,1,1-Trichloroethane	8.62		"	10.0		86.2	78-136		2.35	30	
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116	76-129		8.67	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.13		"	10.0		91.3	54-165		1.74	30	
1,1,2-Trichloroethane	11.6		"	10.0		116	82-123		9.40	30	
1,1-Dichloroethane	10.0		"	10.0		100	82-129		0.698	30	
1,1-Dichloroethylene	9.59		"	10.0		95.9	68-138		0.208	30	
1,2,3-Trichlorobenzene	8.92		"	10.0		89.2	76-136		1.70	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		6.57	30	
1,2,4-Trichlorobenzene	8.61		"	10.0		86.1	76-137		0.579	30	
1,2,4-Trimethylbenzene	9.29		"	10.0		92.9	82-132		7.66	30	
1,2-Dibromo-3-chloropropane	8.82		"	10.0		88.2	45-147		11.1	30	
1,2-Dibromoethane	11.1		"	10.0		111	83-124		14.0	30	
1,2-Dichlorobenzene	9.55		"	10.0		95.5	79-123		2.28	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		11.1	30	
1,2-Dichloropropane	11.2		"	10.0		112	78-126		5.45	30	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131		9.94	30	
1,3-Dichlorobenzene	9.32		"	10.0		93.2	86-122		5.22	30	
1,3-Dichloropropane	11.6		"	10.0		116	81-125		7.49	30	
1,4-Dichlorobenzene	8.94		"	10.0		89.4	85-124		6.39	30	
1,4-Dioxane	0.00		"	210			10-349	Low Bias		30	
2-Butanone	14.3		"	10.0		143	49-152		22.3	30	
2-Hexanone	11.6		"	10.0		116	51-146		15.5	30	
4-Methyl-2-pentanone	9.86		"	10.0		98.6	57-145		20.8	30	
Acetone	13.2		"	10.0		132	14-150		20.1	30	
Acrolein	14.0		"	10.0		140	10-153		20.6	30	
Acrylonitrile	12.9		"	10.0		129	51-150		17.4	30	
Benzene	10.6		"	10.0		106	85-126		2.04	30	
Bromochloromethane	10.5		"	10.0		105	77-128		6.26	30	
Bromodichloromethane	10.0		"	10.0		100	79-128		4.29	30	
Bromoform	9.22		"	10.0		92.2	78-133		14.5	30	
Bromomethane	4.07		"	10.0		40.7	43-168	Low Bias	7.57	30	
Carbon disulfide	9.42		"	10.0		94.2	68-146		0.846	30	
Carbon tetrachloride	8.72		"	10.0		87.2	77-141		4.22	30	
Chlorobenzene	10.5		"	10.0		105	88-120		2.22	30	
Chloroethane	8.55		"	10.0		85.5	65-136		3.79	30	
Chloroform	9.77		"	10.0		97.7	82-128		2.28	30	
Chloromethane	6.78		"	10.0		67.8	43-155		6.01	30	
cis-1,2-Dichloroethylene	9.92		"	10.0		99.2	83-129		2.19	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131		4.79	30	
Cyclohexane	5.04		"	10.0		50.4	63-149	Low Bias	4.27	30	
Dibromochloromethane	10.2		"	10.0		102	80-130		14.6	30	
Dibromomethane	11.2		"	10.0		112	72-134		8.70	30	
Dichlorodifluoromethane	4.51		"	10.0		45.1	44-144		6.44	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		4.30	30	
Hexachlorobutadiene	5.12		"	10.0		51.2	67-146	Low Bias	35.0	30	Non-dir.
Isopropylbenzene	9.06		"	10.0		90.6	76-140		11.9	30	
Methyl acetate	13.1		"	10.0		131	51-139		19.9	30	
Methyl tert-butyl ether (MTBE)	11.7		"	10.0		117	76-135		16.8	30	
Methylcyclohexane	10.3		"	10.0		103	72-143		3.34	30	
Methylene chloride	9.82		"	10.0		98.2	55-137		2.16	30	

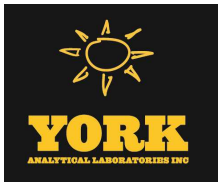
Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50966 - EPA 5030B											
LCS Dup (BF50966-BSD1)								Prepared & Analyzed: 06/13/2025			
Naphthalene	9.92		ug/L	10.0		99.2	70-147		7.10	30	
n-Butylbenzene	9.69		"	10.0		96.9	79-132		5.32	30	
n-Propylbenzene	9.45		"	10.0		94.5	78-133		10.6	30	
o-Xylene	10.5		"	10.0		105	78-130		2.50	30	
p- & m- Xylenes	20.5		"	20.0		102	77-133		4.34	30	
p-Diethylbenzene	9.24		"	10.0		92.4	84-134		6.19	30	
p-Ethyltoluene	11.0		"	10.0		110	88-129		9.94	30	
p-Isopropyltoluene	9.41		"	10.0		94.1	81-136		6.58	30	
sec-Butylbenzene	9.14		"	10.0		91.4	79-137		10.1	30	
Styrene	11.4		"	10.0		114	67-132		5.14	30	
tert-Butyl alcohol (TBA)	81.4		"	50.0		163	25-162	High Bias	39.7	30	Non-dir.
tert-Butylbenzene	7.91		"	10.0		79.1	77-138		8.82	30	
Tetrachloroethylene	8.51		"	10.0		85.1	82-131		0.00	30	
Toluene	10.6		"	10.0		106	80-127		2.70	30	
trans-1,2-Dichloroethylene	9.63		"	10.0		96.3	80-132		0.621	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		7.84	30	
Trichloroethylene	9.74		"	10.0		97.4	82-128		2.73	30	
Trichlorofluoromethane	7.26		"	10.0		72.6	67-139		2.45	30	
Vinyl Chloride	8.10		"	10.0		81.0	58-145		4.94	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.00*		*"*	*10.0*		*90.0*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50771 - EPA 1633 Prep											
Blank (BF50771-BLK1)											
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*12.9*		"	*23.3*		*55.4*	*25-150*				
Surrogate: M5PFHxA	*14.6*		"	*25.0*		*58.6*	*25-150*				
Surrogate: M4PFHpA	*27.0*		"	*25.0*		*108*	*25-150*				
Surrogate: M3PFHxS	*27.5*		"	*23.7*		*116*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.8*		"	*25.0*		*115*	*25-150*				
Surrogate: M6PFDA	*13.6*		"	*12.5*		*109*	*25-150*				
Surrogate: M7PFUdA	*12.8*		"	*12.5*		*102*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*9.65*		"	*12.5*		*77.2*	*25-150*				
Surrogate: M2PFTeDA	*8.13*		"	*12.5*		*65.0*	*10-150*				

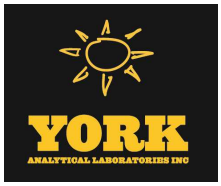
Prepared: 06/11/2025 Analyzed: 06/12/2025



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

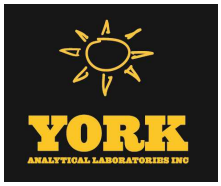
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50771 - EPA 1633 Prep											
Blank (BF50771-BLK1)								Prepared: 06/11/2025 Analyzed: 06/12/2025			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.34*		*ng/L*	*100*		*1.34*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.2*		*"*	*24.0*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.65*		*"*	*50.0*		*7.30*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.7*		*"*	*25.0*		*119*	*10-150*				
Surrogate: d3-N-MeFOSAA	*63.4*		*"*	*50.0*		*127*	*25-150*				
Surrogate: d5-N-EtFOSAA	*65.2*		*"*	*50.0*		*130*	*25-150*				
Surrogate: M2-6:2 FTS	*58.7*		*"*	*47.6*		*123*	*25-200*				
Surrogate: M2-8:2 FTS	*65.4*		*"*	*48.0*		*136*	*25-200*				
Surrogate: M9PFNA	*13.6*		*"*	*12.5*		*109*	*25-150*				
Surrogate: M2-4:2 FTS	*34.3*		*"*	*46.9*		*73.2*	*25-150*				
Surrogate: d-N-MeFOSA	*22.2*		*"*	*25.0*		*88.6*	*25-150*				
Surrogate: d-N-EtFOSA	*17.4*		*"*	*25.0*		*69.5*	*25-150*				
Surrogate: M3HFPO-DA	*58.8*		*"*	*100*		*58.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*186*		*"*	*250*		*74.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*205*		*"*	*250*		*81.9*	*25-150*				
LCS (BF50771-BS1)								Prepared: 06/11/2025 Analyzed: 06/12/2025			
Perfluorobutanesulfonic acid (PFBS)	37.1	1.77	ng/L	35.4		105	50-150				
Perfluorohexanoic acid (PFHxA)	39.8	2.00	"	40.0		99.5	50-150				
Perfluoroheptanoic acid (PFHpA)	37.4	2.00	"	40.0		93.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	37.0	1.83	"	36.6		101	50-150				
Perfluorooctanoic acid (PFOA)	43.9	2.00	"	40.0		110	50-150				
Perfluorooctanesulfonic acid (PFOS)	36.2	1.86	"	37.2		97.4	50-150				
Perfluorononanoic acid (PFNA)	42.9	2.00	"	40.0		107	50-150				
Perfluorodecanoic acid (PFDA)	45.3	2.00	"	40.0		113	50-150				
Perfluoroundecanoic acid (PFUnA)	40.9	2.00	"	40.0		102	50-150				
Perfluorododecanoic acid (PFDoA)	38.9	2.00	"	40.0		97.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	43.5	2.00	"	40.0		109	50-150				
Perfluorotetradecanoic acid (PFTA)	36.0	2.00	"	40.0		90.0	50-150				
N-MeFOSAA	40.6	2.00	"	40.0		101	50-150				
N-EtFOSAA	40.5	2.00	"	40.0		101	50-150				
Perfluoropentanoic acid (PFPeA)	81.0	4.00	"	80.0		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	43.1	2.00	"	40.0		108	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	39.4	1.91	"	38.2		103	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	35.2	1.93	"	38.6		91.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	151	7.60	"	152		99.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	159	7.68	"	154		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	40.6	8.00	"	160		25.4	50-150	Low Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	68.8	3.56	"	71.2		96.7	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	69.9	4.00	"	80.0		87.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.34	4.00	"	80.0		5.42	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	186	4.00	"	80.0		232	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	32.6	1.88	"	37.6		86.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	147	7.50	"	150		98.0	50-150				
HFPO-DA (Gen-X)	89.3	8.00	"	80.0		112	50-150				
11CL-PF3OUdS	127	7.56	"	75.6		168	50-150	High Bias			
9CL-PF3ONS	153	7.48	"	74.8		204	50-150	High Bias			
ADONA	152	7.56	"	75.6		201	50-150	High Bias			



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50771 - EPA 1633 Prep											
LCS (BF50771-BS1)								Prepared: 06/11/2025 Analyzed: 06/12/2025			
Perfluorododecanesulfonic acid (PFDoS)	29.1	1.94	ng/L	38.8		75.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	38.2	1.92	"	38.4		99.5	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	59.0	5.00	"	160		36.9	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	1210	25.0	"	800		152	50-150	High Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	1620	25.0	"	800		202	50-150	High Bias			
N-MeFOSE	366	20.0	"	400		91.4	50-150				
N-MeFOSA	42.0	2.00	"	40.0		105	50-150				
N-EtFOSE	354	20.0	"	400		88.4	50-150				
N-EtFOSA	35.6	2.00	"	40.0		89.0	50-150				
Surrogate: M3PFBS	*12.2*		*"*	*23.3*		*52.3*	*25-150*				
Surrogate: M5PFHxA	*15.0*		*"*	*25.0*		*60.0*	*25-150*				
Surrogate: M4PFHpA	*28.9*		*"*	*25.0*		*116*	*25-150*				
Surrogate: M3PFHxS	*29.0*		*"*	*23.7*		*123*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.5*		*"*	*25.0*		*118*	*25-150*				
Surrogate: M6PFDA	*14.7*		*"*	*12.5*		*118*	*25-150*				
Surrogate: M7PFUdA	*15.8*		*"*	*12.5*		*127*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.3*		*"*	*12.5*		*107*	*25-150*				
Surrogate: M2PFTeDA	*12.2*		*"*	*12.5*		*97.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.32*		*"*	*100*		*1.32*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.4*		*"*	*24.0*		*123*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.29*		*"*	*50.0*		*8.58*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.4*		*"*	*25.0*		*122*	*10-150*				
Surrogate: d3-N-MeFOSAA	*65.0*		*"*	*50.0*		*130*	*25-150*				
Surrogate: d5-N-EtFOSAA	*66.7*		*"*	*50.0*		*133*	*25-150*				
Surrogate: M2-6:2 FTS	*66.0*		*"*	*47.6*		*139*	*25-200*				
Surrogate: M2-8:2 FTS	*71.1*		*"*	*48.0*		*148*	*25-200*				
Surrogate: M9PFNA	*14.1*		*"*	*12.5*		*113*	*25-150*				
Surrogate: M2-4:2 FTS	*37.7*		*"*	*46.9*		*80.4*	*25-150*				
Surrogate: d-N-MeFOSA	*22.0*		*"*	*25.0*		*88.0*	*25-150*				
Surrogate: d-N-EtFOSA	*15.9*		*"*	*25.0*		*63.4*	*25-150*				
Surrogate: M3HFPO-DA	*55.3*		*"*	*100*		*55.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*204*		*"*	*250*		*81.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*207*		*"*	*250*		*82.9*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50771 - EPA 1633 Prep											
LCS (BF50771-BS2)								Prepared: 06/11/2025 Analyzed: 06/12/2025			
Perfluorobutanesulfonic acid (PFBS)	3.51	1.77	ng/L	3.54		99.1	50-150				
Perfluorohexanoic acid (PFHxA)	4.07	2.00	"	4.00		102	50-150				
Perfluoroheptanoic acid (PFHpA)	3.85	2.00	"	4.00		96.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.74	1.83	"	3.66		102	50-150				
Perfluorooctanoic acid (PFOA)	4.35	2.00	"	4.00		109	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.52	1.86	"	3.72		94.7	50-150				
Perfluorononanoic acid (PFNA)	4.85	2.00	"	4.00		121	50-150				
Perfluorodecanoic acid (PFDA)	4.33	2.00	"	4.00		108	50-150				
Perfluoroundecanoic acid (PFUnA)	3.75	2.00	"	4.00		93.8	50-150				
Perfluorododecanoic acid (PFDoA)	4.63	2.00	"	4.00		116	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.07	2.00	"	4.00		102	50-150				
Perfluorotetradecanoic acid (PFTA)	3.44	2.00	"	4.00		86.0	50-150				
N-MeFOSAA	3.81	2.00	"	4.00		95.2	50-150				
N-EtFOSAA	3.77	2.00	"	4.00		94.2	50-150				
Perfluoropentanoic acid (PFPeA)	8.43	4.00	"	8.00		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.25	2.00	"	4.00		106	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.95	1.91	"	3.82		103	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.35	1.93	"	3.86		86.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.0	7.60	"	15.2		105	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.3	7.68	"	15.4		99.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	5.92	8.00	"	16.0		37.0	50-150	Low Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.18	3.56	"	7.12		101	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.33	4.00	"	8.00		79.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.361	4.00	"	8.00		4.51	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	19.7	4.00	"	8.00		247	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	2.95	1.88	"	3.76		78.5	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	16.5	7.50	"	15.0		110	50-150				
HFPO-DA (Gen-X)	6.90	8.00	"	8.00		86.2	50-150				
11CL-PF3OUdS	14.7	7.56	"	7.56		194	50-150	High Bias			
9CL-PF3ONS	17.2	7.48	"	7.48		230	50-150	High Bias			
ADONA	16.1	7.56	"	7.56		213	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	3.22	1.94	"	3.88		82.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.48	1.92	"	3.84		90.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	6.27	5.00	"	16.0		39.2	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	125	25.0	"	80.0		156	50-150	High Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	176	25.0	"	80.0		220	50-150	High Bias			
N-MeFOSE	45.9	20.0	"	40.0		115	50-150				
N-MeFOSA	4.86	2.00	"	4.00		122	50-150				
N-EtFOSE	37.0	20.0	"	40.0		92.5	50-150				
N-EtFOSA	4.88	2.00	"	4.00		122	50-150				
Surrogate: M3PFBS	*11.2*		"	*23.3*		*48.0*	*25-150*				
Surrogate: M5PFHxA	*14.9*		"	*25.0*		*59.4*	*25-150*				
Surrogate: M4PFHpA	*29.5*		"	*25.0*		*118*	*25-150*				
Surrogate: M3PFHxS	*27.5*		"	*23.7*		*116*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.2*		"	*25.0*		*121*	*25-150*				
Surrogate: M6PFDA	*15.4*		"	*12.5*		*123*	*25-150*				
Surrogate: M7PFUdA	*16.0*		"	*12.5*		*128*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.8*		"	*12.5*		*94.6*	*25-150*				
Surrogate: M2PFTeDA	*11.3*		"	*12.5*		*90.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50771 - EPA 1633 Prep											
LCS (BF50771-BS2)									Prepared: 06/11/2025 Analyzed: 06/12/2025		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.35*		*ng/L*	*100*		*1.35*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.5*		*"*	*24.0*		*127*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.99*		*"*	*50.0*		*7.99*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.7*		*"*	*25.0*		*131*	*10-150*				
Surrogate: d3-N-MeFOSAA	*68.5*		*"*	*50.0*		*137*	*25-150*				
Surrogate: d5-N-EtFOSAA	*73.7*		*"*	*50.0*		*147*	*25-150*				
Surrogate: M2-6:2 FTS	*57.4*		*"*	*47.6*		*121*	*25-200*				
Surrogate: M2-8:2 FTS	*66.2*		*"*	*48.0*		*138*	*25-200*				
Surrogate: M9PFNA	*14.8*		*"*	*12.5*		*118*	*25-150*				
Surrogate: M2-4:2 FTS	*32.0*		*"*	*46.9*		*68.2*	*25-150*				
Surrogate: d-N-MeFOSA	*24.1*		*"*	*25.0*		*96.4*	*25-150*				
Surrogate: d-N-EtFOSA	*13.8*		*"*	*25.0*		*55.2*	*25-150*				
Surrogate: M3HFPO-DA	*55.5*		*"*	*100*		*55.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*228*		*"*	*250*		*91.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*241*		*"*	*250*		*96.2*	*25-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50707 - EPA 3015A											
Blank (BF50707-BLK1)											Prepared & Analyzed: 06/11/2025
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BF50707-BS1)											Prepared & Analyzed: 06/11/2025
Aluminum	2.09		ug/mL	2.00		104	80-120				
Barium	1.93		"	2.00		96.7	80-120				
Calcium	1.14		"	1.00		114	80-120				
Chromium	0.196		"	0.200		98.1	80-120				
Cobalt	0.490		"	0.500		98.1	80-120				
Copper	0.253		"	0.250		101	80-120				
Iron	1.00		"	1.00		100	80-120				
Lead	0.498		"	0.500		99.6	80-120				
Magnesium	1.05		"	1.00		105	80-120				
Manganese	0.503		"	0.500		101	80-120				
Nickel	0.502		"	0.500		100	80-120				
Potassium	0.987		"	1.00		98.7	80-120				
Silver	0.0510		"	0.0500		102	80-120				
Sodium	1.02		"	1.00		102	80-120				
Vanadium	0.492		"	0.500		98.4	80-120				
Zinc	0.464		"	0.500		92.7	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50788 - EPA 3015A											
Blank (BF50788-BLK1)											Prepared: 06/11/2025 Analyzed: 06/12/2025
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BF50788-BS1)											Prepared: 06/11/2025 Analyzed: 06/12/2025
Aluminum - Dissolved	2.11		ug/mL	2.00		106	80-120				
Barium - Dissolved	2.01		"	2.00		100	80-120				
Calcium - Dissolved	1.23		"	1.00		123	80-120	High Bias			
Chromium - Dissolved	0.203		"	0.200		102	80-120				
Cobalt - Dissolved	0.508		"	0.500		102	80-120				
Copper - Dissolved	0.264		"	0.250		106	80-120				
Iron - Dissolved	1.00		"	1.00		100	80-120				
Lead - Dissolved	0.500		"	0.500		100	80-120				
Magnesium - Dissolved	1.06		"	1.00		106	80-120				
Manganese - Dissolved	0.522		"	0.500		104	80-120				
Nickel - Dissolved	0.516		"	0.500		103	80-120				
Potassium - Dissolved	1.09		"	1.00		109	80-120				
Silver - Dissolved	0.0467		"	0.0500		93.4	80-120				
Sodium - Dissolved	1.14		"	1.00		114	80-120				
Vanadium - Dissolved	0.504		"	0.500		101	80-120				
Zinc - Dissolved	0.495		"	0.500		99.0	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50709 - EPA 3015A											
Blank (BF50709-BLK1)								Prepared & Analyzed: 06/11/2025			
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BF50709-BS1)								Prepared & Analyzed: 06/11/2025			
Antimony	61.7		ug/L	50.0		123	80-120	High Bias			
Arsenic	50.6		"	50.0		101	80-120				
Beryllium	52.5		"	50.0		105	80-120				
Cadmium	61.9		"	50.0		124	80-120	High Bias			
Selenium	47.3		"	50.0		94.6	80-120				
Thallium	53.9		"	50.0		108	80-120				
Batch BF50723 - EPA 3015A											
Blank (BF50723-BLK1)								Prepared: 06/11/2025 Analyzed: 06/12/2025			
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BF50723-BS1)								Prepared: 06/11/2025 Analyzed: 06/12/2025			
Antimony - Dissolved	48.2		ug/L	50.0		96.3	80-120				
Arsenic - Dissolved	45.4		"	50.0		90.7	80-120				
Beryllium - Dissolved	50.9		"	50.0		102	80-120				
Cadmium - Dissolved	50.0		"	50.0		100	80-120				
Selenium - Dissolved	48.7		"	50.0		97.4	80-120				
Thallium - Dissolved	45.4		"	50.0		90.8	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50621 - Analysis Preparation											
Blank (BF50621-BLK1)								Prepared & Analyzed: 06/09/2025			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BF50621-BS1)								Prepared & Analyzed: 06/09/2025			
Chromium, Hexavalent	0.440	0.0100	mg/L	0.500		87.9	85-115				
Duplicate (BF50621-DUP1)	*Source sample: 25F0562-01 (MW-6)							Prepared & Analyzed: 06/09/2025			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BF50621-MS1)	*Source sample: 25F0562-01 (MW-6)							Prepared & Analyzed: 06/09/2025			
Chromium, Hexavalent	0.540	0.0100	mg/L	0.500	ND	108	85-115				
Matrix Spike Dup (BF50621-MSD1)	*Source sample: 25F0562-01 (MW-6)							Prepared & Analyzed: 06/09/2025			
Chromium, Hexavalent	0.533	0.0100	mg/L	0.500	ND	107	85-115		1.32	200	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25F0562-03	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to remove Mercury.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

YORK Project Number: 25F0562

Page _____ of _____

Report To:
Company: Velocita Consulting
Address: 37 W. 37th St, 9th Fl
NY, NY 10018
Phone.: 347-871-0750
Contact: Engr Velocita
E-mail: Engr@velocita Dillon@velocita

Invoice To:
Company:
Address:
Phone.:
Contact:
E-mail: AP@velocita

YOUR Project Name / Number: 32-20 38th Avenue Queens

PO Number:

Samples Collected From: NY ✓ | NJ | CT | PA | Other: (please specify)

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day)
- PFAS Standard 7-10 Day X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Dan Dillon

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil | Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	Total + Dissolved Metals	PFAS 1633	PCB 1668	Hg + Trimercurion	Grab or Comp.
MW-6	6/9/25	1056	GW				1							X	X	X	X	G/C

Report Type (circle)
- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)
- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)
Togs

- Field Filtered
- Lab Filtered X

Comments: Ice in Cooler

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N | Containers Intact: Y / N | COC/Labels Agree: Y / N | Preservation Confirmed: Y / N
COC Complete: Y / N | COC Received: Y / N | Appropriate Sample Volumes: Y / N | Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N | Samples Submitted within Holding Times: Y / N | Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Velocita, Date/Time: 6/9/25 1230	1. Samples Received by / Company: YORK, Date/Time: 6/9/25 1231 PM	2. Samples Relinquished by / Company: YORK, Date/Time: 6/9/25 1230
2. Samples Received by / Company: YORK, Date/Time: 6/9/25 1230 3.0°C	3. Samples Relinquished by / Company: YORK, Date/Time: 6/9/25 420PM	3. Samples Received by / Company: KBuhrark, Date/Time: 6/9/25 420PM
4. Samples Relinquished by / Company: KBuhrark, Date/Time: 6/9/25 19:45	4. Samples Received by / Company: Date/Time:	Samples Received in LAB by: Date/Time: 6/9/25 19:45, Temperature: 3.2 Degrees C

Technical Report

prepared for:

Vektor Consultants
555 8th Avenue Suite 2302
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 02/18/2026
Client Project ID: 32-10 38th Ave
Project (SDG) No.: 26B0519

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.alsglobal.com/usaenviro (203) 325-1371 FAX (203) 357-0166 nastr.clientservices@alsglobal.com

Report Date: 02/18/2026
Client Project ID: 32-10 38th Ave
Project (SDG) No.: 26B0519

Vektor Consultants
555 8th Avenue Suite 2302
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 12, 2026 and listed below. The project was identified as your project: **32-10 38th Ave**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

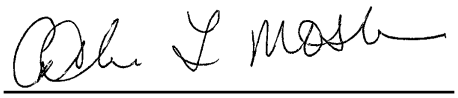
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26B0519-01	26MW-1	Ground Water	02/11/2026	02/12/2026
26B0519-02	FB	Ground Water	02/11/2026	02/12/2026
26B0519-03	Trip Blank	Ground Water	02/11/2026	02/12/2026

General Notes for Project (SDG) No.: 26B0519

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. ALS' liability for the above data is limited to the dollar value paid to ALS for the referenced project.
4. This report shall not be reproduced without the written approval of ALS, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by ALS.
8. Analyses conducted at ALS, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at ALS, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Cassie Mosher
Laboratory Manager - Stratford

Date: 02/18/2026

Sample Information

Client Sample ID: 26MW-1 **Sample ID:** 26B0519-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:45 pm	02/12/2026

VOA, 8260 LOW MASTER **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

Sample Information

Client Sample ID: 26MW-1 **Sample ID:** 26B0519-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:45 pm	02/12/2026

VOA, 8260 LOW MASTER

Log-in Notes: PRES **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**3.77**	CCVE, ICVE, QL-02	ug/L	0.421	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
591-78-6	**2-Hexanone**	**7.36**	CCVE, ICVE, QL-02	ug/L	0.320	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-10-1	**4-Methyl-2-pentanone**	**1.14**	CCVE, ICVE, QL-02	ug/L	0.365	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-64-1	**Acetone**	**34.9**	CCVE, ICVE, QL-02	ug/L	1.34	2.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6		
75-27-4	**Bromodichloromethane**	**0.370**	J	ug/L	0.245	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-66-3	**Chloroform**	**7.53**		ug/L	0.243	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6		

Sample Information

Client Sample ID: 26MW-1 **Sample ID:** 26B0519-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:45 pm	02/12/2026

VOA, 8260 LOW MASTER **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY12058,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	ICVE, QL-02	ug/L	0.244	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
75-09-2	Methylene chloride	ND	CCVE	ug/L	0.397	2.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		

Sample Information

Client Sample ID: 26MW-1 **Sample ID:** 26B0519-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:45 pm	02/12/2026

VOA, 8260 LOW MASTER

Log-in Notes: PRES **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	02/13/2026 08:00	02/13/2026 17:44	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		

Sample Information

Client Sample ID: 26MW-1 **Sample ID:** 26B0519-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:45 pm	02/12/2026

SVOA, 8270 LOW MASTER **Log-in Notes:** PRES **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	* 2,4-Dinitrophenol	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
91-58-7	2-Chloronaphthalene	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
95-57-8	2-Chlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
91-57-6	2-Methylnaphthalene	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
95-48-7	2-Methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
88-74-4	2-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
88-75-5	2-Nitrophenol	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
65794-96-9	* 3- & 4-Methylphenols	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
106-47-8	4-Chloroaniline	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
100-01-6	4-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
100-02-7	4-Nitrophenol	ND		ug/L	6.25	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
98-86-2	Acetophenone	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: 26MW-1 **Sample ID:** 26B0519-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:45 pm	02/12/2026

SVOA, 8270 LOW MASTER **Log-in Notes:** PRES **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
105-60-2	Caprolactam	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
84-66-2	Diethyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
131-11-3	Dimethyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.25	12.5	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
78-59-1	Isophorone	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
108-95-2	Phenol	ND		ug/L	0.938	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
2312-35-8	* Propargite	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:			
110-86-1	Pyridine	ND		ug/L	3.12	6.25	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:15	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.6 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*33.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*46.6 %*	*30.7-106*

Sample Information

Client Sample ID: 26MW-1 **Sample ID:** 26B0519-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:45 pm	02/12/2026

SVOA, 8270 SIM MASTER **Log-in Notes:** PRES **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
208-96-8	Acenaphthylene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
120-12-7	* Anthracene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications:			
1912-24-9	* Atrazine	ND		ug/L	0.625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
206-44-0	Fluoranthene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
86-73-7	Fluorene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
118-74-1	* Hexachlorobenzene	ND		ug/L	0.0250	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications:			
87-68-3	* Hexachlorobutadiene	ND		ug/L	0.625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications:			
67-72-1	* Hexachloroethane	ND		ug/L	0.625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
91-20-3	Naphthalene	ND		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
98-95-3	* Nitrobenzene	ND	CCVE, ICVE	ug/L	0.312	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications:			
62-75-9	* N-Nitrosodimethylamine	ND	QL-02	ug/L	0.625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications:			

Sample Information

Client Sample ID: 26MW-1 **Sample ID:** 26B0519-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:45 pm	02/12/2026

SVOA, 8270 SIM MASTER

Log-in Notes: PRES **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	* Pentachlorophenol	ND	CCVE	ug/L	0.312	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications:			
85-01-8	**Phenanthrene**	**0.0758**		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
129-00-0	**Pyrene**	**0.0642**		ug/L	0.0625	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 13:58	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Metals, Target Analyte, ICP

Log-in Notes: PRES **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1490**		mg/L	0.556	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-39-3	**Barium**	**9.95**		mg/L	0.0278	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-70-2	**Calcium**	**4420**		mg/L	5.56	10	EPA 6010D	02/17/2026 09:17	02/17/2026 14:05	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-47-3	**Chromium**	**3.14**		mg/L	0.00556	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-48-4	**Cobalt**	**1.49**		mg/L	0.00444	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-50-8	**Copper**	**5.95**		mg/L	0.0222	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7439-89-6	**Iron**	**3340**		mg/L	13.9	50	EPA 6010D	02/17/2026 09:17	02/17/2026 14:06	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7439-92-1	**Lead**	**1.04**		mg/L	0.00667	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7439-95-4	**Magnesium**	**2040**		mg/L	0.0667	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7439-96-5	**Manganese**	**49.4**		mg/L	0.00556	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-02-0	**Nickel**	**2.84**		mg/L	0.0111	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-09-7	**Potassium**	**507**		mg/L	11.1	10	EPA 6010D	02/17/2026 09:17	02/17/2026 14:05	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7782-49-2	*** Selenium**	**0.133**		mg/L	0.0278	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications: CTDPH-PH-0840,PADEP-68-04440			
7440-22-4	**Silver**	**0.0123**		mg/L	0.00667	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-23-5	**Sodium**	**404**		mg/L	1.11	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			

Sample Information

Client Sample ID: 26MW-1 **Sample ID:** 26B0519-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:45 pm	02/12/2026

Metals, Target Analyte, ICP

Log-in Notes: PRES **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	**Vanadium**	**3.22**		mg/L	0.0111	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-66-6	**Zinc**	**6.85**		mg/L	0.0278	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:37	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Metals, Target Analyte, ICPMS

Log-in Notes: PRES **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	02/18/2026 08:30	02/18/2026 12:38	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-38-2	**Arsenic**	**101**		ug/L	1.11	1	EPA 6020B	02/18/2026 08:30	02/18/2026 12:38	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	02/18/2026 08:30	02/18/2026 12:38	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-43-9	**Cadmium**	**11.9**		ug/L	0.556	1	EPA 6020B	02/18/2026 08:30	02/18/2026 12:38	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-28-0	**Thallium**	**5.27**		ug/L	1.11	1	EPA 6020B	02/18/2026 08:30	02/18/2026 12:38	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Mercury by 7470/7471

Log-in Notes: PRES **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/17/2026 08:04	02/17/2026 08:04	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		

Metals, Target Analyte, ICP Dissolved

Log-in Notes: PRES **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.833	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-39-3	**Barium**	**0.112**		mg/L	0.0417	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-70-2	**Calcium**	**313**		mg/L	0.833	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-47-3	**Chromium**	**0.0130**		mg/L	0.00833	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-48-4	Cobalt	ND		mg/L	0.00667	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: 26MW-1 **Sample ID:** 26B0519-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:45 pm	02/12/2026

Metals, Target Analyte, ICP Dissolved

Log-in Notes: PRES **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0333	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-89-6	**Iron**	**0.656**		mg/L	0.417	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-92-1	Lead	ND		mg/L	0.0100	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-95-4	**Magnesium**	**101**		mg/L	0.100	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-96-5	**Manganese**	**0.0315**		mg/L	0.00833	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-02-0	Nickel	ND		mg/L	0.0167	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-09-7	**Potassium**	**12.6**		mg/L	1.67	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7782-49-2	* Selenium	ND		mg/L	0.0417	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840		
7440-22-4	Silver	ND		mg/L	0.0100	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-23-5	**Sodium**	**385**		mg/L	1.67	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-62-2	Vanadium	ND		mg/L	0.0167	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-66-6	Zinc	ND		mg/L	0.0417	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:32	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: PRES **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.67	1	EPA 6020B	02/18/2026 11:35	02/18/2026 14:37	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-38-2	Arsenic	ND		ug/L	1.67	1	EPA 6020B	02/18/2026 11:35	02/18/2026 14:37	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-41-7	Beryllium	ND		ug/L	0.500	1	EPA 6020B	02/18/2026 11:35	02/18/2026 14:37	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-43-9	Cadmium	ND		ug/L	0.833	1	EPA 6020B	02/18/2026 11:35	02/18/2026 14:37	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-28-0	Thallium	ND		ug/L	1.67	1	EPA 6020B	02/18/2026 11:35	02/18/2026 14:37	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Mercury, Dissolved

Log-in Notes: PRES **Sample Notes:**

Sample Information

Client Sample ID: 26MW-1 **Sample ID:** 26B0519-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:45 pm	02/12/2026

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/17/2026 08:10	02/17/2026 08:10	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: FB

Sample ID: 26B0519-02

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:50 pm	02/12/2026

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

Sample Information

Client Sample ID: **FB** **Sample ID:** **26B0519-02**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:50 pm	02/12/2026

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-64-1	**Acetone**	**3.03**	CCVE, ICVE, QL-02	ug/L	1.34	2.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6		
75-27-4	**Bromodichloromethane**	**0.460**	J	ug/L	0.245	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-66-3	**Chloroform**	**30.3**		ug/L	0.243	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6		

Sample Information

Client Sample ID: FB

Sample ID: 26B0519-02

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:50 pm	02/12/2026

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY12058,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	ICVE, QL-02	ug/L	0.244	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
75-09-2	Methylene chloride	ND	CCVE	ug/L	0.397	2.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

Sample Information

Client Sample ID: FB **Sample ID:** 26B0519-02

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:50 pm	02/12/2026

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	02/13/2026 08:00	02/13/2026 14:17	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	NYSDOH-NY10854,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
51-28-5	* 2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		

Sample Information

Client Sample ID: FB **Sample ID:** 26B0519-02

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:50 pm	02/12/2026

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
65794-96-9	* 3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		

Sample Information

Client Sample ID: FB

Sample ID: 26B0519-02

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:50 pm	02/12/2026

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0		
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E	02/15/2026 13:00	02/16/2026 13:49	ak
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*19.2 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*10.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*41.8 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*46.9 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: FB **Sample ID:** 26B0519-02

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:50 pm	02/12/2026

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
120-12-7	* Anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications:			
1912-24-9	* Atrazine	ND		ug/L	0.500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
118-74-1	* Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications:			
87-68-3	* Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications:			
67-72-1	* Hexachloroethane	ND		ug/L	0.500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
98-95-3	* Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications:			
62-75-9	* N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications:			
87-86-5	* Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications:			

Sample Information

Client Sample ID: **FB** **Sample ID:** **26B0519-02**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:50 pm	02/12/2026

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM	02/15/2026 13:00	02/16/2026 14:29	SR
							Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005			

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.807**		mg/L	0.556	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-70-2	**Calcium**	**1.55**		mg/L	0.556	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7439-89-6	**Iron**	**0.403**		mg/L	0.278	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7439-92-1	Lead	ND		mg/L	0.00667	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7439-95-4	**Magnesium**	**0.872**		mg/L	0.0667	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7439-96-5	**Manganese**	**0.00856**		mg/L	0.00556	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-09-7	Potassium	ND		mg/L	1.11	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7782-49-2	* Selenium	ND		mg/L	0.0278	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00667	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-23-5	Sodium	ND		mg/L	1.11	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0			

Sample Information

Client Sample ID: FB **Sample ID:** 26B0519-02

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:50 pm	02/12/2026

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	02/17/2026 09:17	02/17/2026 13:38	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	02/18/2026 08:30	02/18/2026 12:40	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	02/18/2026 08:30	02/18/2026 12:40	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	02/18/2026 08:30	02/18/2026 12:40	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	02/18/2026 08:30	02/18/2026 12:40	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	02/18/2026 08:30	02/18/2026 12:40	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/17/2026 08:04	02/17/2026 08:04	DBT
							Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.556	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-70-2	Calcium	ND		mg/L	0.556	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: **FB** **Sample ID:** **26B0519-02**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:50 pm	02/12/2026

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-92-1	Lead	ND		mg/L	0.00667	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-95-4	Magnesium	ND		mg/L	0.0667	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-09-7	Potassium	ND		mg/L	1.11	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7782-49-2	* Selenium	ND		mg/L	0.0278	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840		
7440-22-4	Silver	ND		mg/L	0.00667	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-23-5	Sodium	ND		mg/L	1.11	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	02/18/2026 11:19	02/18/2026 14:34	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	02/18/2026 11:35	02/18/2026 14:39	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	02/18/2026 11:35	02/18/2026 14:39	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	02/18/2026 11:35	02/18/2026 14:39	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	02/18/2026 11:35	02/18/2026 14:39	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	02/18/2026 11:35	02/18/2026 14:39	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **FB** **Sample ID:** **26B0519-02**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 5:50 pm	02/12/2026

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/17/2026 08:10	02/17/2026 08:10	DBT
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: **Trip Blank** **Sample ID:** **26B0519-03**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 12:00 am	02/12/2026

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

Sample Information

Client Sample ID: **Trip Blank** **Sample ID:** **26B0519-03**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 12:00 am	02/12/2026

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-64-1	**Acetone**	**7.10**	CCVE, ICVE, QL-02	ug/L	1.34	2.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6		

Sample Information

Client Sample ID: **Trip Blank** **Sample ID:** **26B0519-03**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 12:00 am	02/12/2026

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY12058,PADEP-68-04440		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	ICVE, QL-02	ug/L	0.244	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
75-09-2	Methylene chloride	ND	CCVE	ug/L	0.397	2.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

Sample Information

Client Sample ID: **Trip Blank** **Sample ID:** **26B0519-03**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0519	32-10 38th Ave	Ground Water	February 11, 2026 12:00 am	02/12/2026

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	02/13/2026 08:00	02/13/2026 12:49	THD
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

Analytical Batch Summary

Batch ID: BB60750 **Preparation Method:** EPA 5030B **Prepared By:** THD

Sample ID	Client Sample ID	Preparation Date
26B0519-01	26MW-1	02/13/26
26B0519-02	FB	02/13/26
26B0519-03	Trip Blank	02/13/26
BB60750-BLK1	Blank	02/13/26
BB60750-BS1	LCS	02/13/26
BB60750-BSD1	LCS Dup	02/13/26

Batch ID: BB60793 **Preparation Method:** EPA 3510C **Prepared By:** DD

Sample ID	Client Sample ID	Preparation Date
26B0519-01	26MW-1	02/15/26
26B0519-02	FB	02/15/26
BB60793-BLK1	Blank	02/15/26
BB60793-BS1	LCS	02/15/26
BB60793-BSD1	LCS Dup	02/15/26

Batch ID: BB60794 **Preparation Method:** EPA 3510C **Prepared By:** DD

Sample ID	Client Sample ID	Preparation Date
26B0519-01	26MW-1	02/15/26
26B0519-02	FB	02/15/26
BB60794-BLK2	Blank	02/15/26
BB60794-BS2	LCS	02/15/26

Batch ID: BB60882 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

Sample ID	Client Sample ID	Preparation Date
26B0519-01	26MW-1	02/17/26
26B0519-02	FB	02/17/26
BB60882-BLK1	Blank	02/17/26
BB60882-BS1	LCS	02/17/26

Batch ID: BB60885 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

Sample ID	Client Sample ID	Preparation Date
26B0519-01	26MW-1	02/17/26
26B0519-02	FB	02/17/26
BB60885-BLK1	Blank	02/17/26
BB60885-BS1	LCS	02/17/26
BB60885-MS1	Matrix Spike	02/17/26
BB60885-MSD1	Matrix Spike Dup	02/17/26

Batch ID: BB60904 **Preparation Method:** EPA 3015A **Prepared By:** JWT

Sample ID	Client Sample ID	Preparation Date
26B0519-01	26MW-1	02/17/26
26B0519-01RE1	26MW-1	02/17/26
26B0519-01RE2	26MW-1	02/17/26
26B0519-02	FB	02/17/26
BB60904-BLK1	Blank	02/17/26
BB60904-BS1	LCS	02/17/26
BB60904-SRL1	Dilution Check	02/17/26

Batch ID: BB60961 **Preparation Method:** EPA 3015A **Prepared By:** JWT

Sample ID	Client Sample ID	Preparation Date
26B0519-01	26MW-1	02/18/26
26B0519-02	FB	02/18/26
BB60961-BLK1	Blank	02/18/26
BB60961-BS1	LCS	02/18/26
BB60961-SRL1	Dilution Check	02/18/26

Batch ID: BB60988 **Preparation Method:** EPA 3015A **Prepared By:** JWT

Sample ID	Client Sample ID	Preparation Date
26B0519-01	26MW-1	02/18/26
26B0519-02	FB	02/18/26
BB60988-BLK1	Blank	02/18/26
BB60988-BS1	LCS	02/18/26
BB60988-SRL1	Dilution Check	02/18/26

Batch ID: BB60989 **Preparation Method:** EPA 3015A **Prepared By:** JWT

Sample ID	Client Sample ID	Preparation Date
26B0519-01	26MW-1	02/18/26
26B0519-02	FB	02/18/26
BB60989-BLK1	Blank	02/18/26
BB60989-BS1	LCS	02/18/26
BB60989-SRL1	Dilution Check	02/18/26

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60750 - EPA 5030B											
Blank (BB60750-BLK1)									Prepared & Analyzed: 02/13/2026		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60750 - EPA 5030B											
Blank (BB60750-BLK1)								Prepared & Analyzed: 02/13/2026			
Methylene chloride	ND	2.00	ug/L								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*79-122*				
LCS (BB60750-BS1)								Prepared & Analyzed: 02/13/2026			
1,1,1,2-Tetrachloroethane	9.90		ug/L	10.0		99.0	82-126				
1,1,1-Trichloroethane	11.8		"	10.0		118	78-136				
1,1,2,2-Tetrachloroethane	8.05		"	10.0		80.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6	0.500	"				54-165				
1,1,2-Trichloroethane	8.97		"	10.0		89.7	82-123				
1,1-Dichloroethane	10.9		"	10.0		109	82-129				
1,1-Dichloroethylene	11.6		"	10.0		116	68-138				
1,2,3-Trichlorobenzene	8.42		"	10.0		84.2	76-136				
1,2,3-Trichloropropane	8.19		"	10.0		81.9	77-128				
1,2,4-Trichlorobenzene	9.05		"	10.0		90.5	76-137				
1,2,4-Trimethylbenzene	11.5		"	10.0		115	82-132				
1,2-Dibromo-3-chloropropane	7.44		"	10.0		74.4	45-147				
1,2-Dibromoethane	9.06		"	10.0		90.6	83-124				
1,2-Dichlorobenzene	9.47		"	10.0		94.7	79-123				
1,2-Dichloroethane	9.49		"	10.0		94.9	73-132				
1,2-Dichloropropane	10.1		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	11.8		"	10.0		118	80-131				
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122				
1,3-Dichloropropane	9.15		"	10.0		91.5	81-125				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
2-Butanone	51.0		"	10.0		510	49-152	High Bias			
2-Hexanone	31.6		"	10.0		316	51-146	High Bias			
4-Methyl-2-pentanone	34.8		"	10.0		348	57-145	High Bias			
Acetone	36.3		"	10.0		363	14-150	High Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60750 - EPA 5030B											
LCS (BB60750-BS1)								Prepared & Analyzed: 02/13/2026			
Acrolein	32.1		ug/L	40.0		80.3	10-153				
Acrylonitrile	9.77		"	10.0		97.7	51-150				
Benzene	11.0		"	10.0		110	85-126				
Bromochloromethane	9.31		"	10.0		93.1	77-128				
Bromodichloromethane	9.81		"	10.0		98.1	79-128				
Bromoform	7.73		"	10.0		77.3	78-133	Low Bias			
Bromomethane	10.9		"	10.0		109	43-168				
Carbon disulfide	11.0		"	10.0		110	68-146				
Carbon tetrachloride	11.4		"	10.0		114	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	15.0		"	10.0		150	65-136	High Bias			
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	8.99		"	10.0		89.9	43-155				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Cyclohexane	12.1		"	10.0		121	63-149				
Dibromochloromethane	8.81		"	10.0		88.1	80-130				
Dibromomethane	9.19		"	10.0		91.9	72-134				
Dichlorodifluoromethane	6.60		"	10.0		66.0	44-144				
Ethyl Benzene	11.6		"	10.0		116	80-131				
Hexachlorobutadiene	12.0		"	10.0		120	67-146				
Isopropylbenzene	12.4		"	10.0		124	76-140				
Methyl acetate	8.24		"	10.0		82.4	51-139				
Methyl tert-butyl ether (MTBE)	8.44		"	20.0		42.2	76-135	Low Bias			
Methylcyclohexane	11.9		"	10.0		119	72-143				
Methylene chloride	7.46		"	10.0		74.6	55-137				
Naphthalene	8.06		"	10.0		80.6	70-147				
n-Butylbenzene	10.4		"	10.0		104	79-132				
n-Propylbenzene	12.2		"	10.0		122	78-133				
o-Xylene	11.5		"	10.0		115	78-130				
p- & m- Xylenes	23.0		"	20.0		115	77-133				
p-Diethylbenzene	12.6		"	10.0		126	84-134				
p-Ethyltoluene	12.3		"	10.0		123	88-129				
p-Isopropyltoluene	13.0		"	10.0		130	81-136				
sec-Butylbenzene	12.6		"	10.0		126	79-137				
Styrene	11.0		"	10.0		110	67-132				
tert-Butyl alcohol (TBA)	46.4		"	50.0		92.8	25-162				
tert-Butylbenzene	10.7		"	10.0		107	77-138				
Tetrachloroethylene	10.4		"	10.0		104	82-131				
Toluene	11.3		"	10.0		113	80-127				
trans-1,2-Dichloroethylene	11.9		"	10.0		119	80-132				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131				
Trichloroethylene	11.3		"	10.0		113	82-128				
Trichlorofluoromethane	12.4		"	10.0		124	67-139				
Vinyl Chloride	10.4		"	10.0		104	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.97*		*"*	*10.0*		*89.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.8*		*"*	*10.0*		*108*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.6*		*"*	*10.0*		*116*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60750 - EPA 5030B											
LCS Dup (BB60750-BSD1)								Prepared & Analyzed: 02/13/2026			
1,1,1,2-Tetrachloroethane	9.79		ug/L	10.0		97.9	82-126		1.12	30	
1,1,1-Trichloroethane	10.9		"	10.0		109	78-136		7.95	30	
1,1,2,2-Tetrachloroethane	8.73		"	10.0		87.3	76-129		8.10	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6	0.500	"				54-165		8.15	30	
1,1,2-Trichloroethane	9.57		"	10.0		95.7	82-123		6.47	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		5.96	30	
1,1-Dichloroethylene	10.7		"	10.0		107	68-138		8.23	30	
1,2,3-Trichlorobenzene	8.74		"	10.0		87.4	76-136		3.73	30	
1,2,3-Trichloropropane	8.75		"	10.0		87.5	77-128		6.61	30	
1,2,4-Trichlorobenzene	9.08		"	10.0		90.8	76-137		0.331	30	
1,2,4-Trimethylbenzene	9.92		"	10.0		99.2	82-132		15.0	30	
1,2-Dibromo-3-chloropropane	8.30		"	10.0		83.0	45-147		10.9	30	
1,2-Dibromoethane	9.91		"	10.0		99.1	83-124		8.96	30	
1,2-Dichlorobenzene	9.06		"	10.0		90.6	79-123		4.43	30	
1,2-Dichloroethane	10.2		"	10.0		102	73-132		7.21	30	
1,2-Dichloropropane	9.70		"	10.0		97.0	78-126		3.64	30	
1,3,5-Trimethylbenzene	9.96		"	10.0		99.6	80-131		17.0	30	
1,3-Dichlorobenzene	9.25		"	10.0		92.5	86-122		10.7	30	
1,3-Dichloropropane	9.79		"	10.0		97.9	81-125		6.76	30	
1,4-Dichlorobenzene	9.29		"	10.0		92.9	85-124		8.75	30	
2-Butanone	51.8		"	10.0		518	49-152	High Bias	1.50	30	
2-Hexanone	42.8		"	10.0		428	51-146	High Bias	30.1	30	Non-dir.
4-Methyl-2-pentanone	44.3		"	10.0		443	57-145	High Bias	23.9	30	
Acetone	44.6		"	10.0		446	14-150	High Bias	20.6	30	
Acrolein	37.4		"	40.0		93.4	10-153		15.1	30	
Acrylonitrile	10.8		"	10.0		108	51-150		9.92	30	
Benzene	10.4		"	10.0		104	85-126		5.78	30	
Bromochloromethane	9.77		"	10.0		97.7	77-128		4.82	30	
Bromodichloromethane	9.77		"	10.0		97.7	79-128		0.409	30	
Bromoform	8.73		"	10.0		87.3	78-133		12.2	30	
Bromomethane	10.8		"	10.0		108	43-168		1.29	30	
Carbon disulfide	10.1		"	10.0		101	68-146		9.38	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		9.17	30	
Chlorobenzene	9.82		"	10.0		98.2	88-120		5.45	30	
Chloroethane	14.6		"	10.0		146	65-136	High Bias	2.63	30	
Chloroform	10.1		"	10.0		101	82-128		3.80	30	
Chloromethane	8.47		"	10.0		84.7	43-155		5.96	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		3.57	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131		0.298	30	
Cyclohexane	11.0		"	10.0		110	63-149		9.52	30	
Dibromochloromethane	9.33		"	10.0		93.3	80-130		5.73	30	
Dibromomethane	9.99		"	10.0		99.9	72-134		8.34	30	
Dichlorodifluoromethane	5.99		"	10.0		59.9	44-144		9.69	30	
Ethyl Benzene	10.7		"	10.0		107	80-131		8.78	30	
Hexachlorobutadiene	10.1		"	10.0		101	67-146		17.4	30	
Isopropylbenzene	10.3		"	10.0		103	76-140		18.8	30	
Methyl acetate	10.6		"	10.0		106	51-139		24.7	30	
Methyl tert-butyl ether (MTBE)	10.2		"	20.0		51.0	76-135	Low Bias	18.8	30	
Methylcyclohexane	10.2		"	10.0		102	72-143		15.1	30	
Methylene chloride	7.57		"	10.0		75.7	55-137		1.46	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60750 - EPA 5030B											
LCS Dup (BB60750-BSD1)							Prepared & Analyzed: 02/13/2026				
Naphthalene	8.88		ug/L	10.0		88.8	70-147		9.68	30	
n-Butylbenzene	8.58		"	10.0		85.8	79-132		19.2	30	
n-Propylbenzene	10.1		"	10.0		101	78-133		19.2	30	
o-Xylene	10.9		"	10.0		109	78-130		5.81	30	
p- & m- Xylenes	20.9		"	20.0		105	77-133		9.39	30	
p-Diethylbenzene	10.5		"	10.0		105	84-134		18.1	30	
p-Ethyltoluene	10.2		"	10.0		102	88-129		18.6	30	
p-Isopropyltoluene	10.8		"	10.0		108	81-136		18.7	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		19.2	30	
Styrene	10.7		"	10.0		107	67-132		2.76	30	
tert-Butyl alcohol (TBA)	49.4		"	50.0		98.9	25-162		6.36	30	
tert-Butylbenzene	8.94		"	10.0		89.4	77-138		17.6	30	
Tetrachloroethylene	9.24		"	10.0		92.4	82-131		11.7	30	
Toluene	10.3		"	10.0		103	80-127		9.56	30	
trans-1,2-Dichloroethylene	11.1		"	10.0		111	80-132		6.52	30	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131		0.298	30	
Trichloroethylene	9.95		"	10.0		99.5	82-128		12.4	30	
Trichlorofluoromethane	11.4		"	10.0		114	67-139		8.32	30	
Vinyl Chloride	9.66		"	10.0		96.6	58-145		7.38	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.78*		*"*	*10.0*		*97.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60793 - EPA 3510C											
Blank (BB60793-BLK1)											Prepared: 02/15/2026 Analyzed: 02/17/2026
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*10.6*		*"*	*50.0*		*21.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.72*		*"*	*50.0*		*13.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.6*		*"*	*25.0*		*50.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*9.25*		*"*	*25.0*		*37.0*	*39.9-105*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60793 - EPA 3510C											
Blank (BB60793-BLK1)								Prepared: 02/15/2026 Analyzed: 02/17/2026			
Surrogate: SURR: 2,4,6-Tribromophenol	*22.6*		*ug/L*	*50.0*		*45.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*13.7*		*"*	*25.0*		*54.7*	*30.7-106*				
LCS (BB60793-BS1)								Prepared: 02/15/2026 Analyzed: 02/16/2026			
1,1-Biphenyl	9.24	5.00	ug/L	25.0		37.0	33-95				
1,2,4,5-Tetrachlorobenzene	8.99	5.00	"	25.0		36.0	26-120				
2,3,4,6-Tetrachlorophenol	11.6	5.00	"	25.0		46.3	30-130				
2,4,5-Trichlorophenol	9.74	5.00	"	25.0		39.0	32-114				
2,4,6-Trichlorophenol	10.1	5.00	"	25.0		40.6	35-118				
2,4-Dichlorophenol	9.66	5.00	"	25.0		38.6	25-116				
2,4-Dimethylphenol	11.2	5.00	"	25.0		44.9	15-116				
2,4-Dinitrophenol	11.6	5.00	"	25.0		46.6	10-170				
2,4-Dinitrotoluene	13.1	5.00	"	25.0		52.3	41-128				
2,6-Dinitrotoluene	12.1	5.00	"	25.0		48.2	45-116				
2-Chloronaphthalene	8.72	5.00	"	25.0		34.9	33-112				
2-Chlorophenol	8.86	5.00	"	25.0		35.4	15-120				
2-Methylnaphthalene	8.45	5.00	"	25.0		33.8	24-118				
2-Methylphenol	8.22	5.00	"	25.0		32.9	10-110				
2-Nitroaniline	11.4	5.00	"	25.0		45.8	34-129				
2-Nitrophenol	9.19	5.00	"	25.0		36.8	28-118				
3- & 4-Methylphenols	6.26	5.00	"	25.0		25.0	10-107				
3,3-Dichlorobenzidine	9.58	5.00	"	25.0		38.3	15-187				
3-Nitroaniline	9.32	5.00	"	25.0		37.3	24-134				
4,6-Dinitro-2-methylphenol	14.2	5.00	"	25.0		56.7	10-153				
4-Bromophenyl phenyl ether	11.0	5.00	"	25.0		43.9	34-120				
4-Chloro-3-methylphenol	11.2	5.00	"	25.0		44.8	20-120				
4-Chloroaniline	6.70	5.00	"	25.0		26.8	10-147				
4-Chlorophenyl phenyl ether	10.6	5.00	"	25.0		42.3	27-121				
4-Nitroaniline	11.3	5.00	"	25.0		45.1	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	9.98	5.00	"	25.0		39.9	25-110				
Benzaldehyde	7.04	5.00	"	25.0		28.2	29-117	Low Bias			
Benzyl butyl phthalate	13.6	5.00	"	25.0		54.2	29-133				
Bis(2-chloroethoxy)methane	9.45	5.00	"	25.0		37.8	10-154				
Bis(2-chloroethyl)ether	8.86	5.00	"	25.0		35.4	17-125				
Bis(2-chloroisopropyl)ether	8.15	5.00	"	25.0		32.6	10-139				
Caprolactam	10.1	5.00	"	25.0		40.4	10-137				
Carbazole	13.1	5.00	"	25.0		52.5	42-126				
Dibenzofuran	10.1	5.00	"	25.0		40.6	36-113				
Diethyl phthalate	12.7	5.00	"	25.0		50.9	38-115				
Dimethyl phthalate	12.4	5.00	"	25.0		49.4	38-129				
Di-n-butyl phthalate	13.6	5.00	"	25.0		54.4	31-120				
Di-n-octyl phthalate	13.9	5.00	"	25.0		55.8	21-149				
Hexachlorocyclopentadiene	5.67	10.0	"	25.0		22.7	10-130				
Isophorone	10.4	5.00	"	25.0		41.7	25-127				
N-nitroso-di-n-propylamine	9.21	5.00	"	25.0		36.8	26-122				
N-Nitrosodiphenylamine	12.1	5.00	"	25.0		48.6	23-149				
Phenol	ND	5.00	"	25.0			10-110	Low Bias			
Pyridine	5.44	5.00	"	35.0		15.5	10-90				
Surrogate: SURR: 2-Fluorophenol	*9.89*		*"*	*50.0*		*19.8*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60793 - EPA 3510C											
LCS (BB60793-BS1)									Prepared: 02/15/2026 Analyzed: 02/16/2026		
Surrogate: SURR: Phenol-d6	*5.78*		*ug/L*	*50.0*		*11.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*8.14*		*"*	*25.0*		*32.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*8.69*		*"*	*25.0*		*34.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*24.8*		*"*	*50.0*		*49.7*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*13.2*		*"*	*25.0*		*52.7*	*30.7-106*				
LCS Dup (BB60793-BSD1)									Prepared: 02/15/2026 Analyzed: 02/16/2026		
1,1-Biphenyl	8.70	5.00	ug/L	25.0		34.8	33-95		6.02	20	
1,2,4,5-Tetrachlorobenzene	8.71	5.00	"	25.0		34.8	26-120		3.16	20	
2,3,4,6-Tetrachlorophenol	11.1	5.00	"	25.0		44.5	30-130		4.05	20	
2,4,5-Trichlorophenol	11.1	5.00	"	25.0		44.6	32-114		13.4	20	
2,4,6-Trichlorophenol	9.49	5.00	"	25.0		38.0	35-118		6.62	20	
2,4-Dichlorophenol	9.10	5.00	"	25.0		36.4	25-116		5.97	20	
2,4-Dimethylphenol	9.55	5.00	"	25.0		38.2	15-116		16.2	20	
2,4-Dinitrophenol	11.0	5.00	"	25.0		44.2	10-170		5.29	20	
2,4-Dinitrotoluene	11.9	5.00	"	25.0		47.7	41-128		9.20	20	
2,6-Dinitrotoluene	11.2	5.00	"	25.0		44.9	45-116	Low Bias	7.22	20	
2-Chloronaphthalene	8.48	5.00	"	25.0		33.9	33-112		2.79	20	
2-Chlorophenol	8.22	5.00	"	25.0		32.9	15-120		7.49	20	
2-Methylnaphthalene	7.97	5.00	"	25.0		31.9	24-118		5.85	20	
2-Methylphenol	7.29	5.00	"	25.0		29.2	10-110		12.0	20	
2-Nitroaniline	10.7	5.00	"	25.0		42.7	34-129		7.05	20	
2-Nitrophenol	8.71	5.00	"	25.0		34.8	28-118		5.36	20	
3- & 4-Methylphenols	5.61	5.00	"	25.0		22.4	10-107		11.0	20	
3,3-Dichlorobenzidine	8.93	5.00	"	25.0		35.7	15-187		7.02	20	
3-Nitroaniline	8.51	5.00	"	25.0		34.0	24-134		9.09	20	
4,6-Dinitro-2-methylphenol	13.1	5.00	"	25.0		52.4	10-153		7.85	20	
4-Bromophenyl phenyl ether	10.2	5.00	"	25.0		40.9	34-120		7.07	20	
4-Chloro-3-methylphenol	10.3	5.00	"	25.0		41.1	20-120		8.66	20	
4-Chloroaniline	5.66	5.00	"	25.0		22.6	10-147		16.8	20	
4-Chlorophenyl phenyl ether	10.1	5.00	"	25.0		40.3	27-121		4.75	20	
4-Nitroaniline	10.5	5.00	"	25.0		42.0	13-134		7.17	20	
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias		20	
Acetophenone	9.34	5.00	"	25.0		37.4	25-110		6.63	20	
Benzaldehyde	6.77	5.00	"	25.0		27.1	29-117	Low Bias	3.91	20	
Benzyl butyl phthalate	12.1	5.00	"	25.0		48.6	29-133		11.1	20	
Bis(2-chloroethoxy)methane	8.97	5.00	"	25.0		35.9	10-154		5.21	20	
Bis(2-chloroethyl)ether	8.30	5.00	"	25.0		33.2	17-125		6.53	20	
Bis(2-chloroisopropyl)ether	7.74	5.00	"	25.0		31.0	10-139		5.16	20	
Caprolactam	9.11	5.00	"	25.0		36.4	10-137		10.4	20	
Carbazole	12.0	5.00	"	25.0		48.2	42-126		8.66	20	
Dibenzofuran	9.57	5.00	"	25.0		38.3	36-113		5.78	20	
Diethyl phthalate	11.3	5.00	"	25.0		45.3	38-115		11.7	20	
Dimethyl phthalate	10.9	5.00	"	25.0		43.8	38-129		12.1	20	
Di-n-butyl phthalate	12.4	5.00	"	25.0		49.8	31-120		8.98	20	
Di-n-octyl phthalate	12.4	5.00	"	25.0		49.5	21-149		11.9	20	
Hexachlorocyclopentadiene	5.46	10.0	"	25.0		21.8	10-130		3.77	20	
Isophorone	9.68	5.00	"	25.0		38.7	25-127		7.46	20	
N-nitroso-di-n-propylamine	8.56	5.00	"	25.0		34.2	26-122		7.32	20	
N-Nitrosodiphenylamine	11.2	5.00	"	25.0		45.0	23-149		7.61	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60793 - EPA 3510C											
LCS Dup (BB60793-BSD1)								Prepared: 02/15/2026 Analyzed: 02/16/2026			
Phenol	ND	5.00	ug/L	25.0			10-110	Low Bias		20	
Pyridine	2.57	5.00	"	35.0		7.34	10-90	Low Bias	71.7	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*8.82*		*"*	*50.0*		*17.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.13*		*"*	*50.0*		*10.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*7.69*		*"*	*25.0*		*30.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*8.35*		*"*	*25.0*		*33.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*23.2*		*"*	*50.0*		*46.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*12.3*		*"*	*25.0*		*49.1*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60794 - EPA 3510C											
Blank (BB60794-BLK2)											Prepared: 02/15/2026 Analyzed: 02/16/2026
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BB60794-BS2)											Prepared: 02/15/2026 Analyzed: 02/16/2026
Acenaphthene	0.751	0.0500	ug/L	1.00		75.1	25-116				
Acenaphthylene	0.786	0.0500	"	1.00		78.6	26-116				
Anthracene	0.718	0.0500	"	1.00		71.8	25-123				
Benzo(a)anthracene	1.09	0.0500	"	1.00		109	33-125				
Benzo(a)pyrene	0.945	0.0500	"	1.00		94.5	32-132				
Benzo(b)fluoranthene	1.23	0.0500	"	1.00		123	22-137				
Benzo(g,h,i)perylene	1.30	0.0500	"	1.00		130	10-138				
Benzo(k)fluoranthene	1.25	0.0500	"	1.00		125	20-137				
Bis(2-ethylhexyl)phthalate	1.56	0.500	"	1.00		156	10-189				
Chrysene	1.25	0.0500	"	1.00		125	32-124	High Bias			
Dibenzo(a,h)anthracene	1.22	0.0500	"	1.00		122	16-133				
Fluoranthene	1.07	0.0500	"	1.00		107	32-121				
Fluorene	0.819	0.0500	"	1.00		81.9	28-118				
Hexachlorobenzene	0.919	0.0200	"	1.00		91.9	23-124				
Hexachlorobutadiene	0.672	0.500	"	1.00		67.2	15-123				
Hexachloroethane	3.10	0.500	"	1.00		310	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	1.16	0.0500	"	1.00		116	15-135				
Naphthalene	0.709	0.0500	"	1.00		70.9	18-120				
Nitrobenzene	0.437	0.250	"	1.00		43.7	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.701	0.250	"	1.00		70.1	10-156				
Phenanthrene	0.964	0.0500	"	1.00		96.4	24-127				
Pyrene	1.17	0.0500	"	1.00		117	31-132				

Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60904 - EPA 3015A											
Blank (BB60904-BLK1)											Prepared & Analyzed: 02/17/2026
Aluminum	ND	0.556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00667	"								
Magnesium	ND	0.0667	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	1.11	"								
Selenium	ND	0.0278	"								
Silver	ND	0.00667	"								
Sodium	ND	1.11	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BB60904-BS1)											Prepared & Analyzed: 02/17/2026
Aluminum	2.02		ug/mL	2.00		101	80-120				
Barium	2.00		"	2.00		100	80-120				
Calcium	1.01		"	1.00		101	80-120				
Chromium	0.197		"	0.200		98.5	80-120				
Cobalt	0.501		"	0.500		100	80-120				
Copper	0.253		"	0.250		101	80-120				
Iron	0.929		"	1.00		92.9	80-120				
Lead	0.524		"	0.500		105	80-120				
Magnesium	0.987		"	1.00		98.7	80-120				
Manganese	0.501		"	0.500		100	80-120				
Nickel	0.508		"	0.500		102	80-120				
Potassium	0.957		"	1.00		95.7	80-120				
Selenium	1.82		"	2.00		91.0	80-120				
Silver	0.0474		"	0.0500		94.8	80-120				
Sodium	1.00		"	1.00		100	80-120				
Vanadium	0.488		"	0.500		97.6	80-120				
Zinc	0.472		"	0.500		94.5	80-120				

Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60961 - EPA 3015A											
Blank (BB60961-BLK1)										Prepared & Analyzed: 02/18/2026	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Thallium	ND	1.11	"								
LCS (BB60961-BS1)										Prepared & Analyzed: 02/18/2026	
Antimony	49.2		ug/L	50.0		98.4	80-120				
Arsenic	48.2		"	50.0		96.4	80-120				
Beryllium	46.7		"	50.0		93.3	80-120				
Cadmium	46.4		"	50.0		92.9	80-120				
Thallium	50.0		"	50.0		100	80-120				

Mercury Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60882 - EPA SW846-7470A											
Blank (BB60882-BLK1)									Prepared & Analyzed: 02/17/2026		
Mercury	ND	0.0002	mg/L								
LCS (BB60882-BS1)									Prepared & Analyzed: 02/17/2026		
Mercury	0.00094601	0.0002	mg/L	0.00100		94.6	80-120				

Metals Dissolved - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60988 - EPA 3015A											
Blank (BB60988-BLK1)									Prepared & Analyzed: 02/18/2026		
Aluminum - Dissolved	ND	0.556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00667	"								
Magnesium - Dissolved	ND	0.0667	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	1.11	"								
Selenium - Dissolved	ND	0.0278	"								
Silver - Dissolved	ND	0.00667	"								
Sodium - Dissolved	ND	1.11	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BB60988-BS1)									Prepared & Analyzed: 02/18/2026		
Aluminum - Dissolved	4.71	0.556	mg/L	4.44		106	80-120				
Barium - Dissolved	4.39	0.0278	"	4.44		98.9	80-120				
Calcium - Dissolved	2.28	0.556	"	2.22		103	80-120				
Chromium - Dissolved	0.442	0.00556	"	0.444		99.5	80-120				
Cobalt - Dissolved	1.14	0.00444	"	1.11		103	80-120				
Copper - Dissolved	0.588	0.0222	"	0.556		106	80-120				
Iron - Dissolved	2.15	0.278	"	2.22		96.8	80-120				
Lead - Dissolved	1.22	0.00667	"	1.11		110	80-120				
Magnesium - Dissolved	2.31	0.0667	"	2.22		104	80-120				
Manganese - Dissolved	1.13	0.00556	"	1.11		102	80-120				
Nickel - Dissolved	1.15	0.0111	"	1.11		104	80-120				
Potassium - Dissolved	2.29	1.11	"	2.22		103	80-120				
Selenium - Dissolved	4.28	0.0278	"	4.44		96.2	80-120				
Silver - Dissolved	0.108	0.00667	"	0.111		97.2	80-120				
Sodium - Dissolved	2.39	1.11	"	2.22		107	80-120				
Vanadium - Dissolved	1.10	0.0111	"	1.11		99.4	80-120				
Zinc - Dissolved	0.982	0.0278	"	1.11		88.4	80-120				

Metals Dissolved - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60989 - EPA 3015A											
Blank (BB60989-BLK1)										Prepared & Analyzed: 02/18/2026	
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BB60989-BS1)										Prepared & Analyzed: 02/18/2026	
Antimony - Dissolved	48.9		ug/L	50.0		97.7	80-120				
Arsenic - Dissolved	49.9		"	50.0		99.9	80-120				
Beryllium - Dissolved	51.2		"	50.0		102	80-120				
Cadmium - Dissolved	49.5		"	50.0		99.0	80-120				
Thallium - Dissolved	50.9		"	50.0		102	80-120				

Mercury Dissolved - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60885 - EPA SW846-7470A											
Blank (BB60885-BLK1)								Prepared & Analyzed: 02/17/2026			
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BB60885-BS1)								Prepared & Analyzed: 02/17/2026			
Mercury - Dissolved	0.0010	0.0002	mg/L	0.00100		99.9	80-120				
Matrix Spike (BB60885-MS1)	*Source sample: 26B0519-01 (26MW-1)							Prepared & Analyzed: 02/17/2026			
Mercury - Dissolved	0.0021	0.0002	mg/L	0.00200	ND	103	75-125				
Matrix Spike Dup (BB60885-MSD1)	*Source sample: 26B0519-01 (26MW-1)							Prepared & Analyzed: 02/17/2026			
Mercury - Dissolved	0.0022	0.0002	mg/L	0.00200	ND	109	75-125		5.35	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
26B0519-01	26MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26B0519-02	FB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26B0519-03	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PRES	Sample was received with no preservative and was preserved upon receipt at the laboratory. If for metals, the sample was allowed to sit for 18-24 hours before analysis.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Trip Blank received not noted on COC.

Field Chain-of-Custody Record

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

ALS Project Number: 26B0519

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK | 800-306-9675

Page _____ of _____

Report To:	Invoice To:
Company: Vektor	Company:
Address: 555 8th ave	Address:
Phone.:	Phone.:
Contact:	Contact:
E-mail: JFields, DKlein,	E-mail:

YOUR Project Name / Number: 32-10 38th ave

PO Number:

Samples Collected From: NY [X] CT [ ] NJ [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day [ ] | RUSH - Two Day [ ] | RUSH - Three Day [ ] | RUSH - Four Day [ ] | RUSH - Five Day [ ] | Standard (6-9 Day) [X] | PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	SVOCs	Metals (Filtered and unfiltered)	Grab or Comp. G/C
26MW-1	2/11	~~17~~45	GW	2	3		1							X	X	X	
FB	2/11	1750	GW	3	3		1							X	X	X	

Report Type (circle): QA Report; ~~Summary (Results Only)~~; ~~NY ASP B Package~~; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); ~~NYSDEC EQuIS~~; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered [ ] | Lab Filtered [ ]

Comments: Hold all samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
			2/12/26 7:51		2/12/26 15:10
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	2.12.26 15:10		2.12.26		2/12/26 17:29
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	2/12/26 19:33				2/12/26 19:33 2.8 Degrees C

DATA USABILITY SUMMARY REPORT FOR GROUNDWATER SAMPLES

LABORATORY DATA CONSULTANTS, INC.
2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

vEKtor
37 W. 37th Street, 6th Floor
New York, NY 10018
ATTN: Mr. Alex Keenan
akeenan@vektorconsultants.com

November 17, 2025

SUBJECT: 32-20 38th Avenue, Queens, NY - Data Validation

Dear Mr. Keenan,

Enclosed are the final validation reports for the fractions listed below. These SDGs were received on November 5, 2025. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project #61834_C-G:

SDG #	**Fraction**
25E0936/GCT28768/R2505757 ,25E1068/GCT30078/R2505712, 25F0238/GCT44087, 25F0381/GCT45191, 25F0562/GCT47253	VOC, SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB, PFAS, Metals, Wet Chemistry

The data validation was performed under Category B guidelines. The analysis was validated using the following documents, as applicable to each method:

- USEPA Region 2 Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry, SOP HW-24, Revision 4 (October 2014)
- USEPA Region 2 Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D, SOP HW-22, Revision 5 (December 2010)
- USEPA Region 2 Standard Operating Procedure for Validating Pesticide Compounds, Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B, SOP HW-44, Revision 1.1 (December 20109)
- USEPA Region 2 Standard Operating Procedure for Validating PCB Compounds, PCBs by Gas Chromatography SW-846 Method 8082A, SOP HW-45, Revision 1 (October 2006)
- USEPA Region 2 Standard Operating Procedure for ICP-AES Data Validation, SOP No. HW-3a, ISM02.2, Revision 1 (September 2016)
- USEPA Region 2 Standard Operating Procedure for ICP-MS Data Validation, SOP No. HW-3b, ISM02.2, , Revision 1 (September 2016)
- USEPA Region 2 Standard Operating Procedure for Mercury and Cyanide Data Validation, SOP No. HW-3c, ISM02.2, Revision 1 (September 2016)
- Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023)
- USEPA National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005 (November 2020)
- USEPA National Functional Guidelines for Inorganic Superfund Data Review, EPA 542-R-20-006 (November 2020)
- EPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998; IIIB, November 2004; update IV, February 2007; update V, July 2014; update VI, July 2018

Please feel free to contact us if you have any questions.

Sincerely,

Pei Geng
pgeng@lab-data.com
Project Manager/Senior Chemist

V:\LOGIN\vEKtor\32-20 38th Ave_Queens\61834COV.doc

LDC #61834 (vEKtor Consultants, New York, NY / 32-20 38th Avenue, Queens, NY)

LDC	SDG#	Received Date	(7) Due Date	Validation Level	VOCs (8260D)	VOCs (8260D)	SVOCs (8270D)	SVOCs (8270D SIM)	1,4-Dioxane (8270E SIM)	Pesticides (8081B)
Matrix Type:					Water	Water	Water	Water	Water	Water
C	25E0936/ GCT28768/ R2505757	11/5/25	11/12/25	Category B		5	4	2	4	4
D	25E1068/ GCT30078/ R2505712	11/5/25	11/12/25	Category B		7	3	3	3	3
E	25F0238/ GCT44087	11/5/25	11/12/25	Category B	2		3	3	3	3
F	25F0381/ GCT45191	11/5/25	11/12/25	Category B	3		3	3	5	3
G	25F0562/ GCT47253	11/5/25	11/12/25	Category B	1					
Total			PM: PG		**6**	**12**	**13**	**11**	**15**	**13**

LDC	SDG#	Received Date	(7) Due Date	Validation Level	PCBs (8082A)	PFAS (1633)	Metals (6010D)	Metals (6020B)	Mercury (7470A)	Metals (6010D)
Matrix Type:					Water	Water	Water	Water	Water	Water
C	25E0936/ GCT28768/ R2505757	11/5/25	11/12/25	Category B	4	4	4	4	4	3
D	25E1068/ GCT30078/ R2505712	11/5/25	11/12/25	Category B	3	4	5	3	3	5
E	25F0238/ GCT44087	11/5/25	11/12/25	Category B	3	6	3	3	5	3
F	25F0381/ GCT45191	11/5/25	11/12/25	Category B	3	2	2	2	2	2
G	25F0562/ GCT47253	11/5/25	11/12/25	Category B		2	1	1	1	1
Total			PM: PG		**13**	**18**	**15**	**13**	**15**	**14**

R1 Cancelled A-B

LDC #61834 (vEKtor Consultants, New York, NY / 32-20 38th Avenue, Queens, NY)

LDC	SDG#	Received Date	(7) Due Date	Validation Level	Diss. Metals (6020B)	Diss. Mercury (7470A)	Cr(VI) (7196A)	Cr(III) (Calculation)
Matrix Type:					Water	Water	Water	Water
C	25E0936/ GCT28768/ R2505757	11/5/25	11/12/25	Category B	3	3	5	2
D	25E1068/ GCT30078/ R2505712	11/5/25	11/12/25	Category B	3	3	3	3
E	25F0238/ GCT44087	11/5/25	11/12/25	Category B	3	3	8	2
F	25F0381/ GCT45191	11/5/25	11/12/25	Category B	2	2	2	2
G	25F0562/ GCT47253	11/5/25	11/12/25	Category B	1	1	4	1
Total			PM: PG		**12**	**12**	**22**	**10**

R1 Cancelled A-B

Count ALL samples
EDD: EDD

Site:	32-20 38th Avenue, Queens, NY
Laboratory:	York Analytical Laboratories, Inc., Stratford, CT/ ALS Environmental, Rochester, NY
SDG:	25E0936/R2505757
Reviewer:	Josephine Go and Pei Geng/Laboratory Data Consultants for vEKtor Consultants – New York, NY
Date:	November 13, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
MW-1	25E0936-01/R2505757-001	VOC, SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB, PFAS
MW-7	25E0936-02	PFAS
FB-1	25E0936-03/R2505757-002	VOC, SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB, PFAS
TB-1	25E0936-04/R2505757-003	VOC
MW-1MS	25E0936-01MS/R2505757-001MS	VOC, SVOC, 1,4-Dioxane, Pesticide, PCB, PFAS
MW-1MSD	25E0936-01MSD/R2505757-001MSD	VOC, SVOC, 1,4-Dioxane, Pesticide, PCB

Associated QC Samples(s):

Field/Trip Blanks: FB-1 and TB-1
Field Duplicate pair: None Associated

The above-listed water samples were collected on May 14, 2025 and were analyzed for volatile organic compounds (VOC) by SW-846 method 8260D, semivolatile organic compounds (SVOC) by SW-846 methods 8270D and 8270D in selected ion monitoring (SIM) mode, 1,4-dioxane by SW-846 method 8270E in SIM mode, chlorinated pesticides by SW-846 method 8081B, polychlorinated biphenyls (PCB) by SW-846 method 8082A, and perfluoroalkyl and polyfluoroalkyl substances (PFAS) by method 1633. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014), the USEPA Region 2 *Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D,* SOP HW-22, Revision 5 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating Pesticide Compounds, Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B,* SOP HW-44, Revision 1.1 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating PCB Compounds, PCBs by Gas Chromatography SW-846 Method 8082A,* SOP HW-45, Revision 1 (October 2006), the Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023), and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Liquid Chromatography/Mass Spectrometry (LC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

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

The SVOC nondetect result for n-nitrosodimethylamine in sample FB-1 was rejected (R) due to severely low LCS percent recovery. The result is not usable for project objectives, which may have a major impact on the data usability.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Sample Preservation and Holding Times

VOC

All samples were received in good condition with the following exceptions:

Sample	Analyte	Finding	Criteria	Validation Action
MW-1 FB-1 TB-1	All analytes	2 of 3 cooler temperatures were reported at 11.2°C and 12.6°C upon receipt by the laboratory.	Cooler temperature must be ≤6°C.	J (all detects) UJ (all non-detects)

All technical holding time requirements were met.

SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB, and PFAS

All criteria were met.

GC/MS Tunes

VOC, SVOC, SVOC-SIM, and 1,4-Dioxane

All criteria were met.

GC/ECD Instrument Performance Checks

Pesticide and PCB

All criteria were met.

LC/MS Instrument Performance Check

PFAS

All criteria were met.

Initial and Continuing Calibrations

VOC

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0%.

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/21/25	052125/N6739	Acetone	20.2	MW-1	UJ (all non-detects)
		Hexachlorobutadiene	21.9	FB-1	UJ (all non-detects)
				TB-1	UJ (all non-detects)

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

SVOC

Initial calibration:

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0% with the following exceptions:

Date	Standard ID	Analyte	%RSD	Associated Samples	Validation Action
05/06/25	SE50008	2,4-Dinitrophenol	39.57325	MW-1	UJ (all non-detects)
		4,6-Dinitro-2-methylphenol	39.12882		UJ (all non-detects)
05/23/25	SE50050	4-Nitrophenol	20.59768	FB-1	UJ (all non-detects)

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
09/08/25	S5E3116-SCV1	2,3,4,6-Tetrachlorophenol	41.9	FB-1	UJ (all non-detects)
		4-Nitroaniline	31.5		UJ (all non-detects)

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/21/25	S5E2130-CCV1	2,4-Dinitrophenol	239	MW-1	UJ (all non-detects)
		4,6-Dinitro-2-methylphenol	207		UJ (all non-detects)
		4-Nitrophenol	30.7		UJ (all non-detects)
		Bis(2-chloroisopropyl)ether	52.2		UJ (all non-detects)
		Hexachlorocyclopentadiene	90.4		UJ (all non-detects)
		N-nitroso-di-n-propylamine	28.9		UJ (all non-detects)
05/28/25	S5E2838-CCV1	2,4-Dinitrophenol	34.7	FB-1	UJ (all non-detects)
		2,4-Dinitrotoluene	25.8		UJ (all non-detects)
		2,6-Dinitrotoluene	31.6		UJ (all non-detects)
		2-Nitroaniline	20.2		UJ (all non-detects)
		2-Nitrophenol	36.0		UJ (all non-detects)
		4,6-Dinitro-2-methylphenol	33.6		UJ (all non-detects)

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

SVOC-SIM

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/22/25	S5E2208-SCV1	Hexachloroethane	339	MW-1	UJ (all non-detects)
		Nitrobenzene	27	FB-1	UJ (all non-detects)
		Pentachlorophenol	48		UJ (all non-detects)

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/21/25	S5E2130-CCV1	Pentachlorophenol	43.2	MW-1 FB-1	UJ (all non-detects)

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

1,4-Dioxane

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0%.

Average relative response factors (RRF) were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0%.
Continuing calibration:

The percent differences (%D) were less than or equal to 20.0%.

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

Pesticide

Initial calibration:

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes.

PCB

Initial calibration:

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes.

PFAS

Initial calibration:

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 30.0% for all analytes.

The percent differences (%D) of the instrument sensitivity check (ISC) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/18/25	S5E1948-LCV1	N-MeFOSAA	52.7	MW-1	UJ (all non-detects)
		Perfluoro-1-nonanesulfonic acid (PFNS)	49.8	MW-7	UJ (all non-detects)
		N-EtFOSA	34.8	FB-1	UJ (all non-detects)

Blanks

Contamination was not detected in the method blanks.

No positive results were found in the trip blank sample TB-1 for VOC analysis.

No positive results were found in the field blank sample FB-1 for VOC, SVOC, SVOC-SIM, 1,4-dioxane, pesticide, PCB, and PFAS analyses.

Surrogate Recoveries

VOC, SVOC-SIM, 1,4-Dioxane, and PCB

Surrogates were added to all samples as required by the methods. All surrogate recoveries (%R) were within QC limits.

SVOC

Surrogates were added to all samples as required by the method. Surrogate recoveries (%R) were not within QC limits for samples MW-1 and FB-1. Using professional judgment, no data were qualified when one base or one acid surrogate %R was outside the QC limits and the %R was greater than or equal to 10%.

Pesticide

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

Sample	Surrogate	%R (Limits)	Affected Analyte	Validation Action
FB-1	Decachlorobiphenyl	28.8 (30-150)	All analytes	UJ (all non-detects)

MS/MSD Results

VOC, 1,4-Dioxane, and PCB

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

SVOC

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

Spike ID (Associated Samples)	Analyte	MS %R (Limits)	MSD %R (Limits)	Validation Action
MW-1MS/MSD (MW-1)	Hexachlorocyclopentadiene	0 (10-79)	-	UJ (all non-detects)
	Pyridine	0 (10-78)	-	UJ (all non-detects)
MW-1MS/MSD (MW-1)	1,1-Biphenyl	-	82.2 (26-79)	None
	Benzyl butyl phthalate	-	135 (10-133)	
	Di-n-butyl phthalate	-	121 (25-97)	
	Di-n-octyl phthalate	-	147 (10-137)	

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

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

Spike ID (Associated Samples)	Analyte	RPD (≤25)	Validation Action
MW-1MS/MSD (MW-1)	2,4-Dinitrophenol	45.8	None
	4,6-Dinitro-2-methylphenol	27.1	
	4-Nitrophenol	31.3	
	Benzyl butyl phthalate	31.6	
	Phenol	28.6	

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

Pesticide

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

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

Spike ID (Associated Samples)	Analyte	RPD (≤25)	Validation Action
MW-1MS/MSD (MW-1)	delta-BHC	20.5	None
	Endosulfan sulfate	21.2	
	Endrin ketone [2C]	23.3	
	Methoxychlor	20.2	

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

SVOC-SIM

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

PFAS

Matrix spike (MS) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits.

LCS Results

VOC and 1,4-Dioxane

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

SVOC

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BE51413-BS1 (FB-1)	2,3,4,6-Tetrachlorophenol	142 (40-121)	None
BE51609-BS1 (MW-1)	Hexachlorocyclopentadiene	0 (10-130)	R (all non-detects)

No data were qualified due to high %R when the associated result was non-detected.

SVOC-SIM

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BE51413-BS1 (FB-1)	Hexachloroethane	201 (18-115)	None
BE51413-BS1 (FB-1)	N-Nitrosodimethylamine	0 (10-124)	R (all non-detects)
BE51610-BS2 (MW-1)	Hexachloroethane	246 (18-115)	None

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

Pesticide and PCB

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the methods. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

PFAS

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BE51310-BS1 (MW-1 MW-7 FB-1)	Perfluoro-4-oxapentanoic acid (PFMPA)	18.6 (50-150)	UJ (all non-detects)

LLLCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BE51310-BS2 (MW-1 MW-7 FB-1)	Perfluoro-4-oxapentanoic acid (PFMPA)	19.2 (50-150)	UJ (all non-detects)

Field Duplicate Results

No field duplicates were identified in this SDG.

Internal Standards

VOC, SVOC, SVOC-SIM, and 1,4-Dioxane

All internal standard areas and retention times were within QC limits.

Pesticide and PCB

All internal standard percent recoveries (%R) were within QC limits.

PFAS

All extracted internal standard percent recoveries (%R) were within QC limits with the following exceptions:

Sample	Internal Standard	%R (Limits)	Affected Analyte	Validation Action
MW-7	M2-4:2 FTS	232 (25-150)	4:2 FTS	None

No data were qualified due to high %R when the associated result was non-detected.

All non-extracted internal standard areas and retention times were within QC limits.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC analysis. These results were qualified as estimated (J) by the laboratory.

No results were reported below the RL and above the MDL in the SVOC, SVOC-SIM, 1,4-dioxane, pesticide, PCB, and PFAS analyses.

Dilutions were not required for VOC, SVOC, SVOC-SIM, 1,4-dioxane, pesticide, PCB, and PFAS analyses.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834C
SDG #: 25E0936/~~GCT28768~~/R2505757
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix Environmenal Laboratories, Inc., Manchester, CT~~ / ALS Environmental, Rochester, NY
Method: Volatiles (EPA 8260D)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer:

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	SW/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	RSD≤ 20% r² ICV≥ 30%
IV	Continuing Calibration	SW	CCV≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	ND	FB = 2 TB = 3
VII	Surrogate	A	
VIII	Matrix Spike/Matrix Spike Duplicate	A	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	Results <RL > MDL = J dets
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Sublab ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1	R2505707-001	25E0936-01		Water	05/14/2025	Category B
2	FB-1	-002	25E0936-03	FB	Water	05/14/2025	Category B
3	TB-1	-003	25E0936-04	TB	Water	05/14/2025	Category B
4	MW-1MS	-001MS	25E0936-01MS	MS	Water	05/14/2025	Category B
5	MW-1MSD	-001MSD	25E0936-01MSD	MSD	Water	05/14/2025	Category B

Notes:

R2505999-03 MB		

Method: Volatiles (EPA SW 846 Method 8260D)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?		✓		
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			

Method: Volatiles (EPA SW 846 Method 8260D)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

VALIDATION FINDINGS WORKSHEET
Technical Holding Times

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)

Samples identified below have exceeded the cooler temperature validation criteria of 0-6 deg C or the technical holding time criteria.

Sample ID	Matrix	Preserved	Sampling date	Extraction date	Analysis date	Total # of days	Qualifier
ALL	2 of 3 Cooler temp = 11.2 deg; 12.6 deg						J/UJ/A
(ND+DET)							

TECHNICAL HOLDING TIME CRITERIA:

VOLATILES:	Water unpreserved:	Within 7 days of sample collection
	Water preserved:	Within 14 days of sample collection
	Soils:	Within 14 days of sample collection
	Encores unpreserved:	Analyzed within 48 hours
	Encores preserved:	Analyzed within 14 days

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
MS14	5/21/2025	052125\N6739.D	Acetone	20.2		ALL (ND)	J/UJ/A
			Hexachlorobutadiene	21.9		✓	✓

DOD
%D 20%/50% NFG 20% RRF: 0.001 - poor performers 0.005 - 1,4-Dioxane 0.05 - all other analytes

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 50 std)	Recalculated RRF (RRF 50 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	5/14/2025	cis-1,2-DCE (PFB)	0.4300	0.4300	0.4410	0.4410	6.2	6.2
			Toluene (DFB)	1.0970	1.0973	1.1360	1.1349	6.5	6.5
	R-MS-14		Tetrachloroethene (CBZ)	0.2363	0.2363	0.2447	0.2447	6.1	6.1
			1,1,2,2-TCA (DCB)	0.8937	0.8937	0.8779	0.8778	6.6	6.6

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Reviewer: JVG
2nd Reviewer:

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated % D
1	052125\N6739.D	05/21/25	cis-1,2-DCE (PFB)	0.4410	0.4119	0.4119	6.6	6.6
			Toluene (DFB)	1.1360	1.0611	1.0611	6.6	6.6
			Tetrachloroethene (CBZ)	0.2447	0.2316	0.2316	5.3	5.3
			1,1,2,2-TCA (DCB)	0.8779	0.7613	0.7613	13.3	13.3

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ug/L)	Surrogate Found (ug/L)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	50.00	43.4	87	87	0
1,2-Dichloroethane-d4	50.00	45.1	90	90	0
Toluene-d8	50.00	43.9	88	88	0
4-Bromofluorobenzene	50.00	44.4	89	89	0

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration
SA = Spike added
SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery
MSD = Matrix spike duplicate recovery

MS/MSD ID: __4/5

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethane	50.0	50.0	0	53.9	51.9	108	108	104	104	4	4
Trichloroethene	50.0	50.0	11	65.4	64.6	109	109	107	107	1	1
Benzene	50.0	50.0	0	53.7	53.1	107	107	106	106	1	1
Toluene	50.0	50.0	0.46	54.0	53.7	107	107	106	106	1	1
Chlorobenzene	50.0	50.0	0	51.3	51.4	103	103	103	103	0	0

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: __RQ2505999-02 LCS____

Compound	SA		LCS		LCSD		LCS/LCSD	
	(ug/L)		(ug/L)		Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethane	20.00	NA	19.3	NA	97	97				
Trichloroethene	20.00	NA	19.6	NA	98	98				
Benzene	20.00	NA	19.7	NA	98	99				
Toluene	20.00	NA	19.8	NA	99	99				
Chlorobenzene	20.00	NA	19.4	NA	97	97				

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Vp)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vp = Volume purged
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Ci (ug/L)	RRF	DF	Vp (mL)	Vo (g)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
1	PCE	97405	366298	50.0	0.2447	1.00	5.00	5.00	na	54.34	54.00	1

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834C
SDG #: 25E0936/~~GCT28768/R2505757~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix Environmenal Laboratories, Inc., Manchester, CT / ALS Environmental, Rochester, NY~~
Method: Semivolatiles (EPA 8270D)

Date: 11/5/2025
Page: 1 of 1
Reviewer: SVC
2nd Reviewer: AE

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	SW/SW	RSD ≤ 20% r² ICV ≥ 306
IV	Continuing Calibration	SW	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	ND	FB = 2
VII	Surrogate	SW	#1,2-7 only 1 out (NQ)
VIII	Matrix Spike/Matrix Spike Duplicate	SW	
IX	Laboratory Control Sample	SW	LCS
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1	25E0936-01		Water	05/14/2025	Category B
2	FB-1	25E0936-03	FB	Water	05/14/2025	Category B
3	MW-1MS	25E0936-01MS	MS	Water	05/14/2025	Category B
4	MW-1MSD	25E0936-01MSD	MSD	Water	05/14/2025	Category B

(no PAH)

Notes:

BE51413 - Blk1	(2)	
BE51609 - ↓	(1)	

Method: Semivolatiles (EPA SW 846 Method 8270)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?		✓		
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?		✓		
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		

Method: Semivolatiles (EPA SW 846 Method 8270)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Initial Calibration

Reviewer: JVG

METHOD: GC/MS PAH (EPA SW 846 Method 8270D)

A five point calibration curve was performed.
A linear fit was used for evaluation and acceptance criteria for each analyte was met.
A curve fit was used for evaluation and the r2 acceptance criteria of ≥ 0.99 was met.
Initial calibration was performed was at the required frequency.

#	Date	Standard ID	Analyte	%RSD (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
BNA4	5/6/2025	SE50008	2,4-Dinitrophenol	39.57325		1 (ND)	J/UJ/A
			4,6-Dinitro-2-methylphenol	39.12882		↓	↓
BNA9	5/23/2025	SE50050	4-Nitrophenol	20.59768		2 (ND)	J/UJ/A

	DOD	NFG
RSD	15%	Method criteria

RRF: 0.05

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Initial Calibration Verification

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270E)
A second source verification standard was analyzed after each ICAL for each instrument.
All analytes met the second source verification standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤30%)	Associated samples	Qualifications
BNA9	9/8/2025	S5E3116-SCV1	2,3,4,6-Tetrachlorophenol	41.9	2 (ND)	J/UJ/A
			4-Nitroaniline	31.5	✓	✓

	DOD	NFG
%D	20%	30%

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270E)

Continuing calibration standards were analyzed at the required frequencies.

The retention times for all calibrated analytes were within their respective acceptance windows.

All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
BNA4	5/21/2025	S5E2130-CCV1	2,4-Dinitrophenol	239		1 (ND)	J/UJ/A
			4,6-Dinitro-2-methylphenol	207			
			4-Nitrophenol	30.7			
			Bis(2-chloroisopropyl)ether	52.2			
			Hexachlorocyclopentadiene	90.4			
			N-nitroso-di-n-propylamine	28.9			
BNA9	5/28/2025	S5E2838-CCV1	2,4-Dinitrophenol	34.7		2 (ND)	
			2,4-Dinitrotoluene	25.8			
			2,6-Dinitrotoluene	31.6			
			2-Nitroaniline	20.2			
			2-Nitrophenol	36.0			
			4,6-Dinitro-2-methylphenol	33.6			

	DOD	NFG
%D	20%/50%	Method criteria

RRF: 0.05

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample.

Percent recoveries (%R) and %RPD were within QC limits with the exceptions identified below.

MS/MSD ID	Analyte	MS %R	MSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
3/4	Hexachlorocyclopentadiene	0	-	10-79			1 (ND)	J/UJ/A
	Pyridine	0	-	10-78				
	1,1-Biphenyl	-	82.2	26-79				J det/A
	Benzyl butyl phthalate	-	135	10-133				
	Di-n-butyl phthalate	-	121	25-97				
	Di-n-octyl phthalate	-	147	10-137				
	2,4-Dinitrophenol				45.8	25		
	4,6-Dinitro-2-methylphenol				27.1			
	4-Nitrophenol				31.3			
	Benzyl butyl phthalate				31.6			
	Phenol				28.6			

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270E)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BE51413-BS1	2,3,4,6-Tetrachlorophenol	142		40-121			2, MB2 (ND)	J det/P
BE51609-BS1	Hexachlorocyclopentadiene	0		10-130			1, MB1 (ND)	J/R/P

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 40 std)	Recalculated RRF (RRF 40 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	5/6/2025	Phenol (DCB)	2.403866	2.403866	2.413401	2.413401	8.14	8.14
			4-C-3-MP (NPT)	0.411295	0.411295	0.412014	0.412014	10.11	10.11
	BNA4		Diethylphthalate (ANT)	1.497978	1.497978	1.412813	1.412813	8.59	8.59
			Di-n-butyl phthalate (PHN)	1.469994	1.469994	1.398724	1.398724	6.70	6.70
	SE50008		3,3-DCB (CRY)	0.634027	0.634027	0.559657	0.559657	16.13	16.13
2	ICAL	5/23/2025	Phenol (DCB)	2.426155	2.426155	2.466372	2.466372	14.46	14.46
			4-C-3-MP (NPT)	0.333408	0.333408	0.323870	0.323870	12.13	12.13
	BNA9		Diethylphthalate (ANT)	1.291016	1.291016	1.309344	1.309344	14.93	14.93
			Di-n-butyl phthalate (PHN)	1.327602	1.327602	1.349606	1.349606	12.03	12.03
	SE50050		3,3-DCB (CRY)	0.436946	0.436946	0.405088	0.405088	8.22	8.22

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,

Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated % D
1	S5E2130-CCV1	05/21/25	Phenol (DCB)	2.413401	2.696386	2.696386	11.7	11.7
			4-C-3-MP (NPT)	0.412014	0.436257	0.436257	5.9	5.9
	BNA4		Diethylphthalate (ANT)	1.412813	1.392392	1.392392	1.4	1.4
			Di-n-butyl phthalate (PHN)	1.398724	1.386783	1.386783	0.9	0.9
			3,3-DCB (CRY)	0.559657	0.486919	0.486919	13.0	13.0
2	S5E2838-CCV1	05/28/25	Phenol (DCB)	2.466372	2.421178	2.421178	1.8	1.8
			4-C-3-MP (NPT)	0.323870	0.354061	0.354061	9.3	9.3
	BNA9		Diethylphthalate (ANT)	1.309344	1.389357	1.389357	6.1	6.1
			Di-n-butyl phthalate (PHN)	1.349606	1.419812	1.419812	5.2	5.2
			3,3-DCB (CRY)	0.405088	0.477285	0.477285	17.8	17.8

LDC # 61834C

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ug/mL)	Surrogate Found (ug/mL)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	25.00	15.49	62.0	62.0	0
2-Fluorobiphenyl	25.00	9.93	39.7	39.7	0
Terphenyl-d14	25.00	16.42	65.7	65.7	0
Phenol-d5	50.00	7.26	14.5	14.5	0
2-Fluorophenol	50.00	11.67	23.3	23.3	0
2,4,6-Tribromophenol	50.00	27.99	56.0	56.0	0

LDC # 61834C

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration, SA = Spike added, SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery, MSD = Matrix spike duplicate recovery

MS/MSD ID:___3/4____

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	25.0	25.0	0	5.52	7.36	22.1	22.1	29.4	29.4	28.6	28.6
N-Nitroso-di-n-propylamine	25.0	25.0	0	12.9	15.20	51.6	51.6	60.6	60.8	16.2	16.4
4-Chloro-3-methylphenol	25.0	25.0	0	18.5	21.30	74.0	74.0	85.2	85.2	13.9	14.1
Acenaphthene											
Pentachlorophenol											
Pyrene											

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BE51413-BS1

(on-col)

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	25.0	NA	11.1	NA	44.4	44.4				
N-Nitroso-di-n-propylamine	25.0	NA	19.8	NA	79.2	79.2				
4-Chloro-3-methylphenol	25.0	NA	26.4	NA	105	105.6				
Acenaphthene										
Pentachlorophenol										
Pyrene										

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Conc= (Response-b)/m

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
Vi = Volume injected
%S = % Solids

Sample #	Compound	Ax	Ais	Ci (ug/mL)	RRF	DF	Ve (mL)	Vo (mL)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	Phenol	214857	481585	40.0	1.608	1.00	1.0	1000.00	na	11.1	11.1	0
BE51413												

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834C
SDG #: 25E0936/~~GCT28768/R2505757~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix/Environmenal Laboratories, Inc., Manchester, CT / ALS Environmental, Rochester, NY~~

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer:

Method: Semivolatiles (EPA 8270D SIM)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A / A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A / SW	RSD ≤ 20% ICV ≤ 30%
IV	Continuing Calibration	SW	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	ND	FB = 2
VII	Surrogate	A	(see full scan)
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	SW	LCS
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1	25E0936-01		Water	05/14/2025	Category B
2	FB-1	25E0936-03	FB	Water	05/14/2025	Category B

Notes:

BE51415- Blk 2		
BE51610 - "		

Method: Semivolatiles (EPA SW 846 Method 8270D-SIM)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			✓	
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?		✓		
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?				
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		

Method: Semivolatiles (EPA SW 846 Method 8270D-SIM)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Initial Calibration Verification

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D SIM)
A second source verification standard was analyzed after each ICAL for each instrument.
All analytes met the second source verification standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤30%)	Associated samples	Qualifications
BNA5	5/22/2025	S5E2208-SCV1	Hexachloroethane	339	ALL, MB2 (ND)	J/UJ/A
			Nitrobenzene	27		
			Pentachlorophenol	48		

	DOD	NFG
%D	20%	30%

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270E)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated analytes were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
BNA5	5/21/2025	S5E2130-CCV1	Pentachlorophenol	43.2		ALL, MB2 (ND)	J/UJ/A

	DOD	NFG
%D	20%/50%	Method criteria

RRF: 0.05

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D SIM)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BE51415-BS2	Hexachloroethane	201		18-115			2, MB2 (ND)	J det/P
	N-Nitrosodimethylamine	0		10-124			↓	J/R/P
BE51610-BS2	Hexachloroethane	246		18-115			1, MB1 (ND)	J det/P

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D-SIM)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 5/4 std)	Recalculated RRF (RRF 5/4 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	5/22/2025	NDMA (DCB)	0.395751	0.395751	0.36945	0.369446	3.99	3.99
			Naphthalene (NPT)	1.017808	1.017808	1.016559	1.016559	11.33	11.33
	BNA5		Acenaphthene (ANT)	1.095617	1.095617	1.082798	1.082798	10.89	10.89
			Phenanthrene (PHN)	1.079653	1.079653	1.064621	1.064621	10.56	10.56
	SE50036		BEHP (CRY)	0.734220	0.734220	0.746841	0.746841	6.20	6.20
			Benzo(g,h,i)perylene (PRY)	1.152336	1.152336	1.122471	1.122471	10.77	10.77

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D-SIM)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,

Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated % D
1	S5E2725-CCV1	05/22/25	NDMA (DCB)	0.36945	0.38623	0.38623	4.5	4.5
	BNA5		Naphthalene (NPT)	1.01656	1.00578	1.00578	1.1	1.1
			Acenaphthene (ANT)	1.08280	1.05356	1.05356	2.7	2.7
			Phenanthrene (PHN)	1.06462	1.00076	1.00076	6.0	6.0
			BEHP (CRY)	0.74684	0.69911	0.69911	6.4	6.4
			Benzo(g,h,i)perylene (PRY)	1.12247	1.07511	1.07511	4.2	4.2

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D-SIM)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BE51415-BS2

(on-col)

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol										
N-Nitroso-di-n-propylamine										
4-Chloro-3-methylphenol										
Acenaphthene	1.00	NA	0.63	NA	63.0	63.0				
Pentachlorophenol	1.00	NA	0.51	NA	51.0	51.0				
Pyrene	1.00	NA	0.84	NA	84.0	84.0				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D-SIM)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Conc= (Response-b)/m

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
Vi = Volume injected
%S = % Solids

Sample #	Compound	Ax	Ais	Ci (ug/mL)	RRF	DF	Ve (mL)	Vo (mL)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	Pyrene	2318661	12538830	4.0	0.878	1.00	1.0	1000.00	na	0.842	0.840	0
BE51415												

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834C
SDG #: 25E0936/~~GCT28768/R2505757~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix Environmenal Laboratories, Inc., Manchester, CT / ALS Environmental, Rochester, NY~~
Method: 1,4-Dioxane (EPA 8270E SIM)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer:

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	RSD ≤ 20% ICV ≤ 30%
IV	Continuing Calibration	A	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	ND	FB = 2
VII	Surrogate	A	
VIII	Matrix Spike/Matrix Spike Duplicate	A	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1	25E0936-01		Water	05/14/2025	Category B
2	FB-1	25E0936-03	FB	Water	05/14/2025	Category B
3	MW-1MS	25E0936-01MS	MS	Water	05/14/2025	Category B
4	MW-1MSD	25E0936-01MSD	MSD	Water	05/14/2025	Category B

Notes:

BE51396-BLK1		

LDC #: 61834C

VALIDATION FINDINGS CHECKLIST

Reviewer: JVG

Method: 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	√			
Was cooler temperature criteria met?	√			
II. GC/MS Instrument performance check (Not required)				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	√			
Were all samples analyzed within the 12 hour clock criteria?	√			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	√			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) ≥ 0.05?	√			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			√	
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	√			
Were all percent differences (%D) ≤30%?	√			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	√			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) ≥ 0.05?	√			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	√			
Was a laboratory blank analyzed for each matrix and concentration?	√			
Was there contamination in the laboratory blanks?		√		
VI. Field blanks				
Were field blanks identified in this SDG?	√			
Were target analytes detected in the field blanks?		√		
VII. Surrogate spikes				
Were all surrogate percent differences (%R) within QC limits?	√			
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			√	
If any percent recoveries (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			√	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	√			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	√			

VALIDATION FINDINGS CHECKLIST

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	√			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	√			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		√		
Were target analytes detected in the field duplicates?			√	
XI. Internal standards				
Were internal standard area counts within -50% or +100% of the associated calibration standard?	√			
Were retention times within ± 30 seconds of the associated calibration standard?	√			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	√			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	√			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	√			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	√			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	√			
Were chromatogram peaks verified and accounted for?	√			
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	√			

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (0.5 std)	Recalculated RRF (0.5 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL BNA8	4/9/2025 SD50013	1,4-Dioxane (1,2-DCB-d4)	0.27276	0.27276	0.25438	0.25438	9.19	9.19

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	S5E2017-CCV1	5/19/2025	1,4-Dioxane (1,2-DCB-d4)	0.25438	0.28356	0.28356	11.5	11.5

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 2

Surrogate	Surrogate Spiked (ppb)	Surrogate Found (ppb)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
1,4-dioxane-d8	0.25	0.22	88.0	88.0	0

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the analyte identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA Where: SSC = Spiked concentration, SA = Spike added, SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD) MS = Matrix spike recovery MSD = Matrix spike duplicate recovery

MS/MSD ID: __3/4_____

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,4-Dioxane	4.00	4.00	0.0	3.73	3.73	93.3	93.3	93.3	93.3	0	0

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BE51396-BS1

Compound	SA				LCS		LCSD		LCS/LCSD	
	(ug/L)		(ug/L)		Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,4-Dioxane	4.00	NA	3.7	NA	93.6	93.5				

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

Analyte results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Vp)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vp = Volume purged
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Ci (ug/mL)	RRF	DF	Vp (uL)	Vo (mL)	IDA factor	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	1,4-Dioxane	17836	155919	0.50	0.254	1.00	2000.00	125.00	0.96	3.7475	3.74	0
BE51396												

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834C
SDG #: 25E0936/~~GCT28768/R2505757~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix Environmenal Laboratories, Inc., Manchester, CT / ALS Environmental, Rochester, NY~~
Method: Organochlorine Pesticides (EPA 8081B)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVC
2nd Reviewer:

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/ECD Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	~~RSD≤ 20%~~ r² ICV ≤ 20%
IV	Continuing Calibration	A	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	ND	FB = 2
VII	Surrogate	SW	
VIII	Matrix Spike/Matrix Spike Duplicate	SW	
IX	Laboratory Control Sample	A	LCS/D
X	Field Duplicate	N	
XI	Target Analyte Quantitation	A	no results < RL
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1	25E0936-01		Water	05/14/2025	Category B
2	FB-1	25E0936-03	FB	Water	05/14/2025	Category B
3	MW-1MS	25E0936-01MS	MS	Water	05/14/2025	Category B
4	MW-1MSD	25E0936-01MSD	MSD	Water	05/14/2025	Category B

Notes:

BE51388- BLK1		
BE51502- "		

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?	✓			
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?	✓			
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?	✓			
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?		✓		
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?	✓			
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Surrogate Recovery

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081)

Surrogates were added to all samples as required by the method.

All surrogate recoveries (%R) were within QC limits with the exceptions identified below.

#	Sample ID	Detector/ Column	Surrogate Compound	%R	(Limits)	Qualifications
	2 (ND)	COL1	B	28.8	30-150	J/UJ/P

Surrogate Compound

A Tetrachloro-m- xylene

B Decachlorobiphenyl

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081)

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample.

Percent recoveries (%R) and %RPD were within QC limits with the exceptions identified below.

MS/MSD ID	Analyte	MS %R	MSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
3/4	delta-BHC				20.5	20	1 (ND)	J det/A
	Endosulfan sulfate				21.2			
	Endrin ketone [2C]				23.3			
	Methoxychlor				20.2			

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/12/2025	GC_5890_I	g-BHC	1	7090736	0.50	0.25
			2	14452044	1.00	1
			3	29240343	2.00	4
	SE50014	1C	4	88013818	5.00	25
			5	353800000	20.00	400
			6	906400000	50.00	2500
			7	1796300000	100.00	10000
			8	4529000000	200.00	40000

Regression Output			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9995068	0.9992934
X Coefficient(s)	b =	14747228.9626	
Std Err of Coef.	a =	39172.5367	
Correlation Coefficient		0.999753	
Coefficient of Determination (r^2)	r^ 2	0.999507	

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/12/2025	GC_5890_I	g-BHC	1	9056494	0.50	0.25
			2	17664691	1.00	1
		2C	3	35814235	2.00	4
	SE50014		4	107000000	5.00	25
			5	430600000	20.00	400
			6	1084100000	50.00	2500
			7	2131700000	100.00	10000
			8	5326900000	200.00	40000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9994643	0.9999440
X Coefficient(s)	b =	17794732.9553	
Std Err of Coef.	a =	43809.2939	
Correlation Coefficient		0.999732	
Coefficient of Determination (r^2)	r^ 2	0.999464	

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/12/2025	GC_5890_I	DDT	1	4442848	0.50	0.25
			2	8485432	1.00	1
		1C	3	17903833	2.00	4
	SE50014		4	50643247	5.00	25
			5	202800000	20.00	400
			6	496800000	50.00	2500
			7	1068500000	100.00	10000
			8	2727000000	200.00	40000

Regression Output			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9998044	0.9997224
X Coefficient(s)	b =	8238478.6736	
Std Err of Coef.	a =	26867.1183	
Correlation Coefficient		0.999902	
Coefficient of Determination (r^2)	r^ 2	0.999804	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/12/2025	GC_5890_I	DDT	1	6407584	0.50	0.25
			2	11316373	1.00	1
		2C	3	23091046	2.00	4
	SE50014		4	64389282	5.00	25
			5	244800000	20.00	400
			6	593600000	50.00	2500
			7	1268700000	100.00	10000
			8	3175700000	200.00	40000

Regression Output			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9998103	0.9997291
X Coefficient(s)	b =	10056521.0993	
Std Err of Coef.	a =	28979.5889	
Correlation Coefficient		0.999905	
Coefficient of Determination (r^2)	r^ 2	0.999810	

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

Method: GC Pesticides (EPA SW 846 Method 8081B)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = 100 * (N - C)/N

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	CCV Conc/CF	Reported Conc	Recalculated Conc	Reported % D	Recalculated %D
1	S5E1944-CCV6	5/19/2025	g-BHC (1C)	50.000	49.271	49.271	1.5	1.5
			4,4'-DDT (1C)	50.000	40.986	40.986	18.0	18.0
			g-BHC (2C)	50.000	54..016	54.015	8.0	8.0
			4,4'-DDT (2C)	50.000	44.032	44.032	11.9	11.9
2	S5E2131-CCV5	5/21/2025	g-BHC (1C)	50.000	49.158	49.158	1.7	1.7
			4,4'-DDT (1C)	50.000	42.370	42.370	15.3	15.3
			g-BHC (2C)	50.000	55.275	55.277	10.6	10.6
			4,4'-DDT (2C)	50.000	47.516	47.518	5.0	5.0

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP	200.000	100.207	50.1	50.1	0
Tetrachloro-m- xylene	RTX-CLP2	200.000	101.287	50.6	50.6	0
Decachlorobiphenyl	RTX-CLP	200.000	110.776	55.4	55.4	0
Decachlorobiphenyl	RTX-CLP2	200.000	105.920	53.0	53.0	0

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration
SA = Spike added
SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery

MSD = Matrix spike duplicate recovery

MS/MSD ID: 3/4

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	0.100	0.100	0	0.056	0.047	56	56	46.8	46.8	18.6	18.6
4,4'-DDT	0.100	0.100	0	0.082	0.068	82.1	82.1	68.1	68.1	18.7	18.6

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BE51388-BS1/BSD1

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	0.100	0.100	0.050	0.056	50.0	50.0	55.7	55.7	10.9	10.8
4,4'-DDT	0.100	0.100	0.069	0.073	68.7	68.7	72.9	72.9	5.99	5.93

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Concentration = $\frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured

DF = Dilution factor

CF = Calibration factor from continuing calibration curve

Vi = Initial volume or weight of sample extracted in milliters (mL) or grams (g)

Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	r2 coeff a	r2 coeff b	r2 coeff c	Vf (ml)	Vi (mL)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	DDT	692800000	26867	8238478.7	0	1.00	1000.00	1.00	NA	68.7010	0.0687	0.069	0.0
BE51388	1C												

Area ratio (Y) = a (X^2) + b X + c

	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2a	(-b -())/ 2a
LCS	692800000	26867.1	8238478.7	-252000.0	0.00000	0.00	-693052000	1.424E+14	11931210	68.72213176	-375.360104
ddt 1	6.9280E+08	26867.1183	8238478.674	0.0000	68.701	68.701	-692800000	1.423E+14	11930075	68.70100968	-375.3389819

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834C
SDG #: 25E0936/~~GCT28768/R2505757~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix Environmenal Laboratories, Inc., Manchester, CT / ALS Environmental, Rochester, NY~~
Method: PCBs (EPA 8082A)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer: A

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	Initial Calibration/ ICV	A/A	r² 10% ≤ 20%
III	Continuing Calibration	A	CCV ≤ 20%
IV	Laboratory Blanks	A	
V	Field Blanks	ND	FB = 2
VI	Surrogate	A	
VII	Matrix Spike/Matrix Spike Duplicate	A	
VIII	Laboratory Control Sample	A	LCS/D
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	no results < RL
XI	Target Analyte Identification	A	
XII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1	25E0936-01		Water	05/14/2025	Category B
2	FB-1	25E0936-03	FB	Water	05/14/2025	Category B
3	MW-1MS	25E0936-01MS	MS	Water	05/14/2025	Category B
4	MW-1MSD	25E0936-01MSD	MSD	Water	05/14/2025	Category B

Notes:

BE51498-BLK1	(1)	
BE51327-BLK1	(2)	

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?			✓	
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?			✓	
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?			✓	
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?			✓	
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?	✓			
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

Method: GC PCB (EPA SW 846 Method 8082A)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
3/14/2025	GC ECD1	1260-1	0.0125	11958083	0.01	0.0002
			0.0250	20682484	0.03	0.0006
	SC50021	1C	0.0500	39251615	0.05	0.0025
			0.2000	130400000	0.20	0.0400
			0.5000	297700000	0.50	0.2500
			1.0000	633200000	1.00	1.0000
			2.0000	1186000000	2.00	4.0000
			3.0000	1688600000	3.00	9.0000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9998668	*0.9997699*
X Coefficient(s)	b =	651518461.8785	
Std Err of Coef.	a =	-29440492.0361	
Correlation Coefficient		0.999933	
Coefficient of Determination (r^2)	r^ 2	0.999867	

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC PCB (EPA SW 846 Method 8082A)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
3/14/2025	GC ECD1	1260-1	0.0125	93805186	0.01	0.0002
			0.0250	156700000	0.03	0.0006
	SC50021	2C	0.0500	307600000	0.05	0.0025
			0.2000	1115000000	0.20	0.0400
			0.5000	2175300000	0.50	0.2500
			1.0000	3107100000	1.00	1.0000
			2.0000	8196500000	2.00	4.0000
			3.0000	11353300000	3.00	9.0000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9951147	*0.9916554*
X Coefficient(s)	b =	3878563211.2655	
Std Err of Coef.	a =	-15118384.9707	
Correlation Coefficient		0.997554	
Coefficient of Determination (r^2)	r^ 2	0.995115	

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Method: GC PCB (EPA SW 846 Method 8082A)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = 100 * (N - C)/N

Where:
N = Initial Calibration Factor or Nominal Amount
C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound		CCV Conc	Reported Conc	Recalculated Conc	Reported % D	Recalculated %D
1	S5E2025-CCV2	5/20/2025	1260-1	1C	1.000	0.869	0.869	13.1	13.1
			1260-1	2C	1.000	1.081	1.081	8.1	8.1
2	S5E2133-CCV2	5/20/2025	1260-1	1C	1.000	0.871	0.871	12.9	12.9
			1260-1	2C	1.000	1.043	1.043	4.3	4.3

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP	0.200	0.123	61.5	61.5	0
Tetrachloro-m- xylene	RTX-CLP2	0.200	0.127	63.5	63.5	0
Decachlorobiphenyl	RTX-CLP	0.200	0.122	61.0	61.0	0
Decachlorobiphenyl	RTX-CLP2	0.200	0.142	71.0	71.0	0

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration
SA = Spike added
SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery

MSD = Matrix spike duplicate recovery

MS/MSD ID: 3/4

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	1.00	1.00	0	0.90	0.75	90	90	75.1	75.1	18	18

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BE51498-BS2

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	1.000	NA	0.788	NA	79	79				

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Concentration = $\frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured

DF = Dilution factor

CF = Calibration factor from continuing calibration curve

Vi = Initial volume or weight of sample extracted in milliters (mL) or grams (g)

Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	r2 coeff a	r2 coeff b	r2 coeff c	Vf (ml)	Vi (L)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	1260-1	449500000	-29440492	651518462	0	1.00	1.00	1.00	NA	X	0.713	0.713	0.0
BE51498	COL 1												
											Reported		
	1260-Total =	(0.713+0.859+0.933+0.72+0.715)						conc =	(0.788)(1mL)		**final conc**		
			5						(1.0L)				
	=	0.788						=	0.788		0.788		

Area ratio (Y) = a (X^2) + b X + c

	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2a	(-b -())/ 2a
LCS	449500000	-29440492.0	651518461.9	0.0	0.71289	0.713	-449500000	3.715E+17	6.1E+08	0.712891673	21.417121

61834C w pcb vektor 32-20 38th ave queens york

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834C
SDG #: 25E0936/~~GCT28768/R2505757~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix Environmental Laboratories, Inc., Manchester, CT / ALS Environmental, Rochester, NY~~

Date: 11/5/2025
Page: ~~1~~ of 1
Reviewer: JVG
2nd Reviewer: AC

Method: PFAS (EPA 1633)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	LC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	~~RSD≤ 20%~~ r2 ICV≤ 30%
IV	Continuing Calibration/ISC/Bile Salt	SW	CCV≤ 30% ISC≤ 30%
V	Laboratory Blanks	A	
VI	Field Blanks	ND	FB= 3
VII	Matrix spike/~~Matrix spike duplicates~~	A	
VIII	Laboratory Control Sample/Low Level LCS	SW/A	
IX	Field Duplicate	N	
X	Internal standard	SW	
XI	Target Analyte Quantitation	A	no results < RL
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1	25E0936-01		Water	05/14/2025	Category B
2	MW-7	25E0936-02		Water	05/14/2025	Category B
3	FB-1	25E0936-03	FB	Water	05/14/2025	Category B
4	MW-1MS	25E0936-01MS	MS	Water	05/14/2025	Category B

Notes:

BE51310 - BLKS		

VALIDATION FINDINGS CHECKLIST

METHOD: LC/MS PFAS (EPA Method 1633)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	✓			
III. Initial Calibration and Initial Calibration Verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) < 20%?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of > 0.990?	✓			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were the retention time windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) of the initial calibration verification < 30%?	✓			
IV. Continuing Calibration and Instrument Sensitivity Check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	✓			
Were all percent differences (%D) of the continuing calibration < 30%?	✓			
Were all the retention times within the acceptance windows	✓			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were all percent differences (%D) of the Instrument Sensitivity Check < 30%?		✓		
Were the RTs for the bile salt peaks outside the RT window of PFOS by at least one minute?	✓			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field Blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Matrix Spike/Matrix Spike Duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	

Validation Area	Yes	No	NA	Findings/Comments
X. Internal Standards				
Were extracted internal standard (EIS) percent recoveries (%R) within QC limits?		✓		
Were non-extracted internal standard (NIS) areas within 50-200% of the average area of the calibration standards?	✓			
Were NIS retention times within 0.4 minutes of the initial calibration midPoint?	✓			
XI. Target Analayte Quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?			✓	
Did reported results include both branched and linear isomers?	✓			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	✓			
Were analyte quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	✓			
XII. Target Analyte Identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	✓			
Were ion ratios between 50-150%?	✓			
Were manual integrations reviewed and found acceptable?	✓			
Did the laboratory provide before and after integration printouts?	✓			
XIII. Overall assesment of Data				
Overall assessment of data was found to be acceptable.	✓			

VALIDATION FINDINGS WORKSHEET
Continuing Calibration/Instrument Sensitivity Check

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

Date	Standard ID	Analyte	Finding %D (Limit: ≤30.0%)	Associated Sample	Qualifications
5/18/25	S5E1948-LCV1	N-MeFOSAA	52.7	All (ND)	J/UJ/P
	(Low level/ISC)	Perfluoro-1-nonanesulfonic acid (PFNS)	49.8		
		N-EtFOSA	34.8		

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.

Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BE51310-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)	18.6		50-150			All (ND)	J/UJ/P
BE51310-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)	19.2		50-150			All (ND)	J/UJ/P
(Low level)								

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET

Extracted Internal Standards

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)
All labeled compounds standard %Rs were within QC limits with the exceptions identified below.

#	Sample ID	Labeled Compound	%R	%R Limits	Associated Analytes	Qualifications
	2 (DET))	~~MPFBA~~	~~18.2~~	~~25-150~~	~~PFBA~~	~~J/UJ/P~~
	(ND)	M2-4:2 FTS	232	25-150	4:2 FTS	J det/P
	~~3 (ND)~~	~~MPFBA~~	~~12.9~~	~~25-150~~	~~PFBA~~	~~J/UJ/P~~

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$ — A_x = Area of Compound — A_{is} = Area of associated internal standard

average RRF = sum of the RRFs/number of standards — C_x = Concentration of compound, — C_{is} = Concentration of internal standard

%RSD = 100 * (S/X) — S= Standard deviation of the RRFs, — X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 50 std)	Recalculated RRF (RRF 50 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	5/14/2025	cis-1,2-DCE (PFB)	0.4300	0.4300	0.4410	0.4410	6.2	6.2
			Toluene (DFB)	1.0970	1.0973	1.1360	1.1349	6.5	6.5
	R-MS-14		Tetrachloroethene (CBZ)	0.2363	0.2363	0.2447	0.2447	6.1	6.1
			1,1,2,2-TCA (DCB)	0.8937	0.8937	0.8779	0.8778	6.6	6.6

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Reviewer: JVG
2nd Reviewer:

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated % D
1	052125\N6739.D	05/21/25	cis-1,2-DCE (PFB)	0.4410	0.4119	0.4119	6.6	6.6
			Toluene (DFB)	1.1360	1.0611	1.0611	6.6	6.6
			Tetrachloroethene (CBZ)	0.2447	0.2316	0.2316	5.3	5.3
			1,1,2,2-TCA (DCB)	0.8779	0.7613	0.7613	13.3	13.3

LDC#: 61834C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

Method: PFAS (EPA 1633)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	S5E1948-CCV5 LCQQQ	5/19/2025	PFOA (M8PFOA)	2.50	2.35	2.33	6.1	6.9
			PFOS (M8PFOA)	2.32	2.25	2.27	2.8	2.3

LDC # 61834C

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)

%Recovery = 100 * (SSC - SC)/SA Where: SSC = Spiked concentration, SA = Spike added, SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD) MS = Matrix spike recovery, MSD = Matrix spike duplicate recovery

MS/MSD ID: 4

Compound	SA (ng/L)		SC (ng/L)	SSC (ng/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
PFOA	38.8	NA	43.0	78.4	NA	91.2	91.2				
PFOS	36.1	NA	4.0	46.2	NA	117	117				

C:\Users\jgo\Desktop\L4 recalc\pfas\61834C w vektor 32-20 38th ave queens york

LDC # 61834C

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BE51310-BS1

Compound	SA (ng/L)		SSC (ng/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
PFOA	40.0	NA	41.6	NA	104	104				
PFOS	37.2	NA	43.2	NA	116	116				

LDC# 61834C

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured

DF = Dilution factor

CF = Calibration factor from continuing calibration curve

Vi = Initial volume or weight of sample extracted in milliters (mL) or grams (g)

Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	Ais	r2 coeff a	r2 coeff b	r2 coeff c	Vf (uL)	Vi (mL)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ng/L)	Reported Concentration (ng/L)	% Diff
1	PFOA	50037	30816	0.002943	0.927229	0.090472	5000.00	488.50	1.00	NA	4.224	43.232	43.00	0.0

Area ratio (Y) = a (X^2) + b X + c

SAMPLE 1	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2	(-b -())/ 2a
pfoa	4.059336059	0.00294	0.92723	0.09047	4.2237292	4.224	-3.9688636	0.90647273	0.9520886	4.223729	-319.297872

61834C w vektor 32-20 38th ave queens york

Site:	32-20 38th Avenue, Queens, NY
Laboratory:	York Analytical Laboratories, Inc., Stratford, CT/Phoenix Environmental Laboratories, Inc., Manchester, CT
SDG:	25E0936/GCT28768
Reviewer:	Jon Carmichael and Pei Geng/Laboratory Data Consultants for vEKtor Consultants – New York, NY
Date:	November 12, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID/SUB LAB ID	FRACTIONS VALIDATED
MW-1	25E0936-01/CT28768	Metals, Wet Chemistry
FB-1	25E0936-03	Metals, Wet Chemistry
MW-1MS	25E0936-01MS/CT28768MS	Metals, Wet Chemistry
MW-1MSD	25E0936-01MSD/CT28768MSD	Metals, Wet Chemistry
MW-1DUP	25E0936-01DUP	Metals, Wet Chemistry

Associated QC Samples(s):

Field/Trip Blanks: FB-1
Field Duplicate pair: None Associated

The above-listed water samples were collected on May 14, 2025 and were analyzed for metals and dissolved metals by SW-846 methods 6010D, 6020B, and 7470A, hexavalent chromium by SW-846 method 7196A, and trivalent chromium by calculation. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for ICP-MS Data Validation,* SOP No. HW-3b, ISM02.2, , Revision 1 (September 2016), the USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Internal Standards
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

Initial and Continuing Calibration

Metals

Initial and continuing calibrations were performed as required by the methods.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits with the following exceptions:

Date	Lab. Reference/ID	Analyte	%R (90-110)	Associated Samples	Validation Action
05/19/25	S5E1931-CCVI	Dissolved barium	88.9	MW-1	J (all detects)

Date	Lab. Reference/ID	Analyte	%R (90-110)	Associated Samples	Validation Action
05/19/25	S5E2006-CCVM	Potassium Sodium	116 144	FB-1	J (all detects) J (all detects)
05/19/25	S5E2006-CCVN	Barium	86.9	FB-1	UJ (all non-detects)
05/16/25	S5E1907-CCV7	Dissolved antimony Dissolved beryllium Dissolved cadmium	119 123 119	MW-1	None
05/19/25	S5E2002-CCV5	Antimony	134	MW-1 FB-1	None
05/19/25	S5E2002-CCV5	Cadmium	125	MW-1	J (all detects)
05/19/25	S5E2002-CCV6	Beryllium Cadmium	113 126	FB-1	None
05/19/25	S5E2002-CCV6	Selenium	87.8	FB-1	J (all detects)

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

Wet Chemistry

All criteria were met.

ICP Interference Check Sample Analysis

Metals

All criteria were met.

Blanks

Metals

Analytes were detected below the reporting limits in the laboratory blank samples. The following table summarizes the contamination and validation actions taken.

Blank ID	Analyte	Level Detected	Action Level	Associated Samples
PB (prep blank)	Calcium	0.0583 mg/L	0.58 mg/L	FB-1
ICB/CCB	Potassium Sodium	0.0789 ug/mL 0.54 ug/mL	0.05 mg/L 0.5 mg/L	FB-1
ICB/CCB	Dissolved potassium	0.0789 ug/mL	0.05 mg/L	MW-1

Blank Actions for analytes detected below the reporting limit (RL).
If the sample result is < RL, report the result as nondetect (U) at the RL.
If the sample result is > RL or nondetect, no action is required.
Blank Actions for analytes detected above the reporting limit or RL.
If the sample result is < RL and <action level; report the result as nondetect (U) at the RL.
If the sample result is > RL and < action level; report the result as nondetect (U) at the reported value.
If the sample result is > action level or nondetect, no action is required.

Qualified sample results are listed in the table below.

Sample	Analyte	Reported Level	Validation Action
FB-1	Calcium	0.410 mg/L	0.410J mg/L

These results can be used for project objectives as estimated (J) which may have a minor impact on the data usability.

Contamination was detected in the field blank sample FB-1 for the metals analyses. The following table summarizes the contamination greater than the reporting limit and validation actions taken.

Blank ID	Analyte	Level Detected	Action Level	Associated Samples
FB-1	Calcium	0.41 mg/L	4.1 mg/L	MW-1
	Potassium	0.0961 mg/L	0.961 mg/L	
	Sodium	0.872 mg/L	8.72 mg/L	
	Arsenic	2.56 ug/L	25.6 ug/L	
	Selenium	2.85 ug/L	28.5 ug/L	
	Thallium	2.57 ug/L	25.7 ug/L	

Blank Actions for analytes detected above the reporting limit (RL).
If the sample result is < RL and < action level; report the result as nondetect (U) at the RL.
If the sample result is > RL and < action level; report the result as nondetect (U) at the reported value.
If the sample result is > action level or nondetect, no action is required.

Qualified sample results are listed in the table below.

Sample	Analyte	Reported Level	Validation Action
MW-1	Arsenic	1.54 ug/L	1.54J ug/L
	Selenium	3.28 ug/L	3.28J ug/L

These results can be used for project objectives as estimated (J) which may have a minor impact on the data usability.

Wet Chemistry

Contamination was not detected in the method blanks.

No positive results were found in the field blank sample FB-1 for wet chemistry analyses.

MS/MSD Results

Metals

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

Spike ID (Associated Samples)	Analyte	%R	Limits	Validation Action
MW-1MS (MW-1)	Aluminum	134	75-125	J (all detects)
	Iron	187	75-125	J (all detects)
	Dissolved potassium	149	75-125	J (all detects)
MW-1MS (MW-1)	Antimony	138	75-125	None
MW-1MS (MW-1)	Beryllium	65	75-125	J (all detects)

For MW-1MS, no data were qualified for several percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

Relative percent differences (RPD) were within QC limits.

Wet Chemistry

All criteria were met.

Laboratory Duplicate Results

All criteria were met.

Serial Dilution

Metals

Serial dilution analysis was performed on an associated project sample. Percent differences (%D) were within QC limits with the following exceptions:

Diluted Sample	Analyte	%D (≤10)	Associated Samples	Validation Action
MW-1	Aluminum	27.8	MW-1	J (all detects)
	Calcium	31.2		J (all detects)
	Chromium	27.1		J (all detects)
	Iron	21.6		J (all detects)
	Magnesium	31.1		J (all detects)
	Potassium	14.6		J (all detects)
	Sodium	32.6		J (all detects)
MW-1	Dissolved calcium	27.9	MW-1	J (all detects)
	Dissolved chromium	20.6		J (all detects)
	Dissolved magnesium	27.5		J (all detects)
	Dissolved potassium	23.4		J (all detects)
	Dissolved sodium	29		J (all detects)

LCS Results

Metals

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

LCS ID (Associated Samples)	Analyte	%R	Limits	Validation Action
BE51213-BS1 (MW-1)	Calcium	121	80-120	J (all detects)
BE51216-BS1 (MW-1)	Dissolved calcium	127	80-120	J (all detects)
BE51410-BS1 (FB-1)	Calcium Sodium	121 133	80-120 80-120	J (all detects) J (all detects)

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

Wet Chemistry

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Internal Standards

Metals

All criteria were met.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals and wet chemistry analyses.

Dilutions were not required for metals and wet chemistry analyses.

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834C
SDG #: 25E0936/GCT28768
Laboratory: York Analytial Laboratories, Inc., Stratford, CT / Phoenix Environmenal Laboratories, Inc., Manchester, CT
Method: Metals, Dissolved Metals (EPA 6010D); Metals, Dissolved Metals (EPA 6020B); Mercury, Dissolved Mercury (EPA 7470A)

Date: 11/5/2025
Page: 1/1
Reviewer: JC
2nd Reviewer:

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	ICP/MS Tune	A	
III	Initial Calibration	A	
IV	ICV/Continuing Calibration	SW	
V	ICP Interference Check Sample Analysis	A	
VI	Laboratory Blanks	SW	
VII	Field Blanks	SW	FB = 2
VIII	Matrix Spike/Matrix Spike Duplicate	SW	
IX	Laboratory Duplicate	A	
X	Serial Dilution	SW	
XI	Laboratory Control Sample	SW	LCS
XII	Field Duplicate	N	
XIII	Internal Standards (ICP-MS)	A	
XIV	Target Analyte Quantitation	A	MDL< No Samples < RL
XV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID / Sub Lab	QC Type	Matrix	Date	Stage
1	MW-1 No Dilution	25E0936-01/ CT28768 *		Water	05/14/2025	Category B
2	FB-1 ↓	25E0936-03	FB	Water	05/14/2025	Category B
3	MW-1MS	25E0936-01MS/CT28768MS *	MS	Water	05/14/2025	Category B
4	MW-1MSD	25E0936-01MSD/CT28768MSD *	MSD	Water	05/14/2026	Category B
5	MW-1DUP	25E0936-01DUP	DUP	Water	05/14/2025	Category B

* From SDG GCT28768 / Sub Lab ID CT28768

LDC #:61834C

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1-2	Water	6010D	Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
1	↓	↓	Dissolved: Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
1-2	Water	6020B	Sb, As, Be, Cd, Se, Tl
1	↓	↓	Dissolved: Sb, As, Be, Cd, Se, Tl
1	Water	7470A	Hg
↓	↓		Dissolved: Hg
QC			
3,6	Water	6010D	Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
↓	↓	↓	Dissolved: Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
3,6	Water	6020B	Sb, As, Be, Cd, Se, Tl
↓	↓	↓	Dissolved: Sb, As, Be, Cd, Se, Tl
3-4	Water	7470A	Hg
↓	↓		Dissolved: Hg

Comments:

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0936

Client: Vektor Consultants Project: 32-20 38th Avenue Queens

Matrix: Ground Water Laboratory ID: 25E0936-01 File ID: QBI051625A_WATER-130

Sampled: 05/14/25 09:40 Prepared: 05/15/25 14:54 Analyzed: 05/16/25 12:52

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BE51213 Sequence: S5E1616 Calibration: 05/16/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	2.12	1		EPA 6010D
7429-90-5	Aluminum (dissolved)	0.0556	1	U	EPA 6010D
7440-39-3	Barium	0.0918	1		EPA 6010D
7440-39-3	Barium (dissolved)	0.0602	1		EPA 6010D
7440-70-2	Calcium	124	1		EPA 6010D
7440-70-2	Calcium (dissolved)	114	1		EPA 6010D
7440-47-3	Chromium	0.0337	1		EPA 6010D
7440-47-3	Chromium (dissolved)	0.0286	1		EPA 6010D
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D
7440-48-4	Cobalt (dissolved)	0.00444	1	U	EPA 6010D
7440-50-8	Copper	0.0222	1	U	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-89-6	Iron	2.87	1		EPA 6010D
7439-89-6	Iron (dissolved)	0.278	1	U	EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	35.6	1		EPA 6010D
7439-95-4	Magnesium (dissolved)	34.0	1		EPA 6010D
7439-96-5	Manganese	0.120	1		EPA 6010D
7439-96-5	Manganese (dissolved)	0.00556	1	U	EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-09-7	Potassium	4.70	1		EPA 6010D
7440-09-7	Potassium (dissolved)	4.15	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0936

Client: Vektor Consultants Project: 32-20 38th Avenue Queens

Matrix: Ground Water Laboratory ID: 25E0936-01 File ID: QBI051925A_DISS_WATER-201

Sampled: 05/14/25 09:40 Prepared: 05/15/25 15:01 Analyzed: 05/19/25 15:20

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BE51216 Sequence: S5E1931 Calibration: 05/19/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D
7440-23-5	Sodium	192	1		EPA 6010D
7440-23-5	Sodium (dissolved)	182	1		EPA 6010D
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D
7440-62-2	Vanadium (dissolved)	0.0111	1	U	EPA 6010D
7440-66-6	Zinc	0.0697	1		EPA 6010D
7440-66-6	Zinc (dissolved)	0.0278	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

FB-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0936

Client: Vektor Consultants Project: 32-20 38th Avenue Queens

Matrix: Water Laboratory ID: 25E0936-03 File ID: QBI051925A_WATER-260

Sampled: 05/14/25 14:25 Prepared: 05/19/25 09:11 Analyzed: 05/19/25 16:59

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BE51410 Sequence: S5E2006 Calibration: 05/19/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	0.0556	1	U	EPA 6010D
7440-39-3	Barium	0.0278	1	U	EPA 6010D
7440-70-2	Calcium	0.410	1	B	EPA 6010D
7440-47-3	Chromium	0.00556	1	U	EPA 6010D
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D
7440-50-8	Copper	0.0222	1	U	EPA 6010D
7439-89-6	Iron	0.278	1	U	EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	0.0556	1	U	EPA 6010D
7439-96-5	Manganese	0.00556	1	U	EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-09-7	Potassium	0.0961	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D
7440-23-5	Sodium	0.872	1		EPA 6010D
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D
7440-66-6	Zinc	0.0278	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0936

Client: Vektor Consultants Project: 32-20 38th Avenue Queens

Matrix: Ground Water Laboratory ID: 25E0936-01 File ID: QBIMX051925A-071

Sampled: 05/14/25 09:40 Prepared: 05/15/25 15:23 Analyzed: 05/19/25 16:34

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BE51227 Sequence: S5E2002 Calibration: 05/19/25 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	1.11	1	U	EPA 6020B
7440-36-0	Antimony (dissolved)	11.1	1	U	EPA 6020B
7440-38-2	Arsenic	1.54	1		EPA 6020B
7440-38-2	Arsenic (dissolved)	11.1	1	U	EPA 6020B
7440-41-7	Beryllium	0.698	1		EPA 6020B
7440-41-7	Beryllium (dissolved)	3.33	1	U	EPA 6020B
7440-43-9	Cadmium	0.729	1		EPA 6020B
7440-43-9	Cadmium (dissolved)	5.56	1	U	EPA 6020B
7782-49-2	Selenium	3.28	1		EPA 6020B
7782-49-2	Selenium (dissolved)	11.1	1	U	EPA 6020B
7440-28-0	Thallium (dissolved)	11.1	1	U	EPA 6020B
7440-28-0	Thallium	1.11	1	U	EPA 6020B

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

FB-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0936

Client: Vektor Consultants Project: 32-20 38th Avenue Queens

Matrix: Water Laboratory ID: 25E0936-03 File ID: QBIMX051925A-081

Sampled: 05/14/25 14:25 Prepared: 05/15/25 15:23 Analyzed: 05/19/25 17:13

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BE51227 Sequence: S5E2002 Calibration: 05/19/25 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	1.11	1	U	EPA 6020B
7440-38-2	Arsenic	2.56	1		EPA 6020B
7440-41-7	Beryllium	0.333	1	U	EPA 6020B
7440-43-9	Cadmium	0.556	1	U	EPA 6020B
7782-49-2	Selenium	2.85	1		EPA 6020B
7440-28-0	Thallium	2.57	1		EPA 6020B

1

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-1

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT28768

Lab Sample Id: CT28768 Sample Matrix: Dissolved

Date Received: 5/15/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	05/20/25 07:19	AV

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-1

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT28768

Lab Sample Id: CT28768 Sample Matrix: LIQUID

Date Received: 5/15/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	05/19/25 14:48	AV

FORM I - IN

LDC #:61834C	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Findings/Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.	YES			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?	YES			
Were %RSDs of isoptoes in the tuning solution ≤5%?	YES			
III./IV. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?		NO		
Were the low level standard checks within 70-130%?	YES			Diss Se > 130%, results ND(NQ)
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
V. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			Cu >120%, result ND (NQ)
VI. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?	YES			
Was there contamination in the initial and continuing calibration blanks?	YES			
VII. Field Blanks				
Were field blanks identified in this SDG?	YES			
Were target analytes detected in the field blanks?	YES			
VIII./IX. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)		NO		
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	YES			
X. Serial Dilution				
Were all percent differences <10%?		NO		
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.		NO		

LDC #:61834C	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Findings/Comments**
XI. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?		NO		
XII. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
XIII. Internal Standards				
Were all percent recoveries within the 30-120% (60-120% for EPA Method 200.8) QC limits?	YES			
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIV. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?			NA	
XV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS WORKSHEETS

Calibration

Reviewer: JC

LDC #:61834C

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

All initial calibration verifications (ICVs) and continuing calibration verifications (CCVs) were performed at the required frequency and were within the acceptance limits with the following exceptions:

Date	Time	Calibration ID (CCV)	Analyte	%R	%R Limits	Associated Samples	Qualification	Det/ND
5/19/2025	15:28	S5E1931-CCVI	Diss Ba	88.9	90-110	1	J/UJ/A	Det
5/19/2025	16:38	S5E2006-CCVM	K	116	90-110	2	Jdet/A	Det
	↓	↓	Na	144	↓	↓	↓	↓
5/19/2025	17:03	S5E2006-CCVN	Ba	86.9	90-110	2	J/UJ/A	ND
5/16/2025	16:02	S5E1907-CCV7	Diss Sb	119	90-110	1	Jdet/A	ND
	↓	↓	Diss Be	123	↓	↓	↓	↓
	↓	↓	Diss Cd	119	↓	↓	↓	↓
5/19/2025	16:41	S5E2002-CCV5	Sb	134	90-110	1,2	Jdet/A	ND
	↓	↓	Cd	125	↓	1	Jdet/A	Det
5/19/2025	17:30	S5E2002-CCV6	Be	113	90-110	2	Jdet/A	ND
	↓	↓	Cd	126	↓	↓	↓	↓
	↓	↓	Se	87.8	↓	↓	J/UJ/A	Det

Comments:

VALIDATION FINDINGS WORKSHEET
Laboratory Blank Contamination (PB/ICB/CCB)

LDC #:61834C

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 2

				Sample Identification								
Analyte	**PB (mg/L)**	**Maximum ICB/CCB (ug/mL)**	**Action Level**	2								
Ca	0.0583		0.58	0.410 J								
K		0.0789	0.05									
Na		0.54	0.5									

Comment: Ca: PB detection > RL, action level 10X
K, Na : ICB detection > RL

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 1

				Sample Identification								
Analyte	**PB (units)**	**Maximum ICB/CCB (ug/mL)**	**Action Level**	NQ								
Diss K		0.0789	0.05									

Comment: Diss K: ICB detection > RL

VALIDATION FINDINGS WORKSHEET

Field Blanks

Reviewer: JC

LDC #:61834C

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Blank units: ug/L, mg/L
Sampling Date: 05/14/2025

Associated sample units: ug/L, mg/L
Associated Samples: 1 (Total Metals Only)

			Sample Identification									
Analyte	Blank ID	**Action Level**	1									
	2											
Ca	0.41	4.1										
K	0.0961	0.961										
Na	0.872	8.72										
As (ug/L)	2.56	25.6	1.54 J									
Se (ug/L)	2.85	28.5	3.28 J									
Tl (ug/L)	2.57	25.7										

BL

Comments: FB detection > Ca, K, Na, As, Se, Tl, action level 10x blank result

VALIDATION FINDINGS WORKSHEET

Matrix Spike

LDC #:61834C

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

MS analysis was performed by the laboratory. All MS percent recoveries (%R) were within the acceptable limits with the following exceptions:

MS ID	Matrix	Analyte	MS %R	%R Limit	PDS R %	PDS R% Limit	Associated Samples	Qualification	Det/ND
3	Water	Al	134	75-125	97.6	75-125	1	Jdet/A	Det
	↓	Fe	187	↓	98.2	↓	↓	↓	↓
	↓	Diss K	149	↓	74.5	↓	↓	↓	↓
	↓	Sb	138	↓	NA	↓	↓	↓	ND
	↓	Be	65	↓	NA	↓	↓	J/UJ/A	Det

Comment: (3): Several Metals > 4x, % Rec

VALIDATION FINDINGS WORKSHEET
Serial Dilution

LDC #:61834C

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Serial dilution analysis was performed by the laboratory. All serial dilution percent differences (%D) were within 10%D with the following exceptions:

Diluted Sample ID	Matrix	Analyte	%D	Associated Samples	Qualification	Det/ND
	Water	Al	27.8	1	J/UJ/A	Det
1	↓	Ca	31.2	↓	↓	↓
	↓	Cr	27.1	↓	↓	↓
	↓	Fe	21.6	↓	↓	↓
	↓	Mg	31.1	↓	↓	↓
	↓	K	14.6	↓	↓	↓
	↓	Na	32.6	↓	↓	↓
1	Water	Diss Ca	27.9	1	J/UJ/A	Det
	↓	Diss Cr	20.6	↓	↓	↓
	↓	Diss Mg	27.5	↓	↓	↓
	↓	Diss K	23.4	↓	↓	↓
	↓	Diss Na	29	↓	↓	↓

Comments:

VALIDATION FINDINGS WORKSHEETS
Laboratory Control Sample

LDC #:61834C

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/700
A LCS was analyzed for each matrix at the required frequencies. All LCS percent recoveries (%R) were within the acceptable limits with the following exceptions:

LCS ID	Matrix	Analyte	LCS %R	%R Limit	Associated Samples	Qualification	Det/ND
BE51213-BS1	Water	Ca	121	80-120	1	Jdet/P	Det
BE51216-BS1	↓	Diss Ca	127	↓	↓	↓	↓
BE51410-BS1	↓	Ca	121	↓	2	↓	↓
		Na	133	↓	↓	↓	↓

VALIDATION FINDINGS CHECKLIST

Calibration Calculation Verification

Reviewer: JC

LDC #:61834C

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample

%R = (Found/True) x 100 Found = concentration of each analyte measured in the analysis

True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP (ug/mL)	Diss Al	9.94	10	99.4	99.4	Y
CCV	ICP (ug/mL)	Ba	8.69	10	86.9	86.9	Y
LLCC	ICP (ug/mL)	Ni	0.0104	0.01	104	104	Y
ICSAB	ICP (ug/mL)	Cu	0.61	0.5	122	121	Y
ICV	ICP-MS	Diss Sb	48.9	50	97.8	97.7	Y
CCV	ICP-MS	Be	56.3	50	113	113	Y
LLCC	ICP-MS	As	1.12	1	112	112	Y
ICSAB	ICP-MS	Diss Se	21.84	20	109	109	Y
ICV	CVAA (mg/L)	Diss Hg	0.0040148	0.004	100.4	100.4	Y
CCV	CVAA (mg/L)	Hg	0.0040447	0.004	101.1	101.1	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
5/16/2025	Mass Axis	9	9	± 0.1 amu
5/19/2025	%RSD	139.9	0.6	≤ 5%

VALIDATION FINDINGS WORKSHEET

Quality Control Sample Recalculations

LDC #:61834C

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)

True = concentration of each analyte in the source

The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = (Absolute value(S-D)x 200) / (S+D)

S = Original sample concentration

D = Duplicate sample concentration

The serial dilution percent difference (%D) was recalculated using the following formula.

%D = (Absolute value (I - SDR)) x 100 / (I)

I = Initial sample result

SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
BE51219-BS1	LCS	Diss Tl	47.5	50	95	95.1	Y
3	MS	Hg	0.0025	0.0025	100	99	Y
4	Duplicate	Diss Ba	0.0619	0.0602	2.78	2.73	Y
PDS 1	PDS	Cu	0.2729	0.25	109	109	Y
SD 1	Serial dilution	Diss Ca	114	146	28	27.9	Y

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

LDC #:61834C

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Initial volume)

Sample ID	Analyte	Raw Data (ug/L,mg/L)	Dilution	Initial Weight/ Volume (mL)	Final Volume (mL)	Reported Result (ug/L, mg/L)	Recalculated Result (ug/L, mg/L)	Acceptable (Y/N)
1	Al	0.0826	1	45	50	0.0918	0.0918	Y
2	As (ug/L)	2.304146	1	45	50	2.56	2.56	Y

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834C
SDG #: 25E0936
Laboratory: York Analytial Laboratories, Inc., Stratford, CT

Date: 11/5/2025
Page: 1/1
Reviewer: JC
2nd Reviewer:

Method: Hexavalent Chromium (EPA 7196A); Trivalent Chromium (Calculation)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	Laboratory Blanks	A	
V	Field Blanks	ND	FB = 2
VI	Matrix Spike/Matrix Spike Duplicate	A	
VII	Laboratory Duplicate	A	
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	MDL< No Samples < RL
XI	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1 No Dilutions	25E0936-01		Water	05/14/2025	Category B
2	FB-1 ↓	25E0936-03	FB	Water	05/14/2025	Category B
3	MW-1MS	25E0936-01MS	MS	Water	05/14/2025	Category B
4	MW-1MSD	25E0936-01MSD	MSD	Water	05/14/2025	Category B
5	MW-1DUP	25E0936-01DUP	DUP	Water	05/14/2025	Category B

Notes:

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

MW-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0936

Client: Vektor Consultants Project: 32-20 38th Avenue Queens

Matrix: Ground Water Laboratory ID: 25E0936-01 File ID: HexChrome_SPECA_Ver1_BE51

Sampled: 05/14/25 09:40 Prepared: 05/14/25 22:23 Analyzed: 05/14/25 23:35

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BE51130 Sequence: Calibration: 05/14/25 2 Instrument: SPEC A

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.0746	1		EPA 7196A

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

FB-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0936

Client: Vektor Consultants Project: 32-20 38th Avenue Queens

Matrix: Water Laboratory ID: 25E0936-03 File ID: HexChrome_SPECA_Ver1_BE51

Sampled: 05/14/25 14:25 Prepared: 05/14/25 22:23 Analyzed: 05/14/25 23:35

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BE51130 Sequence: Calibration: 05/14/25 2 Instrument: SPEC A

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.0100	1	U	EPA 7196A

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

MW-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0936

Client: Vektor Consultants Project: 32-20 38th Avenue Queens

Matrix: Ground Water Laboratory ID: 25E0936-01 File ID: TNTONCr3_V1_BE51565_25052

Sampled: 05/14/25 09:40 Prepared: 05/20/25 14:40 Analyzed: 05/20/25 17:32

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BE51565 Sequence: Calibration: 05/20/25 1 Instrument: NA

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	0.0100	1	U	Calculation

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

FB-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0936

Client: Vektor Consultants Project: 32-20 38th Avenue Queens

Matrix: Water Laboratory ID: 25E0936-03 File ID: TNTONCr3_V1_BE51565_25052

Sampled: 05/14/25 14:25 Prepared: 05/20/25 14:40 Analyzed: 05/20/25 17:32

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BE51565 Sequence: Calibration: 05/20/25 1 Instrument: NA

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	0.0100	1	U	Calculation

LDC #: 61834C

All elements are applicable to each sample as noted below.

Sample ID	Target Analyte List
1-2	Hexavalent Chromium, Trivalent Chromium
QC	
3-5	Hexavalent Chromium

LDC #: 61834C	METHOD: Inorganics			
Validation Area	**Yes**	**No**	**NA**	**Findings/ Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
II./III. Calibration				
Were all instruments calibrated at the required frequency?	YES			
Were the proper number of standards used?	YES			
Were all initial and continuing calibration verifications within the QC limits?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
Were balance checks performed as required?	YES			
IV. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		~~NO~~	NA	Not Required by Method
V. Field Blanks				
Were field blanks identified in this SDG?	YES			
Were target analytes detected in the field blanks?		NO		
VI./VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	YES			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	YES			
VIII. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			

LDC #: 61834C	METHOD: Inorganics			
Validation Area	**Yes**	**No**	**NA**	**Findings/ Comments**
IX. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?			NA	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to	YES			

VALIDATION FINDINGS CHECKLIST

Initial and Continuing Calibration Calculation Verification

Reviewer: JC

METHOD: Inorganics

The correlation

Calibration date: 12/30/2024

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of Analysis	Analyte	Standard	Concentration (mg/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial Calibration	Hexavalent Chromium	s1	0.01	0.009	0.999776	0.999553	Y
		s2	0.05	0.043			
		s3	0.1	0.086			
		s4	0.25	0.207			
		s5	0.5	0.415			
		s6	0.75	0.642			
		s7					
		s8					
		s9					
		s10					
		s11					
		s12					

Type of Analysis	Analyte	Found (mg/L)	True (mg/L)		Recalculated %R	Reported %R	Acceptable (Y/N)
Calibration verification	Hexavalent Chromium	0.476001316	0.5		95	95	Y
Calibration verification	Hexavalent Chromium	0.46540676	0.5		93.081352	93.0813516	Y
Calibration verification							---

VALIDATION FINDINGS CHECKLIST

Quality Control Sample Recalculations

Reviewer: JC

LDC #: 61834C

METHOD: Inorganics

Percent recoveries (%R) for the laboratory control sample (LCS) and matrix spike (MS) were recalcuated using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)

True = concentration of each analyte in the source

The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = (Absolute value(S-D)x 200) / (S+D)

S = Original sample concentration

D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	Found/S	True/D	Recalculated %R/RPD	Reported %R/RPD	Acceptable (Y/N)
BE51130-BS1	LCS	Hexavalent Chromium	0.451	0.5	90.2	90.3	Y
3	MS	Hexavalent Chromium	0.4874	0.5	97.5	97.5	Y
5	Duplicate	Hexavalent Chromium	0.07458528	0.073408107	1.59	1.59	Y

VALIDATION FINDINGS CHECKLIST
Sample Calculation Verification

LDC #: 61834C

METHOD: Inorganics
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids (if applicable) x Initial weight or volume)

Sample ID	Analyte	Raw Data (mg/L)	Dilution	Initial Volume (mL)	Final Volume (mL)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
1	Hexavalent Chromium	0.07458528	1	100	100	0.0746	0.0746	Y

Matrix: Aqueous
Cr(III) = Total Chromium - Cr(VI)

Sample ID	Analyte	Total Chromium (mg/L)	Cr6+ (mg/L)	Reported Result (mg/L)	Recalculated Result ~~(units)~~ mg/L	Acceptable (Y/N)
2	Trivalent Chromium	0.00556 U	0.0100 U	0.0100 U	0.0100 U	Y

Site:	32-20 38th Avenue, Queens, NY
Laboratory:	York Analytical Laboratories, Inc., Stratford, CT/ ALS Environmental, Rochester, NY
SDG:	25E1068/R2505712
Reviewer:	Josephine Go and Pei Geng/Laboratory Data Consultants for vEKtor Consultants – New York, NY
Date:	November 13, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
MW-3	25E1068-01/R2505712-001	VOC, SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB, PFAS
MW-DUP-1	25E1068-02/R2505712-002	VOC, SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB, PFAS
MW-7	25E1068-03/R2505712-003	VOC, SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB
MW-2	25E1068-04/R2505712-004	VOC, PFAS
FB-2	25E1068-05	PFAS
MW-4	25E1068-06/R2505712-005	VOC
MW-5	25E1068-07/R2505712-006	VOC
TB-2	25E1068-08/R2505712-007	VOC

Associated QC Samples(s):

Field/Trip Blanks: FB-2 and TB-2
Field Duplicate pair: MW-3 and MW-DUP-1

The above-listed water samples were collected on May 15, 2025 and were analyzed for volatile organic compounds (VOC) by SW-846 method 8260D, semivolatile organic compounds (SVOC) by SW-846 methods 8270D and 8270D in selected ion monitoring (SIM) mode, 1,4-dioxane by SW-846 method 8270E in SIM mode, chlorinated pesticides by SW-846 method 8081B, polychlorinated biphenyls (PCB) by SW-846 method 8082A, and perfluoroalkyl and polyfluoroalkyl substances (PFAS) by method 1633. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014), the USEPA Region 2 *Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D,* SOP HW-22, Revision 5 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating Pesticide Compounds, Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B,* SOP HW-44, Revision 1.1 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating PCB Compounds, PCBs by Gas Chromatography SW-846 Method 8082A,* SOP HW-45, Revision 1 (October 2006), the Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023), and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Liquid Chromatography/Mass Spectrometry (LC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

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

The SVOC nondetect results for hexachlorocyclopentadiene in samples MW-3, MW-DUP-1, and MW-7 were rejected (R) due to severely low LCS percent recovery. The result is not usable for project objectives, which may have a major impact on the data usability.

The PFAS nondetect results for PFTrDA, PFTeDA, N-EtFOSE, and N-MeFOSE in sample MW-2 were rejected (R) due to severely low EIS percent recovery. The result is not usable for project objectives, which may have a major impact on the data usability.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Sample Preservation and Holding Times

VOC

All samples were received in good condition with the following exceptions:

Sample	Analyte	Finding	Criteria	Validation Action
MW-3 MW-DUP-1 MW-7 MW-2 MW-4 MW-5 TB-2	All analytes	2 of 3 cooler temperatures were reported at 11.2°C and 12.6°C upon receipt by the laboratory.	Cooler temperature must be ≤6°C.	J (all detects) UJ (all non-detects)

All technical holding time requirements were met.

SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB, and PFAS

All criteria were met.

GC/MS Tunes

VOC, SVOC, SVOC-SIM, and 1,4-Dioxane

All criteria were met.

GC/ECD Instrument Performance Checks

Pesticide and PCB

All criteria were met.

LC/MS Instrument Performance Check

PFAS

All criteria were met.

Initial and Continuing Calibrations

VOC

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/25/25	052525\E3551.D	Acrolein	225.3	MW-3	UJ (all non-detects)
		Chloromethane	21.1	MW-DUP-1	UJ (all non-detects)
				MW-7	
				MW-2	
				MW-4	
				MW-5	
				TB-2	

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

SVOC

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%RSD	Associated Samples	Validation Action
04/23/25	SD50040	2,4-Dinitrophenol	25.56489	MW-3	UJ (all non-detects)
		4-Nitrophenol	36.61938	MW-DUP-1	UJ (all non-detects)
				MW-7	

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/21/25	S5E2803-CCV1	2,4-Dinitrophenol	37.9	MW-3	UJ (all non-detects)
		2,4-Dinitrotoluene	22.0	MW-DUP-1	UJ (all non-detects)
		2-Nitroaniline	21.5	MW-7	UJ (all non-detects)
		3-Nitroaniline	23.7		UJ (all non-detects)
		4-Nitroaniline	22.2		UJ (all non-detects)
		Benzyl butyl phthalate	37.6		UJ (all non-detects)
		Carbazole	27.9		UJ (all non-detects)
		Di-n-butyl phthalate	34.4		UJ (all non-detects)
		Di-n-octyl phthalate	49.7		UJ (all non-detects)
		Hexachlorocyclopentadiene	53.5		UJ (all non-detects)

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

SVOC-SIM

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/22/25	S5E2208-SCV1	Hexachloroethane	339	MW-3	UJ (all non-detects)
		Nitrobenzene	27	MW-DUP-1	UJ (all non-detects)
		Pentachlorophenol	48	MW-7	UJ (all non-detects)

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/23/25	S5E2414-CCV1	Hexachloroethane	26.1	MW-3 MW-DUP-1 MW-7	UJ (all non-detects)

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

1,4-Dioxane

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0%.

Average relative response factors (RRF) were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0%.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0%.

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

Pesticide

Initial calibration:

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes.

PCB

Initial calibration:

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes.

PFAS

Initial calibration:

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 30.0% for all analytes.

The percent differences (%D) of the instrument sensitivity check (ISC) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/18/25	S5E1948-LCV1	N-MeFOSAA	52.7	MW-3	UJ (all non-detects)
		Perfluoro-1-nonanesulfonic acid (PFNS)	49.8	MW-DUP-1	UJ (all non-detects)
		N-EtFOSA	34.8	MW-2	UJ (all non-detects)
				FB-2	

Blanks

Contamination was not detected in the method blanks.

No positive results were found in the trip blank sample TB-2 for VOC analysis.

No positive results were found in the field blank sample FB-2 for PFAS analysis.

Surrogate Recoveries

VOC, SVOC-SIM, 1,4-Dioxane, Pesticide, and PCB

Surrogates were added to all samples as required by the methods. All surrogate recoveries (%R) were within QC limits.

SVOC

Surrogates were added to all samples as required by the method. Surrogate recoveries (%R) were not within QC limits for samples MW-3, MW-DUP-1, and MW-7. Using professional judgment, no data were qualified when one base or one acid surrogate %R was outside the QC limits and the %R was greater than or equal to 10%.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

LCS Results

VOC

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
RQ2506166-02 (MW-3 MW-DUP-1 MW-7 MW-2 MW-4 MW-5 TB-2)	Acrolein Methyl acetate	497 (13-165) 100 (44-93)	None

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

SVOC

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BE51609-BS1 (MW-3 MW-DUP-1 MW-7)	Hexachlorocyclopentadiene	0 (10-130)	R (all non-detects)

SVOC-SIM

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BE51610-BS2 (MW-3 MW-DUP-1 MW-7)	Hexachloroethane	246 (18-115)	None

No data were qualified due to high %R when the associated result was non-detected.

1,4-Dioxane and PCB

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

Pesticide

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BE51635-BS1 (MW-3 MW-DUP-1 MW-7)	delta-BHC	39 (40-140)	None

No data were qualified due to high %R when the associated result was non-detected.

PFAS

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BE51310-BS1 (MW-3 MW-DUP-1 MW-2 FB-2)	Perfluoro-4-oxapentanoic acid (PFMPA)	18.6 (50-150)	UJ (all non-detects)

LLLCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BE51310-BS2 (MW-3 MW-DUP-1 MW-2 FB-2)	Perfluoro-4-oxapentanoic acid (PFMPA)	19.2 (50-150)	UJ (all non-detects)

Field Duplicate Results

Samples MW-3 and MW-DUP-1 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

VOC

Analyte	Concentration (ug/L)		RPD
	MW-3	MW-DUP-1	
Tetrachloroethene	0.22	0.50U	Not calculable
Toluene	2.1	2.0	5
Trichloroethene	1.3	1.3	0
Trichlorofluoromethane	4.3	4.2	2

PFAS

Analyte	Concentration (ug/L)		RPD
	MW-3	MW-DUP-1	
Perfluorobutanesulfonic acid (PFBS)	5.29	4.14	24
Perfluorohexanoic acid (PFHxA)	19.2	15.8	19
Perfluoroheptanoic acid (PFHpA)	34.8	28.8	19
Perfluorohexanesulfonic acid (PFHxS)	7.88	6.92	13
Perfluorooctanoic acid (PFOA)	170	134	24
Perfluorooctanesulfonic acid (PFOS)	3.14	2.36	28
Perfluorononanoic acid (PFNA)	1.68	2.04	19
Perfluoropentanoic acid (PFPeA)	11.5	9.45	20
Perfluoro-1-heptanesulfonic acid (PFHpS)	1.22	0.902	30
Perfluoro-n-butanoic acid (PFBA)	13.1	10.1	26
Perfluoro-1-pentanesulfonate (PFPeS)	1.76	1.60	10

SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, and PCB

No results were detected in any of the samples.

Internal Standards

VOC, SVOC, SVOC-SIM, and 1,4-Dioxane

All internal standard areas and retention times were within QC limits.

Pesticide and PCB

All internal standard percent recoveries (%R) were within QC limits.

PFAS

All extracted internal standard percent recoveries (%R) were within QC limits with the following exceptions:

Sample	Internal Standard	%R (Limits)	Affected Analyte	Validation Action
MW-2	M2PFTeDA	6.05 (10-130)	PFTrDA	R (all non-detects)
	d9-N-EtFOSE	4.30 (10-130)	PFTeDA	R (all non-detects)
	d7-N-MeFOSE	3.89 (10-130)	N-EtFOSE	R (all non-detects)
			N-MeFOSE	R (all non-detects)
MW-2	M2-4:2 FTS	203 (40-200)	4:2FTS	None

No data were qualified due to high %R when the associated result was non-detected.

All non-extracted internal standard areas and retention times were within QC limits.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC and PFAS analyses. These results were qualified as estimated (J) by the laboratory.

No results were reported below the RL and above the MDL in the SVOC, SVOC-SIM, 1,4-dioxane, pesticide, and PCB analyses.

Dilutions were not required for VOC, SVOC, SVOC-SIM, 1,4-dioxane, pesticide, PCB, and PFAS analyses.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834D
SDG #: 25E1068/~~GCT30078~~/R2505712
Laboratory: York Analytial Laboratories, Inc., Stratford, CT / ~~Phoenix Environmenal Laboratories, Inc., Manchester, CT~~ / ALS Environmental, Rochester, NY

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVR
2nd Reviewer: JVR

Method: Volatiles (EPA 8260D)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	SW/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	RSD ≤ 20% r² ICV ≥ 30%
IV	Continuing Calibration	SW	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	ND	TB = 7
VII	Surrogate	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	SW	LCS
X	Field Duplicate	SW	D = 1/2
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	Results <RL> MDL = J dets
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Sub lab ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-3	R2505712-001	25E1068-01	FD	Water	05/15/2025	Category B
2	MW-DUP-1	-002	25E1068-02	FD	Water	05/15/2025	Category B
3	MW-7	-003	25E1068-03		Water	05/15/2025	Category B
4	MW-2	-004	25E1068-04		Water	05/15/2025	Category B
5	MW-4	-005	25E1068-06		Water	05/15/2025	Category B
6	MW-5	-006	25E1068-07		Water	05/15/2025	Category B
7	TB-2	-007	25E1068-08	TB	Water	05/15/2025	Category B

Notes:

R2506166-03 MD		

Method: Volatiles (EPA SW 846 Method 8260D)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?		✓		
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		

Method: Volatiles (EPA SW 846 Method 8260D)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓			
Were target analytes detected in the field duplicates?	✓			
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Technical Holding Times

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)

Samples identified below have exceeded the cooler temperature validation criteria of 0-6 deg C or the technical holding time criteria.

Sample ID	Matrix	Preserved	Sampling date	Extraction date	Analysis date	Total # of days	Qualifier
ALL	2 of 3 Cooler temp = 11.2 deg; 12.6 deg						J/UJ/A
(ND+DET)							

TECHNICAL HOLDING TIME CRITERIA:

VOLATILES:	Water unpreserved:	Within 7 days of sample collection
	Water preserved:	Within 14 days of sample collection
	Soils:	Within 14 days of sample collection
	Encores unpreserved:	Analyzed within 48 hours
	Encores preserved:	Analyzed within 14 days

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
VOA10	5/25/2025	052525\E3551.D	Acrolein	225.3		ALL (ND)	J/UJ/A
			Chloromethane	21.1		↓	↓

	DOD	NFG				
%D	20%/50%	20%	RRF:	0.001 - poor performers	0.005 - 1,4-Dioxane	0.05 - all other analytes

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
RQ2506166-02	Acrolein	497		13-165			ALL (ND)	J det/P
	Methyl Acetate	100		44-93				

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Field Duplicates

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)

Analyte	Concentration (ug/L)		RPD
	1	2	
Tetrachloroethene	0.22	0.50U	NC
Toluene	2.1	2.0	5
Trichloroethene	1.3	1.3	0
Trichlorofluoromethane	4.3	4.2	2

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$

average RRF = sum of the RRFs/number of standards

%RSD = 100 * (S/X)

A_x = Area of Compound

C_x = Concentration of compound,

S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard

C_{is} = Concentration of internal standard

X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 50 std)	Recalculated RRF (RRF 50 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	5/21/2025	cis-1,2-DCE (PFB)	0.4929	0.4929	0.4956	0.4956	12.8	12.8
			Toluene (DFB)	1.2350	1.2352	1.1480	1.1480	5.3	5.3
	R-MS-10		Tetrachloroethene (CBZ)	0.2993	0.2993	0.2883	0.2883	7.7	7.7
			1,1,2,2-TCA (DCB)	0.9448	0.9448	0.9081	0.9082	7.2	7.2

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Reviewer: JVG
2nd Reviewer:

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated % D
1	052525\E3551.D	05/25/25	cis-1,2-DCE (PFB)	0.4956	0.4863	0.4863	1.9	1.9
			Toluene (DFB)	1.1480	1.1792	1.1792	2.7	2.7
			Tetrachloroethene (CBZ)	0.2883	0.2915	0.2915	1.1	1.1
			1,1,2,2-TCA (DCB)	0.9081	0.8858	0.8858	2.5	2.5

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ug/L)	Surrogate Found (ug/L)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	50.00	53.964	108	108	0
1,2-Dichloroethane-d4	50.00	52.857	106	106	0
Toluene-d8	50.00	54.430	109	109	0
4-Bromofluorobenzene	50.00	54.371	109	109	0

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: ___RQ2506166-02 LCS____

Compound	SA				LCS		LCSD		LCS/LCSD	
	(ug/L)		(ug/L)		Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethane	20.00	NA	21.4	NA	107	107				
Trichloroethene	20.00	NA	20.4	NA	102	102				
Benzene	20.00	NA	21.3	NA	106	106.5				
Toluene	20.00	NA	22.0	NA	110	110				
Chlorobenzene	20.00	NA	21.0	NA	105	105				

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Vp)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vp = Volume purged
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Ci (ug/L)	RRF	DF	Vp (mL)	Vo (g)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
1	Toluene	27581	576023	50.0	1.148	1.00	5.00	5.00	na	2.085	2.10	1

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834D
SDG #: 25E1068/~~GCT30078/R2505712~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT / ~~Phoenix Environmenal Laboratories, Inc., Manchester, CT / ALS Environmental, Rochester, NY~~
Method: Semivolatiles (EPA 8270D)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVL
2nd Reviewer: AE

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A / A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	SW / A	RSD ≤ 20%. ICV ≤ 30%
IV	Continuing Calibration	SW	CCV ≤ 20%.
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Surrogate	SW	All - NQ - only 1 out (no MS)
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	SW	LCS
X	Field Duplicate	ND	D = 1/2
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-3	25E1068-01		Water	05/15/2025	Category B
2	MW-DUP-1	25E1068-02	FD	Water	05/15/2025	Category B
3	MW-7	25E1068-03		Water	05/15/2025	Category B

Notes:

BE51609-BLK1		

Method: Semivolatiles (EPA SW 846 Method 8270)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?		✓		
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		

Method: Semivolatiles (EPA SW 846 Method 8270)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓			
Were target analytes detected in the field duplicates?		✓		
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Initial Calibration

Reviewer: JVG

METHOD: GC/MS PAH (EPA SW 846 Method 8270D)

A five point calibration curve was performed.
A linear fit was used for evaluation and acceptance criteria for each analyte was met.
A curve fit was used for evaluation and the r2 acceptance criteria of ≥ 0.99 was met.
Initial calibration was performed was at the required frequency.

#	Date	Standard ID	Analyte	%RSD (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
BNA10	4/23/2025	SD50040	2,4-Dinitrophenol	25.56489		ALL (ND)	J/UJ/A
			4-Nitrophenol	36.61938		✓	✓

	DOD	NFG
RSD	15%	Method criteria

RRF: 0.05

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated analytes were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
BNA10	5/21/2025	S5E2803-CCV1	2,4-Dinitrophenol	37.9		ALL (-BLK) (ND)	J/UJ/A
			2,4-Dinitrotoluene	22.0			
			2-Nitroaniline	21.5			
			3-Nitroaniline	23.7			
			4-Nitroaniline	22.2			
			Benzyl butyl phthalate	37.6			
			Carbazole	27.9			
			Di-n-butyl phthalate	34.4			
			Di-n-octyl phthalate	49.7			
			Hexachlorocyclopentadiene	53.5			

	DOD	NFG
%D	20%/50%	Method criteria

RRF: 0.05

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BE51609-BS1	Hexachlorocyclopentadiene	0		10-130			ALL (ND)	J/R/P

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$ — A_x = Area of Compound — A_{is} = Area of associated internal standard

average RRF = sum of the RRFs/number of standards — C_x = Concentration of compound, — C_{is} = Concentration of internal standard

%RSD = 100 * (S/X) — S= Standard deviation of the RRFs, — X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 40 std)	Recalculated RRF (RRF 40 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	5/23/2025	Phenol (DCB)	1.964248	1.964248	2.043077	2.043077	8.49	8.49
			4-C-3-MP (NPT)	0.342853	0.891005	0.368147	0.368147	8.53	8.53
	BNA10		Diethylphthalate (ANT)	1.187582	1.187582	1.215632	1.215632	4.97	4.97
			Di-n-butyl phthalate (PHN)	1.033087	1.033087	1.005063	1.005063	7.79	7.79
	SD50040		3,3-DCB (CRY)	0.442368	0.442368	0.512287	0.512287	18.19	18.19

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,

Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated % D
1	S5E2803-CCV1	05/21/25	Phenol (DCB)	2.043077	2.200754	2.200754	7.7	7.7
			4-C-3-MP (NPT)	0.368147	0.372019	0.372019	1.1	1.1
	BNA10		Diethylphthalate (ANT)	1.215632	1.395154	1.395154	14.8	14.8
			Di-n-butyl phthalate (PHN)	1.005063	1.350788	1.350788	34.4	34.4
			3,3-DCB (CRY)	0.512287	0.481077	0.481077	6.1	6.1

LDC # 61834D

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ug/mL)	Surrogate Found (ug/mL)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	25.00	9.04	36.2	36.2	0
2-Fluorobiphenyl	25.00	11.69	46.8	46.8	0
Terphenyl-d14	25.00	17.09	68.4	68.4	0
Phenol-d5	50.00	7.45	14.9	14.9	0
2-Fluorophenol	50.00	14.02	28.0	28.0	0
2,4,6-Tribromophenol	50.00	32.09	64.2	64.2	0

LDC # 61834D

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BE51609-BS1

(on-col)

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	25.0	NA	5.97	NA	23.9	23.9				
N-Nitroso-di-n-propylamine	25.0	NA	13.4	NA	53.5	53.6				
4-Chloro-3-methylphenol	25.0	NA	19.3	NA	77.1	77.2				
Acenaphthene										
Pentachlorophenol										
Pyrene										

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Conc= (Response-b)/m

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
Vi = Volume injected
%S = % Solids

Sample #	Compound	Ax	Ais	Ci (ug/mL)	RRF	DF	Ve (mL)	Vo (mL)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	Phenol	179128	587470	40.0	2.043	1.00	1.0	1000.00	na	5.97	5.97	0
BE51609												

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834D
SDG #: 25E1068/~~GCT30078/R2505712~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix Environmenal Laboratories, Inc., Manchester, CT / ALS Environmental, Rochester, NY~~

Date: 11/5/2025
Page: 1 of 1
Reviewer: NV
2nd Reviewer: AC

Method: Semivolatiles (EPA 8270D SIM)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/SW	RSD ≤ 20% ICV ≤ 30%
IV	Continuing Calibration	SW	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Surrogate	A	(see full scan)
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	SW	LCS
X	Field Duplicate	ND	D = 1/2
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results <RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-3	25E1068-01		Water	05/15/2025	Category B
2	MW-DUP-1	25E1068-02	FD	Water	05/15/2025	Category B
3	MW-7	25E1068-03		Water	05/15/2025	Category B

Notes:

BE51610-BLK2		

Method: Semivolatiles (EPA SW 846 Method 8270D-SIM)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			✓	
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?		✓		
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?				
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		

Method: Semivolatiles (EPA SW 846 Method 8270D-SIM)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓			
Were target analytes detected in the field duplicates?		✓		
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Initial Calibration Verification

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D SIM)
A second source verification standard was analyzed after each ICAL for each instrument.
All analytes met the second source verification standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤30%)	Associated samples	Qualifications
BNA5	5/22/2025	S5E2208-SCV1	Hexachloroethane	339	ALL (ND)	J/UJ/A
			Nitrobenzene	27		
			Pentachlorophenol	48		

	DOD	NFG
%D	20%	30%

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D SIM)

Continuing calibration standards were analyzed at the required frequencies.

The retention times for all calibrated analytes were within their respective acceptance windows.

All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
BNA5	5/23/2025	S5E2414-CCV1	Hexachloroethane	26.1		ALL (ND)	J/UJ/A

	DOD	NFG
%D	20%/50%	Method criteria

RRF: 0.05

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D SIM)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BE51610-BS2	Hexachloroethane	246		18-115			ALL (ND)	J det/P

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D-SIM)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$ — A_x = Area of Compound — A_{is} = Area of associated internal standard

average RRF = sum of the RRFs/number of standards — C_x = Concentration of compound, — C_{is} = Concentration of internal standard

%RSD = 100 * (S/X) — S= Standard deviation of the RRFs, — X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 5/4 std)	Recalculated RRF (RRF 5/4 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	5/22/2025	NDMA (DCB)	0.395751	0.395751	0.369446	0.369446	3.99	3.99
			Naphthalene (NPT)	1.017808	1.017808	1.016559	1.016559	11.33	11.33
	BNA5		Acenaphthene (ANT)	1.095617	1.095617	1.082798	1.082798	10.89	10.89
			Phenanthrene (PHN)	1.079653	1.079653	1.064621	1.064621	10.56	10.56
	SE50036		BEHP (CRY)	0.734220	0.734220	0.746841	0.746841	6.20	6.20
			Benzo(g,h,i)perylene (PRY)	1.152336	1.152336	1.122471	1.122471	10.77	10.77

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D-SIM)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,

Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated % D
1	S5E2414-CCV1	05/23/25	NDMA (DCB)	0.36945	0.44243	0.44243	19.8	19.8
			Naphthalene (NPT)	1.01656	0.97402	0.97402	4.2	4.2
	BNA5		Acenaphthene (ANT)	1.08280	1.01899	1.01899	5.9	5.9
			Phenanthrene (PHN)	1.06462	0.99032	0.99032	7.0	7.0
			BEHP (CRY)	0.74684	0.81286	0.81286	8.8	8.8
			Benzo(g,h,i)perylene (PRY)	1.12247	1.07659	1.07659	4.1	4.1

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D-SIM)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BE51610-BS2

(on-col)

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol										
N-Nitroso-di-n-propylamine										
4-Chloro-3-methylphenol										
Acenaphthene	1.00	NA	0.57	NA	57.0	57.0				
Pentachlorophenol	1.00	NA	1.21	NA	121	121				
Pyrene	1.00	NA	0.65	NA	65.0	65.0				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D-SIM)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Conc= (Response-b)/m

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
Vi = Volume injected
%S = % Solids

Sample #	Compound	Ax	Ais	Ci (ug/mL)	RRF	DF	Ve (mL)	Vo (mL)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	Pyrene	3732401	18661921	4.0	1.226	1.00	1.0	1000.00	na	0.653	0.650	0
BE51610												

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834D
SDG #: 25E1068/~~GCT30078/R2505712~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix Environmenal Laboratories, Inc., Manchester, CT / ALS Environmental, Rochester, NY~~
Method: 1,4-Dioxane (EPA 8270E SIM)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JV
2nd Reviewer: AL

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A / A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A / A	RSD ≤ 20% ICV ≤ 30%
IV	Continuing Calibration	A	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Surrogate	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS LCS
IX	Laboratory Control Sample	A	
X	Field Duplicate	ND	D = 1/2
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-3	25E1068-01		Water	05/15/2025	Category B
2	MW-DUP-1	25E1068-02	FD	Water	05/15/2025	Category B
3	MW-7	25E1068-03		Water	05/15/2025	Category B

Notes:

BE51509BLK1		

LDC #: 61834D

VALIDATION FINDINGS CHECKLIST

Reviewer: JVG

Method: 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	√			
Was cooler temperature criteria met?	√			
II. GC/MS Instrument performance check (Not required)				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	√			
Were all samples analyzed within the 12 hour clock criteria?	√			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	√			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) ≥ 0.05?	√			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			√	
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	√			
Were all percent differences (%D) ≤30%?	√			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	√			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) ≥ 0.05?	√			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	√			
Was a laboratory blank analyzed for each matrix and concentration?	√			
Was there contamination in the laboratory blanks?		√		
VI. Field blanks				
Were field blanks identified in this SDG?		√		
Were target analytes detected in the field blanks?			√	
VII. Surrogate spikes				
Were all surrogate percent differences (%R) within QC limits?	√			
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			√	
If any percent recoveries (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			√	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		√		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			√	

VALIDATION FINDINGS CHECKLIST

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	√			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	√			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	√			
Were target analytes detected in the field duplicates?		√		
XI. Internal standards				
Were internal standard area counts within -50% or +100% of the associated calibration standard?	√			
Were retention times within ± 30 seconds of the associated calibration standard?	√			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	√			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	√			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	√			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	√			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	√			
Were chromatogram peaks verified and accounted for?	√			
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	√			

LDC#: 61834D

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$ — A_x = Area of Compound — A_{is} = Area of associated internal standard

average RRF = sum of the RRFs/number of standards — C_x = Concentration of compound, — C_{is} = Concentration of internal standard

%RSD = 100 * (S/X) — S= Standard deviation of the RRFs, — X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (0.5 std)	Recalculated RRF (0.5 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL BNA8	4/9/2025 SD50013	1,4-Dioxane (1,2-DCB-d4)	0.27276	0.27276	0.25438	0.25438	9.19	9.19

LDC#: 61834D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	S5E2127-CCV1	5/20/2025	1,4-Dioxane (1,2-DCB-d4)	0.25438	0.29336	0.29336	15.3	15.3

LDC# 61834D

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 2

Surrogate	Surrogate Spiked (ppb)	Surrogate Found (ppb)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
1,4-dioxane-d8	0.25	0.23	92.0	92.0	0

LDC# 61834D

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BE51509-BS1

Compound	SA				LCS		LCSD		LCS/LCSD	
	(ug/L)		(ug/L)		Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,4-Dioxane	4.00	NA	3.8	NA	95.2	95.3				

LDC# 61834D

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

Analyte results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Vp)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vp = Volume purged
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Ci (ug/mL)	RRF	DF	Vp (uL)	Vo (mL)	IDA factor	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	1,4-Dioxane	18420	165541	0.50	0.254	1.00	2000.00	125.00	0.96	3.65	3.81	0
BE51509												

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834D
SDG #: 25E1068/~~GCT30078/R2505712~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT ~~/ Phoenix Environmenal Laboratories, Inc., Manchester, CT / ALS Environmental, Rochester, NY~~

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer: A

Method: Organochlorine Pesticides (EPA 8081B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/ECD Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	r^2 ICV ≤ 20?
IV	Continuing Calibration	A	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Surrogate	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	SW	LCS
X	Field Duplicate	ND	D = 1/2
XI	Target Analyte Quantitation	A	no results < RL
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-3	25E1068-01	FD	Water	05/15/2025	Category B
2	MW-DUP-1	25E1068-02	FD	Water	05/15/2025	Category B
3	MW-7 +	25E1068-03		Water	05/15/2025	Category B

Notes:

BE51635-BLK1		

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?	✓			
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?	✓			
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?	✓			
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓			
Were target analytes detected in the field duplicates?		✓		
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?	✓			
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BE51635-BS1	delta-BHC	39		40-140			ALL (ND)	J det/P

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/12/2025	GC_5890_I	g-BHC	1	7090736	0.50	0.25
			2	14452044	1.00	1
			3	29240343	2.00	4
	SE50014	1C	4	88013818	5.00	25
			5	353800000	20.00	400
			6	906400000	50.00	2500
			7	1796300000	100.00	10000
			8	4529000000	200.00	40000

Regression Output			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9995068	0.9992934
X Coefficient(s)	b =	14747228.9626	
Std Err of Coef.	a =	39172.5367	
Correlation Coefficient		0.999753	
Coefficient of Determination (r^2)	r^ 2	0.999507	

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/12/2025	GC_5890_I	g-BHC	1	9056494	0.50	0.25
			2	17664691	1.00	1
		2C	3	35814235	2.00	4
	SE50014		4	107000000	5.00	25
			5	430600000	20.00	400
			6	1084100000	50.00	2500
			7	2131700000	100.00	10000
			8	5326900000	200.00	40000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9994643	0.9999440
X Coefficient(s)	b =	17794732.9553	
Std Err of Coef.	a =	43809.2939	
Correlation Coefficient		0.999732	
Coefficient of Determination (r^2)	r^ 2	0.999464	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/12/2025	GC_5890_I	Dieldrin	1	6605150	0.50	0.25
			2	13453952	1.00	1
			3	27166620	2.00	4
	SE50014	1C	4	80326480	5.00	25
			5	324100000	20.00	400
			6	788600000	50.00	2500
			7	1589100000	100.00	10000
			8	3904700000	200.00	40000

Regression Output			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9996233	0.9994569
X Coefficient(s)	b =	13333816.1301	
Std Err of Coef.	a =	30709.3378	
Correlation Coefficient		0.999812	
Coefficient of Determination (r^2)	r^ 2	0.999623	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/12/2025	GC_5890_I	Dieldrin	1	8273048	0.50	0.25
			2	16028342	1.00	1
			3	31916236	2.00	4
	SE50014	2C	4	92173398	5.00	25
			5	358400000	20.00	400
			6	864100000	50.00	2500
			7	1728500000	100.00	10000
			8	4168600000	200.00	40000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9996250	0.9994559
X Coefficient(s)	b =	14867721.5638	
Std Err of Coef.	a =	29621.3371	
Correlation Coefficient		0.999812	
Coefficient of Determination (r^2)	r^ 2	0.999625	

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Method: GC Pesticides (EPA SW 846 Method 8081B)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = 100 * (N - C)/N

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound		CCV Conc/CF	Reported Conc	Recalculated Conc	Reported % D	Recalculated %D
1	S5E2233-CCV4	5/22/2025	g-BHC	(1C)	50.000	50.508	50.509	1.0	1.0
			Dieldrin	(1C)	50.000	51.190	51.188	2.4	2.4
			g-BHC	(2C)	50.000	56.697	56.669	13.3	13.3
			Dieldrin	(2C)	50.000	55.760	55.759	11.5	11.5

LDC# 61834D

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP	200.000	76.440	38.2	38.2	0
Tetrachloro-m- xylene	RTX-CLP2	200.000	80.120	40.1	40.1	0
Decachlorobiphenyl	RTX-CLP	200.000	74.121	37.1	37.1	0
Decachlorobiphenyl	RTX-CLP2	200.000	80.719	40.4	40.4	0

LDC# 61834D

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BE51635-BS1

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	0.100	NA	0.044	NA	44.1	44.1				
4,4'-DDT	0.100	NA	0.064	NA	64.0	64.0				

LDC# 61834D

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured

DF = Dilution factor

CF = Calibration factor from continuing calibration curve

Vi = Initial volume or weight of sample extracted in milliters (mL) or grams (g)

Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	r2 coeff a	r2 coeff b	r2 coeff c	Vf (ml)	Vi (mL)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
3	Dieldrin	2677000000	30709	13333816.1	0	1.00	1000.00	1.00	NA	149.377	0.1494	0.149	0.0
	1C												

Area ratio (Y) = a (X^2) + b X + c

	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2a	(-b -())/ 2a
Dieldrin 1	2.6770E+09	30709.33779	13333816.13	0.0000	149.377	149.377	-2.677E+09	5.066E+14	22508359	149.3770935	-583.5712861

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834D
SDG #: 25E1068/~~GCT30078/R2505712~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix Environmenal Laboratories, Inc., Manchester, CT / ALS Environmental, Rochester, NY~~
Method: PCBs (EPA 8082A)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JR
2nd Reviewer: AC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	Initial Calibration/ ICV	A/A	~~RSDs 20%~~ r² ICV ≤ 20%
III	Continuing Calibration	A	CCV ≤ 20%
IV	Laboratory Blanks	A	
V	Field Blanks	N	
VI	Surrogate	A	
VII	Matrix Spike/Matrix Spike Duplicate	N	CS
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	ND	D = 1/2
X	Target Analyte Quantitation	A	no results <RL
XI	Target Analyte Identification	A	
XII	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-3	25E1068-01		Water	05/15/2025	Category B
2	MW-DUP-1	25E1068-02	FD	Water	05/15/2025	Category B
3	MW-7	25E1068-03		Water	05/15/2025	Category B

Notes:

BE51632 BLK1		

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?			✓	
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?			✓	
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?			✓	
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓			
Were target analytes detected in the field duplicates?		✓		
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?			✓	
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?	✓			
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC PCB (EPA SW 846 Method 8082A)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
3/14/2025	GC ECD1	1260-1	0.0125	11958083	0.01	0.0002
			0.0250	20682484	0.03	0.0006
	SC50021	1C	0.0500	39251615	0.05	0.0025
			0.2000	130400000	0.20	0.0400
			0.5000	297700000	0.50	0.2500
			1.0000	633200000	1.00	1.0000
			2.0000	1186000000	2.00	4.0000
			3.0000	1688600000	3.00	9.0000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9998668	*0.9997699*
X Coefficient(s)	b =	651518461.8785	
Std Err of Coef.	a =	-29440492.0361	
Correlation Coefficient		0.999933	
Coefficient of Determination (r^2)	r^ 2	0.999867	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC PCB (EPA SW 846 Method 8082A)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
3/14/2025	GC ECD1	1260-1	0.0125	93805186	0.01	0.0002
			0.0250	156700000	0.03	0.0006
	SC50021	2C	0.0500	307600000	0.05	0.0025
			0.2000	1115000000	0.20	0.0400
			0.5000	2175300000	0.50	0.2500
			1.0000	3107100000	1.00	1.0000
			2.0000	8196500000	2.00	4.0000
			3.0000	11353300000	3.00	9.0000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9951147	*0.9916554*
X Coefficient(s)	b =	3878563211.2655	
Std Err of Coef.	a =	-15118384.9707	
Correlation Coefficient		0.997554	
Coefficient of Determination (r^2)	r^ 2	0.995115	

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Method: GC PCB (EPA SW 846 Method 8082A)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = 100 * (N - C)/N

Where:
N = Initial Calibration Factor or Nominal Amount
C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound		CCV Conc	Reported Conc	Recalculated Conc	Reported % D	Recalculated %D
1	S5E2326-CCV1	5/22/2025	1260-1	1C	1.000	0.888	0.888	11.1	11.2
			1260-1	2C	1.000	1.110	1.108	10.8	10.8
2	S5E2326-CCV4	5/23/2025	1260-1	1C	1.000	0.881	0.881	11.9	11.9
			1260-1	2C	1.000	1.121	1.120	12.1	12.0

LDC# 61834D

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP	0.200	0.078	39.0	39.0	0
Tetrachloro-m- xylene	RTX-CLP2	0.200	0.082	41.0	41.0	0
Decachlorobiphenyl	RTX-CLP	0.200	0.085	42.5	42.5	0
Decachlorobiphenyl	RTX-CLP2	0.200	0.101	50.5	50.5	0

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BE51632-BS2

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	1.000	NA	0.608	NA	60.8	60.8				

LDC# 61834D

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Concentration = $\frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured

DF = Dilution factor

CF = Calibration factor from continuing calibration curve

Vi = Initial volume or weight of sample extracted in milliters (mL) or grams (g)

Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	r2 coeff a	r2 coeff b	r2 coeff c	Vf (ml)	Vi (L)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	1260-1	351000000	-29440492	651518462	0	1.00	1.00	1.00	NA	0.5525	0.553	0.552	0.0
BE51632	COL 1												
											Reported		
	1260-Total =	(0.552+0.659+0.718+0.564+0.548)						conc =	(0.608)(1mL)		**final conc**		
			5						(1.0L)				
	=	0.6082						=	0.608		0.608		

Area ratio (Y) = a (X^2) + b X + c

	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2a	(-b -())/ 2a
LCS	351000000	-29440492.0	651518461.9	0.0	0.55254	0.553	-351000000	3.831E+17	6.19E+08	0.552537067	21.57747561

61834D w pcb vektor 32-20 38th ave queens york

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834D
SDG #: 25E1068/~~GCT30078/R2505712~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT / ~~Phoenix Environmenal Laboratories, Inc., Manchester, CT / ALS Environmental, Rochester, NY~~
Method: PFAS (EPA 1633)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer: AC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	LC/MS Instrument Performance Check	A/A	r^2 ICV ≤ 30%
III	Initial Calibration/ ICV	A	CCV ≤ 30% ISC ≤ 30%
IV	Continuing Calibration/ISC/Bile Salt	SW	
V	Laboratory Blanks	A	
VI	Field Blanks	ND	FB = 4
VII	Matrix spike/Matrix spike duplicates	N	CS
VIII	Laboratory Control Sample/Low Level LCS	SW	
IX	Field Duplicate	SW	D = 1/2
X	Internal standard	SW	
XI	Target Analyte Quantitation	A	Results < RL > MDL = J dets
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-3	25E1068-01		Water	05/15/2025	Category B
2	MW-DUP-1	25E1068-02	FD	Water	05/15/2025	Category B
3	MW-2	25E1068-04		Water	05/15/2025	Category B
4	FB-2	25E1068-05	FB	Water	05/15/2025	Category B

Notes:

BES1310-BAK1		

VALIDATION FINDINGS CHECKLIST

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	✓			
III. Initial Calibration and Initial Calibration Verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) < 20%?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of > 0.990?	✓			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were the retention time windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) of the initial calibration verification < 30%?	✓			
IV. Continuing Calibration and Instrument Sensitivity Check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	✓			
Were all percent differences (%D) of the continuing calibration < 30%?	✓			
Were all the retention times within the acceptance windows	✓			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were all percent differences (%D) of the Instrument Sensitivity Check < 30%?		✓		
Were the RTs for the bile salt peaks outside the RT window of PFOS by at least one minute?	✓			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field Blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Matrix Spike/Matrix Spike Duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓			
Were target analytes detected in the field duplicates?	✓			

Validation Area	Yes	No	NA	Findings/Comments
X. Internal Standards				
Were extracted internal standard (EIS) percent recoveries (%R) within QC limits?		✓		
Were non-extracted internal standard (NIS) areas within 50-200% of the average area of the calibration standards?	✓			
Were NIS retention times within 0.4 minutes of the initial calibration midPoint?	✓			
XI. Target Analyte Quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?			✓	
Did reported results include both branched and linear isomers?	✓			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	✓			
Were analyte quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	✓			
XII. Target Analyte Identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	✓			
Were ion ratios between 50-150%?	✓			
Were manual integrations reviewed and found acceptable?	✓			
Did the laboratory provide before and after integration printouts?	✓			
XIII. Overall assesment of Data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration/Instrument Sensitivity Check

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

Date	Standard ID	Analyte	Finding %D (Limit: ≤30.0%)	Associated Sample	Qualifications
5/18/25	S5E1948-LCV1	N-MeFOSAA	52.7	All (ND)	J/UJ/P
	(Low level/ISC)	Perfluoro-1-nonanesulfonic acid (PFNS)	49.8		
		N-EtFOSA	34.8		

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.

Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BE51310-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)	18.6		50-150			All (ND)	J/UJ/P
BE51310-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)	19.2		50-150			All (ND)	J/UJ/P
(Low level)								

LDC #: 61834D

VALIDATION FINDINGS WORKSHEET
Field Duplicates

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

Analyte	Concentration (ug/L)		RPD
	1	2	
Perfluorobutanesulfonic acid (PFBS)	5.29	4.14	24
Perfluorohexanoic acid (PFHxA)	19.2	15.8	19
Perfluoroheptanoic acid (PFHpA)	34.8	28.8	19
Perfluorohexanesulfonic acid (PFHxS)	7.88	6.92	13
Perfluorooctanoic acid (PFOA)	170	134	24
Perfluorooctanesulfonic acid (PFOS)	3.14	2.36	28
Perfluorononanoic acid (PFNA)	1.68	2.04	19
Perfluoropentanoic acid (PFPeA)	11.5	9.45	20
Perfluoro-1-heptanesulfonic acid (PFHpS)	1.22	0.902	30
Perfluoro-n-butanoic acid (PFBA)	13.1	10.1	26
Perfluoro-1-pentanesulfonate (PFPeS)	1.76	1.60	10

VALIDATION FINDINGS WORKSHEET

Extracted Internal Standards

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)
All labeled compounds standard %Rs were within QC limits with the exceptions identified below.

#	Sample ID	Labeled Compound	%R	%R Limits	Associated Analytes	Qualifications
	1 (ND))	d9-N-EtFOSE	17.1	25-150	N-EtFOSE	J/UJ/P
		d7-N-MeFOSE	21.7	25-150	N-MeFOSE	
	2 (ND)	d-N-EtFOSA	16.6	25-150	N-EtFOSA	J/UJ/P
		d9-N-EtFOSE	11.7	25-150	N-EtFOSE	
		d7-N-MeFOSE	11.8	25-150	N-MeFOSE	
	3 (ND)	M2PFTeDA	6.05	10-150 10-130	PFTrDA, PFTeDA	J/R/P
		M2-4:2 FTS	203	25-150 40-200	4:2FTS	J det/P
		d-N-EtFOSA	15.2	25-150	~~N-EtFOSA~~	~~J/UJ/P~~
		d9-N-EtFOSE	4.30	25-150 10-130	N-EtFOSE	J/R/P
		d7-N-MeFOSE	3.89	25-150	N-MeFOSE	J/R/P
	4 (ND)	MPFBA	13.3	25-150	PFBA	J/UJ/P

LDC#: 61834D

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

Method: PFAS (EPA 1633)

Date	Instrument	Compound	Standards	(Y) Response Ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
5/18/2025	QQQ	L-PFOA	0.200	0.0720	0.080	0.0064
			0.500	0.1850	0.20	0.0400
		M8PFOA	1.250	0.5183	0.50	0.2500
	SE50026		2.500	0.9813	1.00	1.0000
			5.000	1.9997	2.00	4.0000
			12.500	5.1109	5.00	25.0000
			25.000	9.2456	10.00	100.0000
			62.500	25.0544	25.00	625.0000

Regression Output

			Reported
Constant	c =	0.0905	0.0014
R Squared		0.9996126	0.998811
X Coefficient(s)	a =	2.94289E-03	1.36000E-03
	b =	9.272287E-01	9.62237E-01
Correlation Coefficient		0.999806	
Coefficient of Determination (r^2)	r^ 2	0.999613	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: PFAS (EPA 1633)

Date	Instrument	Compound	Standards	(Y) Response Ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
5/18/2025	QQQ	L-PFOS	0.186	0.2320	0.074	0.0055
			0.464	0.5058	0.19	0.0344
		M8PFOS	1.160	1.2370	0.46	0.2153
	SE50026	(IS = 2.375 ng/mL)	2.320	2.4516	0.93	0.8612
			4.640	4.7256	1.86	3.4447
			11.600	11.6702	4.64	21.5296
			23.200	22.1130	9.28	86.1184
			58.000	56.8872	23.20	538.2400

Regression Output

			Reported
Constant	c =	0.1949	0.0016
R Squared		0.9998736	0.999609
X Coefficient(s)	a =	1.61565E-03	-5.63372E-04
	b =	2.412536E+00	2.35134E+00
Correlation Coefficient		0.999937	
Coefficient of Determination (r^2)	r^ 2	0.999874	

LDC#: 61834D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

Method: PFAS (EPA 1633)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	S5E1948-CCV5 LCQQQ	5/19/2025	PFOA (M8PFOA)	2.50	2.35	2.345	6.1	6.2
			PFOS (M8PFOA)	2.32	2.25	2.286	2.8	1.5

LDC # 61834D

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BE51310-BS1

Compound	SA (ng/L)		SSC (ng/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
PFOA	40.0	NA	41.6	NA	104	104				
PFOS	37.2	NA	43.2	NA	116	116				

LDC # 61834D

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vi = Initial volume or weight of sample extracted in milliters (mL) or grams (g)
Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	Ais	r2 coeff a	r2 coeff b	r2 coeff c	Vf (uL)	Vi (mL)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ng/L)	Reported Concentration (ng/L)	% Diff
1	PFOA	137740	20127	0.001360	0.962237	0.001608	5000.00	517.10	1.00	NA	17.353	167.79	170.00	0.0

Area ratio (Y) = a (X^2) + b X + c

	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2	(-b -())/ 2a
SAMPLE 1											
pfoa	17.10885875	0.00136	0.96224	0.00161	17.3530197	17.353	-17.107251	1.01896349	1.0094372	17.35302	-724.880226

Site:	32-20 38th Avenue, Queens, NY
Laboratory:	York Analytical Laboratories, Inc., Stratford, CT/Phoenix Environmental Laboratories, Inc., Manchester, CT
SDG:	25E1068/GCT30078
Reviewer:	Jon Carmichael and Pei Geng/Laboratory Data Consultants for vEKtor Consultants – New York, NY
Date:	November 12, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID/SUB LAB ID	FRACTIONS VALIDATED
MW-3	25E1068-01/CT30078	Metals, Wet Chemistry
MW-DUP-1	25E1068-02/CT30079	Metals, Wet Chemistry
MW-7	25E1068-03/CT30080	Metals, Wet Chemistry
MW-DUP-1MS	25E1068-02MS	Metals
MW-DUP-1DUP	25E1068-02DUP	Metals
MW-7MS	25E1068-03MS	Metals
MW-7DUP	25E1068-03DUP	Metals

Associated QC Samples(s):

Field/Trip Blanks:	None Associated
Field Duplicate pair:	MW-3 and MW-DUP-1

The above-listed water samples were collected on May 15, 2025 and were analyzed for metals and dissolved metals by SW-846 methods 6010D, 6020B, and 7470A, hexavalent chromium by SW-846 method 7196A, and trivalent chromium by calculation. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for ICP-MS Data Validation,* SOP No. HW-3b, ISM02.2, , Revision 1 (September 2016), the USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Internal Standards
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

Initial and Continuing Calibration

Metals

Initial and continuing calibrations were performed as required by the methods.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits with the following exceptions:

Date	Lab. Reference/ID	Analyte	%R (90-110)	Associated Samples	Validation Action
05/21/25	S5E2134-CCV5	Dissolved Antimony Dissolved Cadmium	142 132	MW-3 MW-DUP-1 MW-7	None
05/19/25	S5E2006-CCVN	Barium	86.9	MW-7	J (all detects)

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

Wet Chemistry

All criteria were met.

ICP Interference Check Sample Analysis

Metals

All criteria were met.

Blanks

Metals

Analytes were detected below the reporting limits in the laboratory blank samples. The following table summarizes the contamination and validation actions taken.

Blank ID	Analyte	Level Detected	Action Level	Associated Samples
PB (prep blank)	Calcium	0.0583 mg/L	0.583 mg/L	MW-7

Blank Actions for analytes detected below the reporting limit (RL).
If the sample result is < RL, report the result as nondetect (U) at the RL.
If the sample result is > RL or nondetect, no action is required.
Blank Actions for analytes detected above the reporting limit or RL.
If the sample result is < RL and <action level; report the result as nondetect (U) at the RL.
If the sample result is > RL and < action level; report the result as nondetect (U) at the reported value.
If the sample result is > action level or nondetect, no action is required.

No samples were qualified since the associated sample results were greater than the action level.

A field blank was not associated with this sample set. Validation action was not required on this basis.

Wet Chemistry

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

MS/MSD Results

Metals

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

Spike ID (Associated Samples)	Analyte	%R	Limits	Validation Action
MW-DUP-1MS (MW-3 MW-DUP-1)	Iron	159	75-125	J (all detects)

For MW-DUP-1MS and MW-7MS, no data were qualified for several percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

Wet Chemistry

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

Laboratory Duplicate Results

Metals

Laboratory duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits with the following exceptions:

DUP ID (Associated Samples)	Analyte	RPD (Limits)	Difference (≤0.00556)	Validation Action
MW-7DUP (MW-3 MW-DUP-1 MW-7)	Dissolved chromium	-	0.0067	J (all detects) UJ (all non-detects)

Wet Chemistry

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

Serial Dilution

Metals

Serial dilution analysis was performed on an associated project sample. Percent differences (%D) were within QC limits with the following exceptions:

Diluted Sample	Analyte	%D (≤10)	Associated Samples	Validation Action
MW-7	Dissolved calcium	31.6	MW-3	J (all detects)
	Dissolved magnesium	32.5	MW-DUP-1	UJ (all non-detects)
	Dissolved manganese	30.4	MW-7	
	Dissolved potassium	30.5		
	Dissolved sodium	30.9		

LCS Results

Metals

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

LCS ID (Associated Samples)	Analyte	%R	Limits	Validation Action
BE51410-BS1 (MW-7)	Calcium	121	80-120	J (all detects)
	Sodium	133	80-120	J (all detects)
BE51441-BS1 (MW-3 MW-DUP-1)	Calcium	142	80-120	J (all detects)
BE51463-BS1 (MW-3 MW-DUP-1 MW-7)	Dissolved antimony	129	80-120	None

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

Wet Chemistry

All criteria were met.

Field Duplicate Results

Samples MW-3 and MW-DUP-1 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Metals

Analyte	Concentration		RPD
	MW-3	MW-DUP-1	
Aluminum	24.8 mg/L	34.1 mg/L	32
Arsenic	2.71 ug/L	1.19 ug/L	78
Barium	0.716 mg/L	1.09 mg/L	41

Analyte	Concentration		RPD
	MW-3	MW-DUP-1	
Beryllium	1.18 ug/L	1.06 ug/L	11
Cadmium	1.11U mg/L	0.934 mg/L	17
Calcium	159 mg/L	226 mg/L	35
Chromium	0.0750 mg/L	0.0940 mg/L	22
Cobalt	0.0830 mg/L	0.128 mg/L	43
Iron	24.6 mg/L	31.0 mg/L	23
Lead	0.0550 mg/L	0.0550 mg/L	0
Magnesium	42.4 mg/L	60.8 mg/L	36
Manganese	4.60 mg/L	7.43 mg/L	47
Nickel	0.100U mg/L	0.135 mg/L	30
Potassium	9.77 mg/L	12.6 mg/L	25
Selenium	8.67 ug/L	7.88 ug/L	10
Sodium	277 mg/L	309 mg/L	11
Zinc	0.250U mg/L	0.306 mg/L	20
Dissolved barium	0.0786 mg/L	0.0786 mg/L	0
Dissolved calcium	84.6 mg/L	83.6 mg/L	1
Dissolved magnesium	17.7 mg/L	17.2 mg/L	3
Dissolved potassium	3.24 mg/L	3.37 mg/L	4
Dissolved selenium	7.59 ug/L	4.87 ug/L	44
Dissolved sodium	277 mg/L	275 mg/L	1

Wet Chemistry

Analyte	Concentration (mg/L)		RPD
	MW-3	MW-DUP-1	
Trivalent chromium	0.0750	0.0940	22

Internal Standards

Metals

All internal standard percent recoveries (%R) were within QC limits.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals and wet chemistry analyses.

Dilutions were not required for metals and wet chemistry analyses.

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

Metals

The results for the dissolved metals sample analyses were greater than the total metals sample analyses as follows:

Sample	Analyte	Concentration (mg/L)	
		Total	Dissolved
MW-7	Manganese	0.227	0.237
	Potassium	6.37	6.55
	Sodium	43.8	44.2
	Zinc	0.0278U	0.0609

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834D
SDG #: 25E1068/GCT30078
Laboratory: York Analytial Laboratories, Inc., Stratford, CT / Phoenix Environmenal Laboratories, Inc., Manchester, CT
Method: Metals, Dissolved Metals (EPA 6010D); Metals, Dissolved Metals (EPA 6020B); Mercury, Dissolved Mercury (EPA 7470A)

Date: 11/5/2025
Page: 1/1
Reviewer: JC
2nd Reviewer: R

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	ICP/MS Tune	A	
III	Initial Calibration	A	
IV	ICV/Continuing Calibration	SW	
V	ICP Interference Check Sample Analysis	A	
VI	Laboratory Blanks	SW	
VII	Field Blanks	N	
VIII	Matrix Spike/Matrix Spike Duplicate	SW	
IX	Laboratory Duplicate	SW	
X	Serial Dilution	SW	
XI	Laboratory Control Sample	SW	LCS
XII	Field Duplicate	SW	FD = (1,2)
XIII	Internal Standards (ICP-MS)	A	
XIV	Target Analyte Quantitation	SW	MDL < No Samples < RL
XV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID / Sub Lab ID	QC Type	Matrix	Date	Stage
1	MW-3 No Dilution	25E1068-01/ CT30078 *		Water	05/15/2025	Category B
2	MW-DUP-1 ↓	25E1068-02 / CT30079 *	FD	Water	05/15/2025	Category B
3	MW-7 ↓	25E1068-03 / CT30080 *		Water	05/15/2025	Category B
4	MW-DUP-1MS	25E1068-02MS	MS	Water	05/15/2025	Category B
5	MW-DUP-1DUP	25E1068-02DUP	DUP	Water	05/15/2025	Category B
6	MW-7MS	25E1068-03MS	MS	Water	05/15/2025	Category B
7	MW-7DUP	25E1068-03DUP	DUP	Water	05/15/2025	Category B

Notes:
* From SDG: GCT30078/ Sub Lab ID CT30078
* From SDG: GCT30078/ Sub Lab ID CT30079
* From SDG: GCT30078/ Sub Lab ID CT30080

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-01 File ID: QBI052025B_WATER-070

Sampled: 05/15/25 12:00 Prepared: 05/19/25 14:57 Analyzed: 05/20/25 15:01

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 5 mL / 50 mL

Batch: BE51441 Sequence: S5E2018 Calibration: 05/20/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	24.8	1		EPA 6010D
7429-90-5	Aluminum (dissolved)	0.0556	1	U	EPA 6010D
7440-39-3	Barium	0.716	1		EPA 6010D
7440-39-3	Barium (dissolved)	0.0786	1		EPA 6010D
7440-70-2	Calcium	159	1		EPA 6010D
7440-70-2	Calcium (dissolved)	84.6	1		EPA 6010D
7440-47-3	Chromium	0.0750	1		EPA 6010D
7440-47-3	Chromium (dissolved)	0.00556	1	U	EPA 6010D
7440-48-4	Cobalt	0.0830	1		EPA 6010D
7440-48-4	Cobalt (dissolved)	0.00444	1	U	EPA 6010D
7440-50-8	Copper	0.200	1	U	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-89-6	Iron	24.6	1		EPA 6010D
7439-89-6	Iron (dissolved)	0.278	1	U	EPA 6010D
7439-92-1	Lead	0.0550	1		EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	42.4	1		EPA 6010D
7439-95-4	Magnesium (dissolved)	17.7	1		EPA 6010D
7439-96-5	Manganese	4.60	1		EPA 6010D
7439-96-5	Manganese (dissolved)	0.00556	1	U	EPA 6010D
7440-02-0	Nickel	0.100	1	U	EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-09-7	Potassium	9.77	1		EPA 6010D
7440-09-7	Potassium (dissolved)	3.24	1		EPA 6010D
7440-22-4	Silver	0.0500	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-01 File ID: QBI052125A_DISS_WATER-016

Sampled: 05/15/25 12:00 Prepared: 05/19/25 15:18 Analyzed: 05/21/25 09:40

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BE51462 Sequence: S5E2109 Calibration: 05/21/25 0 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D
7440-23-5	Sodium	277	1		EPA 6010D
7440-23-5	Sodium (dissolved)	277	1		EPA 6010D
7440-62-2	Vanadium	0.100	1	U	EPA 6010D
7440-62-2	Vanadium (dissolved)	0.0111	1	U	EPA 6010D
7440-66-6	Zinc	0.250	1	U	EPA 6010D
7440-66-6	Zinc (dissolved)	0.0278	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-DUP-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-02 File ID: QBI052025B_WATER-071

Sampled: 05/15/25 12:20 Prepared: 05/19/25 14:57 Analyzed: 05/20/25 15:02

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 5 mL / 50 mL

Batch: BE51441 Sequence: S5E2018 Calibration: 05/20/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	34.1	1		EPA 6010D
7429-90-5	Aluminum (dissolved)	0.0556	1	U	EPA 6010D
7440-39-3	Barium	1.09	1		EPA 6010D
7440-39-3	Barium (dissolved)	0.0786	1		EPA 6010D
7440-70-2	Calcium	226	1		EPA 6010D
7440-70-2	Calcium (dissolved)	83.6	1		EPA 6010D
7440-47-3	Chromium	0.0940	1		EPA 6010D
7440-47-3	Chromium (dissolved)	0.00556	1	U	EPA 6010D
7440-48-4	Cobalt	0.128	1		EPA 6010D
7440-48-4	Cobalt (dissolved)	0.00444	1	U	EPA 6010D
7440-50-8	Copper	0.200	1	U	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-89-6	Iron	31.0	1		EPA 6010D
7439-89-6	Iron (dissolved)	0.278	1	U	EPA 6010D
7439-92-1	Lead	0.0550	1		EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	60.8	1		EPA 6010D
7439-95-4	Magnesium (dissolved)	17.2	1		EPA 6010D
7439-96-5	Manganese	7.43	1		EPA 6010D
7439-96-5	Manganese (dissolved)	0.00556	1	U	EPA 6010D
7440-02-0	Nickel	0.135	1		EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-09-7	Potassium	12.6	1		EPA 6010D
7440-09-7	Potassium (dissolved)	3.37	1		EPA 6010D
7440-22-4	Silver	0.0500	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-DUP-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-02 File ID: QBI052125A_DISS_WATER-017

Sampled: 05/15/25 12:20 Prepared: 05/19/25 15:18 Analyzed: 05/21/25 09:41

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BE51462 Sequence: S5E2109 Calibration: 05/21/25 0 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D
7440-23-5	Sodium	309	1		EPA 6010D
7440-23-5	Sodium (dissolved)	275	1		EPA 6010D
7440-62-2	Vanadium	0.100	1	U	EPA 6010D
7440-62-2	Vanadium (dissolved)	0.0111	1	U	EPA 6010D
7440-66-6	Zinc	0.306	1		EPA 6010D
7440-66-6	Zinc (dissolved)	0.0278	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-7

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-03 File ID: QBI051925A_WATER-264

Sampled: 05/15/25 09:00 Prepared: 05/19/25 09:11 Analyzed: 05/19/25 17:07

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BE51410 Sequence: S5E2006 Calibration: 05/19/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	1.16	1		EPA 6010D
7429-90-5	Aluminum (dissolved)	0.0556	1	U	EPA 6010D
7440-39-3	Barium	0.0687	1		EPA 6010D
7440-39-3	Barium (dissolved)	0.0638	1		EPA 6010D
7440-70-2	Calcium	136	1	B	EPA 6010D
7440-70-2	Calcium (dissolved)	135	1		EPA 6010D
7440-47-3	Chromium	0.0139	1		EPA 6010D
7440-47-3	Chromium (dissolved)	0.0121	1		EPA 6010D
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D
7440-48-4	Cobalt (dissolved)	0.00444	1	U	EPA 6010D
7440-50-8	Copper	0.0222	1	U	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-89-6	Iron	1.53	1		EPA 6010D
7439-89-6	Iron (dissolved)	0.278	1	U	EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	49.6	1		EPA 6010D
7439-95-4	Magnesium (dissolved)	47.1	1		EPA 6010D
7439-96-5	Manganese	0.227	1		EPA 6010D
7439-96-5	Manganese (dissolved)	0.237	1		EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-09-7	Potassium	6.37	1		EPA 6010D
7440-09-7	Potassium (dissolved)	6.55	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-7

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-03 File ID: QBI052125A_DISS_WATER-018

Sampled: 05/15/25 09:00 Prepared: 05/19/25 15:18 Analyzed: 05/21/25 09:43

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BE51462 Sequence: S5E2109 Calibration: 05/21/25 0 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D
7440-23-5	Sodium	43.8	1		EPA 6010D
7440-23-5	Sodium (dissolved)	44.2	1		EPA 6010D
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D
7440-62-2	Vanadium (dissolved)	0.0111	1	U	EPA 6010D
7440-66-6	Zinc	0.0278	1	U	EPA 6010D
7440-66-6	Zinc (dissolved)	0.0609	1		EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-01 File ID: QBIMX052225A-059

Sampled: 05/15/25 12:00 Prepared: 05/19/25 09:01 Analyzed: 05/22/25 14:18

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 22.5 mL / 50 mL

Batch: BE51404 Sequence: S5E2132 Calibration: 05/22/25 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	2.22	1	U	EPA 6020B
7440-36-0	Antimony (dissolved)	5.56	1	U	EPA 6020B
7440-38-2	Arsenic	2.71	1		EPA 6020B
7440-38-2	Arsenic (dissolved)	5.56	1	U	EPA 6020B
7440-41-7	Beryllium	1.18	1		EPA 6020B
7440-41-7	Beryllium (dissolved)	1.67	1	U	EPA 6020B
7440-43-9	Cadmium	1.11	1	U	EPA 6020B
7440-43-9	Cadmium (dissolved)	2.78	1	U	EPA 6020B
7782-49-2	Selenium	8.67	1		EPA 6020B
7782-49-2	Selenium (dissolved)	7.59	1		EPA 6020B
7440-28-0	Thallium (dissolved)	5.56	1	U	EPA 6020B
7440-28-0	Thallium	2.22	1	U	EPA 6020B

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-DUP-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-02 File ID: QBIMX052225A-060

Sampled: 05/15/25 12:20 Prepared: 05/19/25 09:01 Analyzed: 05/22/25 14:23

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BE51404 Sequence: S5E2132 Calibration: 05/22/25 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	1.11	1	U	EPA 6020B
7440-36-0	Antimony (dissolved)	1.11	1	U	EPA 6020B
7440-38-2	Arsenic	1.19	1		EPA 6020B
7440-38-2	Arsenic (dissolved)	1.11	1	U	EPA 6020B
7440-41-7	Beryllium	1.06	1		EPA 6020B
7440-41-7	Beryllium (dissolved)	0.333	1	U	EPA 6020B
7440-43-9	Cadmium	0.934	1		EPA 6020B
7440-43-9	Cadmium (dissolved)	0.556	1	U	EPA 6020B
7782-49-2	Selenium	7.88	1		EPA 6020B
7782-49-2	Selenium (dissolved)	4.87	1		EPA 6020B
7440-28-0	Thallium (dissolved)	1.11	1	U	EPA 6020B
7440-28-0	Thallium	1.11	1	U	EPA 6020B

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-7

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-03 File ID: QBIMX052225A-061

Sampled: 05/15/25 09:00 Prepared: 05/19/25 09:01 Analyzed: 05/22/25 14:27

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BE51404 Sequence: S5E2132 Calibration: 05/22/25 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	1.11	1	U	EPA 6020B
7440-36-0	Antimony (dissolved)	2.22	1	U	EPA 6020B
7440-38-2	Arsenic	1.53	1		EPA 6020B
7440-38-2	Arsenic (dissolved)	2.22	1	U	EPA 6020B
7440-41-7	Beryllium	0.333	1	U	EPA 6020B
7440-41-7	Beryllium (dissolved)	0.667	1	U	EPA 6020B
7440-43-9	Cadmium	0.556	1	U	EPA 6020B
7440-43-9	Cadmium (dissolved)	1.11	1	U	EPA 6020B
7782-49-2	Selenium	13.5	1		EPA 6020B
7782-49-2	Selenium (dissolved)	10.5	1		EPA 6020B
7440-28-0	Thallium (dissolved)	2.22	1	U	EPA 6020B
7440-28-0	Thallium	1.11	1	U	EPA 6020B

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-3

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT30078

Lab Sample Id: CT30078 Sample Matrix: Dissolved

Date Received: 5/16/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	05/20/25 07:57	AV

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-DUP-1

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT30078

Lab Sample Id: CT30079 Sample Matrix: Dissolved

Date Received: 5/16/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	05/20/25 08:00	AV

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-7

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT30078

Lab Sample Id: CT30080 Sample Matrix: Dissolved

Date Received: 5/16/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	05/20/25 08:02	AV

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-3

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT30078

Lab Sample Id: CT30078 Sample Matrix: LIQUID

Date Received: 5/16/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	05/20/25 09:51	AV

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-DUP-1

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT30078

Lab Sample Id: CT30079 Sample Matrix: LIQUID

Date Received: 5/16/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	05/20/25 09:54	AV

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET Client Id

MW-7

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT30078

Lab Sample Id: CT30080 Sample Matrix: LIQUID

Date Received: 5/16/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	05/20/25 09:56	AV

FORM I - IN

LDC #: 61834D

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1-3	Water	6010D	Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
↓	↓	↓	Dissolved: Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
1-3	Water	6020B	Sb, As, Be, Cd, Se, Tl
↓	↓	↓	Dissolved: Sb, As, Be, Cd, Se, Tl
1-3	Water	7470A	Hg
↓	↓		Dissolved: Hg
QC			
4,5	Water	6010D	Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
6,7	↓	↓	Dissolved: Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn

Comments:

LDC #: 61834D	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Findings/Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.	YES			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?	YES			
Were %RSDs of isoptoes in the tuning solution ≤5%?	YES			
III./IV. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?		NO		
Were the low level standard checks within 70-130%?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
V. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			
VI. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?	YES			
Was there contamination in the initial and continuing calibration blanks?		NO		
VII. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VIII./IX. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)		NO		
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	YES			
X. Serial Dilution				
Were all percent differences <10%?		NO		
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			NA	

LDC #: 61834D	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Findings/Comments**
XI. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?		NO		
XII. Field Duplicates				
Were field duplicates identifed in this SDG?	YES			
Were target analytes detected in the field duplicates?	YES			
XIII. Internal Standards				
Were all percent recoveries within the 30-120% (60-120% for EPA Method 200.8) QC limits?	YES			
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIV. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?			NA	
XV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS WORKSHEETS

Calibration

Reviewer: JC

LDC #: 61834D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

All initial calibration verifications (ICVs) and continuing calibration verifications (CCVs) were performed at the required frequency and were within the acceptance limits with the following exceptions:

Date	Time	Calibration ID (ICV/CCV)	Analyte	%R	%R Limits	Associated Samples	Qualification	Det/ND
5/21/2025	14:55	S5E2134-CCV5	Diss Sb	141	90-110	All Samples	Jdet/A	ND
			Diss Cd	132	↓	↓	↓	↓
5/19/2025	17:03	S5E2006-CCVN	Ba	86.9	↓	3	J/UJ/A	Det

Comments:

VALIDATION FINDINGS WORKSHEET

Laboratory Blank Contamination (PB/ICB/CCB)

LDC #: 61834D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 3

				Sample Identification								
Analyte	**PB (mg/L)**	**Maximum ICB/CCB (units)**	**Action Level**	NQ								
Ca	0.0583		0.583									

Comment: Ca: PB > RL, action 10 X blank result

VALIDATION FINDINGS WORKSHEET

Matrix Spike

Reviewer: JC

LDC #: 61834D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

MS analysis was performed by the laboratory. All MS percent recoveries (%R) were within the acceptable limits with the following exceptions:

MS ID	Matrix	Analyte	MS %R	%R Limit	PDS R %	PDS R% Limit	Associated Samples	Qualification	Det/ND
4	Water	Fe	159	75-125	88.6	80-120	1-2	Jdet/A	Det

Comment: (4): Ca, Na > 4x, % Rec
(6): Several metal >4x, % Rec

VALIDATION FINDINGS WORKSHEETS

Laboratory Duplicates

Reviewer: JC

LDC #: 61834D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Laboratory duplicate analysis was performed by the laboratory. All laboratory duplicates were with the relative percent difference (RPD) for samples >5X the reporting limits with the exceptions listed below. If samples were <5X the reporting limits, the difference was within 1X the reporting limit for water samples and within 2X the reporting limit for soil samples for all samples with the exceptions listed below.

Duplicate ID	Matrix	Analyte	RPD	RPD Limit	Difference (mg/L)	Difference Limit	Associated Samples	Qualification	Det/ND
7 \3	Water	Diss Cr			0.0067	0.00556	All Samples	J/UJ/A	Det/ND

VALIDATION FINDINGS WORKSHEET

Serial Dilution

Reviewer: JC

LDC #: 61834D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Serial dilution analysis was performed by the laboratory. All serial dilution percent differences (%D) were within 10%D with the following exceptions:

Diluted Sample ID	Matrix	Analyte	%D	Associated Samples	Qualification	Det/ND
3	Water	Diss Ca	31.6	All Samples	J/UJ/A	Det
	↓	Diss Mg	32.5	↓	↓	Det/ND
	↓	Diss Mn	30.4	↓	↓	Det/ND
	↓	Diss K	30.5	↓	↓	Det
	↓	Diss Na	30.9	↓	↓	Det

VALIDATION FINDINGS WORKSHEETS

Laboratory Control Sample

Reviewer: JC

LDC #: 61834D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/700

A LCS was analyzed for each matrix at the required frequencies. All LCS percent recoveries (%R) were within the acceptable limits with the following exceptions:

LCS ID	Matrix	Analyte	LCS %R	%R Limit	Associated Samples	Qualification	Det/ND
BE51410-BS1	Water	Ca	121	80-120	3	Jdet/A	Det
	↓	Na	133	↓	↓	↓	↓
BE51441-BS1	↓	Ca	142	↓	1,2	Jdet/A	↓
BE51463-BS1	↓	Diss Sb	129	↓	All Samples	Jdet/A	ND

VALIDATION FINDINGS WORKSHEET

Field Duplicates

Reviewer: JC

LDC #: 61834D

Analyte	Concentration (ug/L, mg/L)		RPD
	1	2	
Aluminum	24.8	34.1	32
Arsenic (ug/L)	2.71	1.19	78
Barium	0.716	1.09	41
Beryllium (ug/L)	1.18	1.06	11
Cadmium	1.11 U	0.934	17
Calcium	159	226	35
Chromium	0.0750	0.0940	22
Cobalt	0.0830	0.128	43
Iron	24.6	31.0	23
Lead	0.0550	0.0550	0
Magnesium	42.4	60.8	36
Manganese	4.60	7.43	47
Nickel	0.100 U	0.135	30
Potassium	9.77	12.6	25
Selenium (ug/L)	8.67	7.88	10
Sodium	277	309	11
Zinc	0.250 U	0.306	20
Dissolved barium	0.0786	0.0786	0
Dissolved calcium	84.6	83.6	1
Dissolved magnesium	17.7	17.2	3
Dissolved potassium	3.24	3.37	4
Dissolved selenium (ug/L)	7.59	4.87	44
Dissolved sodium	277	275	1

VALIDATION FINDINGS WORKSHEETS

Target Analyte Quantitation

Reviewer: JC

LDC #: 61834D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Sample ID	Analyte	Total Result	Dissolved Result	Qualification	Det/ND
3	Mn	0.227	0.237	Text	Det
	K	6.37	6.55	↓	Det
	Na	43.8	44.2	↓	Det
	Zn	0.0278 U	0.0609	↓	ND/Det

Comments: The results for the dissolved metals analysis were greater than the total metals analysis

VALIDATION FINDINGS CHECKLIST

Calibration Calculation Verification

Reviewer: JC

LDC #: 61834D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis

True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP (ug/mL)	Diss Pb	0.26	0.25	104	104	Y
CCV	ICP (ug/mL)	Ba	8.69	10	86.9	86.9	Y
LLCC	ICP (ug/mL)	Fe	0.0061	0.005	122	122	Y
ICSAB	ICP (ug/mL)	Mg	489.42	500	97.9	97.9	Y
ICV	ICP-MS	Tl	51.3	50	103	103	Y
CCV	ICP-MS	Diss Sb	70.5	50	141	141	Y
LLCC	ICP-MS	Se	1.62	1	162	162	Y
ICSAB	ICP-MS	As	19.85	20	99.25	99.3	Y
ICV	CVAA (mg/L)	Hg	0.004	0.004	100	100.4	Y
CCV	CVAA (mg/L)	Diss Hg	0.0041	0.004	102.5	102.7	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
5/22/2025	Mass Axis	9	9	± 0.1 amu
5/21/2025	%RSD	139.9	0.4	≤ 5%

VALIDATION FINDINGS WORKSHEET
Quality Control Sample Recalculations

LDC #: 61834D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration
The serial dilution percent difference (%D) was recalculated using the following formula.
%D = (Absolute value (I - SDR)) x 100 / (I)
I = Initial sample result
SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
784903	LCS	Hg	0.0026	0.0025	104	104	Y
4	MS	Fe	15.9	10	159	159	Y
5	Duplicate	Diss Cr	0.0121	0.0188	43.4	43.2	Y
PDS 2	PDS	Fe	0.89	1	89	88.6	Y
SD 3	Serial dilution	Diss Na	44.2	57.9	30.995	30.9	Y

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: JC

LDC #: 61834D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Initial volume)

Sample ID	Analyte	Raw Data (ug/L, mg/L)	Dilution	Initial Weight/ Volume (mL)	Final Volume (mL)	Reported Result (ug/L, mg/L)	Recalculated Result (ug/L, mg/L)	Acceptable (Y/N)
1	Diss Se (ug/L)	1.367051	1	9	50	7.59	7.59	Y
2	Ca	22.5713	1	5	50	226	226	Y
3	Diss Zn	0.0548	1	45	50	0.0609	0.0609	Y

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834D
SDG #: 25E1068
Laboratory: York Analytial Laboratories, Inc., Stratford, CT

Date: 11/5/2025
Page: 1/1
Reviewer: JC
2nd Reviewer:

Method: Hexavalent Chromium (EPA 7196A); Trivalent Chromium (Calculation)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	Laboratory Blanks	A	
V	Field Blanks	N	
VI	Matrix Spike/Matrix Spike Duplicate	N	
VII	Laboratory Duplicate	N	
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	SW	FD (1,2)
X	Target Analyte Quantitation	A	MDL < No Samples < RL
XI	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-3 No Dilutions	25E1068-01	FD	Water	05/15/2025	Category B
2	MW-DUP-1 ↓	25E1068-02	FD	Water	05/15/2025	Category B
3	MW-7 ↓	25E1068-03		Water	05/15/2025	Category B

Notes:

LDC #: 61834D

All elements are applicable to each sample as noted below.

Sample ID	Target Analyte List
1-3	Hexavalent Chromium, Trivalent Chromium

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-01 File ID: HexChrome_SPECA_Ver1_BE51

Sampled: 05/15/25 12:00 Prepared: 05/15/25 22:41 Analyzed: 05/15/25 22:50

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BE51243 Sequence: Calibration: 05/15/25 2 Instrument: SPEC A

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.0100	1	U	EPA 7196A

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

MW-DUP-1

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1068
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens NY
Matrix:	Ground Water	Laboratory ID:	25E1068-02	File ID:	HexChrome_SPECA_Ver1_BE51
Sampled:	05/15/25 12:20	Prepared:	05/15/25 22:41	Analyzed:	05/15/25 22:50
Solids:	0.00	Preparation:	Analysis Preparation	Initial/Final:	100 mL / 100 mL
Batch:	BE51243	Sequence:		Calibration:	05/15/25 2
Instrument:	SPEC A				

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.0100	1	U	EPA 7196A

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

MW-7

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-03 File ID: HexChrome_SPECA_Ver1_BE51

Sampled: 05/15/25 09:00 Prepared: 05/15/25 22:41 Analyzed: 05/15/25 22:50

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BE51243 Sequence: Calibration: 05/15/25 2 Instrument: SPEC A

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.0100	1	U	EPA 7196A

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-01 File ID:

Sampled: 05/15/25 12:00 Prepared: 05/21/25 17:48 Analyzed: 05/21/25 17:58

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BE51703 Sequence: Calibration: 05/21/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	0.0750	1		Calculation

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

MW-DUP-1

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-02 File ID:

Sampled: 05/15/25 12:20 Prepared: 05/21/25 17:48 Analyzed: 05/21/25 17:58

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BE51703 Sequence: Calibration: 05/21/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	0.0940	1		Calculation

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

MW-7

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1068

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens NY

Matrix: Ground Water Laboratory ID: 25E1068-03 File ID:

Sampled: 05/15/25 09:00 Prepared: 05/21/25 17:48 Analyzed: 05/21/25 17:58

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BE51703 Sequence: Calibration: 05/21/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	0.0139	1		Calculation

LDC #: 61834D	METHOD: Inorganics			
Validation Area	**Yes**	**No**	**NA**	**Findings/ Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
II./III. Calibration				
Were all instruments calibrated at the required frequency?	YES			
Were the proper number of standards used?	YES			
Were all initial and continuing calibration verifications within the QC limits?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
Were balance checks performed as required?	YES			
IV. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		~~NO~~	NA	Not Required by method
V. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VI./VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			NA	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			NA	
VIII. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			

LDC #: 61834D	METHOD: Inorganics			
Validation Area	**Yes**	**No**	**NA**	**Findings/ Comments**
IX. Field Duplicates				
Were field duplicates identifed in this SDG?	YES			
Were target analytes detected in the field duplicates?	YES			
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?			NA	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to	YES			

VALIDATION FINDINGS WORKSHEET

Field Duplicates

Reviewer: JC

LDC #: 61834D

Analyte	Concentration (mg/L)		RPD
	1	2	
Trivalent Chromium	0.0750	0.0940	22

VALIDATION FINDINGS CHECKLIST

Initial and Continuing Calibration Calculation Verification

Reviewer: JC

METHOD: Inorganics

The correlation

Calibration date: 12/30/2025

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of Analysis	Analyte	Standard	Concentration (mg/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial Calibration	Hexavalent Chromium	s1	0.01	0.009	0.999776	0.999553	Y
		s2	0.05	0.043			
		s3	0.1	0.086			
		s4	0.25	0.207			
		s5	0.5	0.415			
		s6	0.75	0.642			
		s7					
		s8					
		s9					
		s10					
		s11					
		s12					

Type of Analysis	Analyte	Found (mg/L)	True (mg/L)		Recalculated %R	Reported %R	Acceptable (Y/N)
Calibration verification	Hexavalent Chromium	0.472469797	0.5		94	94	Y
Calibration verification	Hexavalent Chromium	0.46540676	0.5		93.081352	93.0813516	Y
Calibration verification					#DIV/0!		---

VALIDATION FINDINGS CHECKLIST
Quality Control Sample Recalculations

LDC #: 61834D

METHOD: Inorganics
Percent recoveries (%R) for the laboratory control sample (LCS) and matrix spike (MS) were recalcuated using the following formula:
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	Found/S	True/D	Recalculated %R/RPD	Reported %R/RPD	Acceptable (Y/N)
BE51243-BS1	LCS	Hexavalent Chromium	0.445	0.5	89	89.1	Y
NA	MS						
NA	Duplicate						

VALIDATION FINDINGS CHECKLIST
Sample Calculation Verification

LDC #: 61834D

METHOD: Inorganics
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids (if applicable) x Initial weight or volume)

Matrix: Aqueous / Solid
Cr(III) = Total Chromium - Cr(VI)

Sample ID	Analyte	Total Chromium (mg/L)	Cr6+ (mg/L)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
1	Trivalent Chromium	0.075	0.0100 U	0.075	0.075	Y
2	Trivalent Chromium	0.094	0.0100 U	0.094	0.094	Y
3	Trivalent Chromium	0.0139	0.0100 U	0.0139	0.0139	Y

Site:	32-20 38th Avenue, Queens, NY
Laboratory:	York Analytical Laboratories, Inc., Stratford, CT
SDG:	25F0238
Reviewer:	Josephine Go and Pei Geng/Laboratory Data Consultants for vEKtor Consultants – New York, NY
Date:	November 14, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
MW-1D	25F0238-01	VOC, SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB, PFAS
MW-2	25F0238-02	SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB
MW-4	25F0238-03	SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB, PFAS
FB-4	25F0238-04	PFAS
TB-4	25F0238-05	VOC
MW-5	25F0238-06	PFAS
MW-4DUP	25F0238-03DUP	PFAS

Associated QC Samples(s):

Field/Trip Blanks: FB-4 and TB-4
Field Duplicate pair: None Associated

The above-listed water samples were collected on June 4, 2025 and were analyzed for volatile organic compounds (VOC) by SW-846 method 8260D, semivolatile organic compounds (SVOC) by SW-846 methods 8270D and 8270D in selected ion monitoring (SIM) mode, 1,4-dioxane by SW-846 method 8270E in SIM mode, chlorinated pesticides by SW-846 method 8081B, polychlorinated biphenyls (PCB) by SW-846 method 8082A, and perfluoroalkyl and polyfluoroalkyl substances (PFAS) by method 1633. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014), the USEPA Region 2 *Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D,* SOP HW-22, Revision 5 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating Pesticide Compounds, Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B,* SOP HW-44, Revision 1.1 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating PCB Compounds, PCBs by Gas Chromatography SW-846 Method 8082A,* SOP HW-45, Revision 1 (October 2006), the Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023), and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Liquid Chromatography/Mass Spectrometry (LC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

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

The SVOC nondetect results for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, hexachlorocyclopentadiene, and pyridine in samples MW-1D, MW-2, and MW-4 were rejected (R) due to severely low LCS/LCSD percent recoveries. The results are not usable for project objectives, which may have a major impact on the data usability.

The SVOC-SIM nondetect results for N-nitrosodimethylamine in samples MW-1D, MW-2, and MW-4 were rejected (R) due to severely low LCS percent recovery. The results are not usable for project objectives, which may have a major impact on the data usability.

The PFAS nondetect results for PFBA, PFPeA, PFMPA, PFMBA, and 3:3FTCA in sample FB-4 were rejected (R) due to severely low EIS percent recoveries. The results are not usable for project objectives, which may have a major impact on the data usability.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Sample Preservation and Holding Times

All criteria were met.

GC/MS Tunes

VOC, SVOC, SVOC-SIM, and 1,4-Dioxane

All criteria were met.

GC/ECD Instrument Performance Checks

Pesticide and PCB

All criteria were met.

LC/MS Instrument Performance Check

PFAS

All criteria were met.

Initial and Continuing Calibrations

VOC

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/29/25	S5E3001-SCV1	1,3,5-Trimethylbenzene	38.5	MW-1D	UJ (all non-detects)
		Acrolein	35.9	TB-4	UJ (all non-detects)
		Cyclohexane	35.8		UJ (all non-detects)
		p-Ethyltoluene	38.5		UJ (all non-detects)
		tert-Butyl alcohol	33.5		UJ (all non-detects)

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
06/06/25	S5F0938-CCV1	2-Butanone	41.6	MW-1D	UJ (all non-detects)
		4-Methyl-2-pentanone	28.5	TB-4	UJ (all non-detects)
		Acrolein	44.2		UJ (all non-detects)
		Acrylonitrile	40.3		UJ (all non-detects)
		Bromomethane	22.7		UJ (all non-detects)
		Methyl acetate	55.2		UJ (all non-detects)
		Methyl tert-butyl ether	30.4		UJ (all non-detects)
		tert-Butyl alcohol	118		UJ (all non-detects)

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

SVOC

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%RSD	Associated Samples	Validation Action
05/06/25	SE50008	2,4-Dinitrophenol	39.57325	MW-1D	UJ (all non-detects)
		4,6-Dinitro-2-methylphenol	39.12882	MW-2	UJ (all non-detects)
				MW-4	

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
09/11/25	S5F1128-CCV1	1,1-Biphenyl	22.5	MW-1D	UJ (all non-detects)
		2,4-Dinitrophenol	133	MW-2	UJ (all non-detects)
		2-Chlorophenol	29.7		UJ (all non-detects)
		2-Methylphenol	24.5		UJ (all non-detects)
		3,3-Dichlorobenzidine	20.7		UJ (all non-detects)
		4,6-Dinitro-2-methylphenol	137		UJ (all non-detects)
		Benzaldehyde	29		UJ (all non-detects)
		N-Nitrosodiphenylamine	20.4		UJ (all non-detects)

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
06/12/25	S5F1224-CCV1	1,1-Biphenyl	24.9	MW-4	UJ (all non-detects)
		2,4,5-Trichlorophenol	22.7		UJ (all non-detects)
		2,4-Dinitrophenol	139		UJ (all non-detects)
		2-Chlorophenol	23.8		UJ (all non-detects)
		2-Methylphenol	20.8		UJ (all non-detects)
		3- & 4-Methylphenols	162		UJ (all non-detects)
		4-Chloroaniline	20.5		UJ (all non-detects)
		Benzaldehyde	24.8		UJ (all non-detects)
		N-Nitrosodiphenylamine	22.5		UJ (all non-detects)

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

SVOC-SIM

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/30/25	S5E3110-SCV1	Benzo(g,h,i)perylene	35.8	MW-1D	UJ (all non-detects)
		Hexachloroethane	342	MW-2	UJ (all non-detects)
		Nitrobenzene	49.8	MW-4	UJ (all non-detects)

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
06/10/25	S5F1031-CCV1	Hexachloroethane	31.8	MW-1D	UJ (all non-detects)
		N-Nitrosodimethylamine	22	MW-2	UJ (all non-detects)
06/11/25	S5F1133-CCV1	Acenaphthylene	23.8	MW-4	J (all detects)
		Atrazine	33.7		UJ (all non-detects)
		Benzo(g,h,i)perylene	25.9		
		Bis(2-ethylhexyl)phthalate	29.8		
		Dibenzo(a,h)anthracene	25.2		
		Fluorene	24.4		
		Indeno(1,2,3-cd)pyrene	25.6		

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

1,4-Dioxane

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0%.

Average relative response factors (RRF) were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0%.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0%.

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

Pesticide

Initial calibration:

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes.

PCB

Initial calibration:

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes.

PFAS

Initial calibration:

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 30.0% for all analytes.

The percent differences (%D) of the instrument sensitivity check (ISC) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
06/09/25	S5F0935-LCV1	Perfluorotetradecanoic acid (PFTA) Perfluoro-1-nonanesulfonic acid (PFNS)	32.9 39.4	MW-1D MW-4 FB-4 MW-5	UJ (all non-detects) UJ (all non-detects)

Blanks

Contamination was not detected in the method blanks.

No positive results were found in the trip blank sample TB-4 for VOC analysis.

No positive results were found in the field blank sample FB-4 for PFAS analysis.

Surrogate Recoveries

VOC, SVOC-SIM, 1,4-Dioxane, Pesticide, and PCB

Surrogates were added to all samples as required by the methods. All surrogate recoveries (%R) were within QC limits.

SVOC

Surrogates were added to all samples as required by the method. Surrogate recoveries (%R) were not within QC limits for samples MW-3, MW-DUP-1, and MW-7. Using professional judgment, no data were qualified when one base or one acid surrogate %R was outside the QC limits and the %R was greater than or equal to 10%.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

Laboratory Duplicate Results

PFAS

Laboratory duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

LCS Results

VOC

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BF50602-BS1 (MW-1D TB-4)	Cyclohexane	48.7 (63-149)	UJ (all non-detects)
	Dichlorodifluoromethane	32.3 (44-144)	UJ (all non-detects)

SVOC

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

LCS ID (Associated Samples)	Analyte	LCS %R (Limits)	LCSD %R (Limits)	Validation Action
BF50642-BS1/BSD1 (MW-1D MW-2 MW-4)	2,4-Dinitrophenol	0 (10-170)	0 (10-170)	R (all non-detects)
	4,6-Dinitro-2-methylphenol	0 (10-153)	0 (10-153)	R (all non-detects)
	Hexachlorocyclopentadiene	0 (10-130)	0 (10-130)	R (all non-detects)
	Pyridine	8.26 (10-90)	10 (10-90)	R (all non-detects)

Relative percent differences (RPD) were within QC limits.

SVOC-SIM

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BF50640-BS2 (MW-1D MW-2 MW-4)	Hexachloroethane	290 (18-115)	None
BF50640-BS2 (MW-1D MW-2 MW-4)	N-Nitrosodimethylamine	0 (10-124)	R (all non-detects)

No data were qualified due to high %R when the associated result was non-detected.

PFAS

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BF50519-BS1 (MW-1D MW-4 FB-4 MW-5)	Perfluoro-4-oxapentanoic acid (PFMPA)	14 (50-150)	UJ (all non-detects)

LLLCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BF50519-BS2 (MW-1D MW-4 FB-4 MW-5)	N-EtFOSA	46.4 (50-150)	UJ (all non-detects)
	Perfluoro-4-oxapentanoic acid (PFMPA)	11.2 (50-150)	UJ (all non-detects)

1,4-Dioxane, Pesticide, and PCB

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

Field Duplicate Results

No field duplicates were identified in this SDG.

Internal Standards

VOC, SVOC, SVOC-SIM, and 1,4-Dioxane

All internal standard areas and retention times were within QC limits.

Pesticide and PCB

All internal standard percent recoveries (%R) were within QC limits.

PFAS

All extracted internal standard percent recoveries (%R) were within QC limits with the following exceptions:

Sample	Internal Standard	%R (Limits)	Affected Analyte	Validation Action
MW-4	M5PFPeA	17.2 (40-130)	PFPeA PFMPA PFMBA 3:3FTCA	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)
MW-4	M2-6:2 FTS M2-8:2 FTS	336 (40-200) 313 (40-300)	6:2 FTS 8:2 FTS	None
FB-4	MPFBA M5PFPeA	1.86 (5-130) 7.85 (40-130)	PFBA PFPeA PFMPA PFMBA 3:3FTCA	R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects)
MW-5	M2-4:2 FTS	245 (40-200)	4:2 FTS	None

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

All non-extracted internal standard areas and retention times were within QC limits.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the PFAS analysis. These results were qualified as estimated (J) by the laboratory.

No results were reported below the RL and above the MDL in the VOC, SVOC, SVOC-SIM, 1,4-dioxane, pesticide, and PCB analyses.

Due to high target analyte levels or difficult sample matrix, select samples were analyzed at dilutions. The following table lists the sample dilutions which were performed and the results reported. RLs were elevated accordingly.

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834E
SDG #: 25F0238~~/GCT4487~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT ~~/ Phoenix Environmenal Laboratories, Inc., Manchester, CT~~
Method: Volatiles (EPA 8260D)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer:

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/SW	RSD ≤ 20% r² ICV ≤ 30%
IV	Continuing Calibration	SW	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	ND	TB = 2
VII	Surrogate	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS LCS
IX	Laboratory Control Sample	SW	
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1D +	25F0238-01		Water	06/04/2025	Category B
2	TB-4 -	25F0238-05		Water	06/04/2025	Category B

Notes:

BF50602-BLK1		

Method: Volatiles (EPA SW 846 Method 8260D)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?		✓		
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		

Method: Volatiles (EPA SW 846 Method 8260D)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Initial Calibration Verification

Reviewer: JVG _

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)
A second source verification standard was analyzed after each ICAL for each instrument.
All analytes met the second source verification standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20.0%)	Associated samples	Qualifications
VOA9	5/29/2025	S5E3001-SCV1	1,3,5-Trimethylbenzene	38.5	ALL (ND)	J/UJ/A
			Acrolein	35.9		
			Cyclohexane	35.8		
			p-Ethyltoluene	38.5		
			tert-Butyl alcohol	33.5		

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
VOA9	6/6/2025	S5F0938-CCV1	2-Butanone	41.6		ALL (ND)	J/UJ/A
			4-Methyl-2-pentanone	28.5			
			Acrolein	44.2			
			Acrylonitrile	40.3			
			Bromomethane	22.7			
			Methyl acetate	55.2			
			Methyl tert-butyl ether	30.4			
			tert-Butyl alcohol	118			

	DOD	NFG				
%D	20%/50%	20%	RRF:	0.001 - poor performers	0.005 - 1,4-Dioxane	0.05 - all other analytes

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BF50602-BS1	Cyclohexane	48.7		63-149			ALL (ND)	J/UJ/P
	Dichlorodifluoromethane	32.3		44-144				

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$ — A_x = Area of Compound — A_{is} = Area of associated internal standard

average RRF = sum of the RRFs/number of standards — C_x = Concentration of compound, — C_{is} = Concentration of internal standard

%RSD = 100 * (S/X) — S= Standard deviation of the RRFs — X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 10 std)	Recalculated RRF (RRF 10 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL QVOA9 SE50045	5/28/2025	Chloroform (FBZ)	0.334465	0.334465	0.332025	0.332025	4.018	4.018
			Chlorobenzene (CBZ)	0.645233	0.645233	0.648699	0.648699	5.193	5.193
			1,2,4-TMB (DCB)	4.174608	4.174608	4.235217	4.235217	4.031	4.031

LDC#: 61834E

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	S5F0938-CCV1	06/06/25	Chloroform (FBZ)	0.332025	0.35770	0.35770	7.7	7.7
			Chlorobenzene (CBZ)	0.648699	0.64194	0.64194	1.0	1.0
			1,2,4-TMB (DCB)	4.235217	3.67177	3.67177	13.3	13.3

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ug/L)	Surrogate Found (ug/L)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4	10.00	11.390	114	114	0
Toluene-d8	10.00	9.620	96.2	96.2	0
4-Bromofluorobenzene	10.00	9.420	94.2	94.2	0

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: ___BF50602-BS1____

Compound	SA				LCS		LCSD		LCS/LCSD	
	(ug/L)		(ug/L)		Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethane	10.00	NA	10.5	NA	105	105				
Trichloroethene	10.00	NA	9.6	NA	96.1	96.1				
Benzene	10.00	NA	10.9	NA	106	109.0				
Toluene	10.00	NA	10.1	NA	101	101				
Chlorobenzene	10.00	NA	9.7	NA	97	97				

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Vp)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vp = Volume purged
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Ci (ug/L)	RRF	DF	Vp (mL)	Vo (g)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
1	Chloroform	130027	733527	10.0	0.332	1.00	25.00	25.00	na	5.339	5.34	0

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834E
SDG #: 25F0238/~~GCT4487~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT ~~/ Phoenix Environmenal, Laboratories, Inc., Manchester, CT~~
Method: Semivolatiles (EPA 8270D)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVC
2nd Reviewer: AC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	SW/A	RSDE 20% IAVE 30%
IV	Continuing Calibration	SW	CAVE 20%
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Surrogate	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	SW	LCS/D
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1D	25F0238-01		Water	06/04/2025	Category B
2	MW-2	25F0238-02		Water	06/04/2025	Category B
3	MW-4	25F0238-03		Water	06/04/2025	Category B

Notes:

BF 500 42 - BKL		

Method: Semivolatiles (EPA SW 846 Method 8270)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?		✓		
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		

Method: Semivolatiles (EPA SW 846 Method 8270)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Initial Calibration

Reviewer: JVG

METHOD: GC/MS PAH (EPA SW 846 Method 8270D)

A five point calibration curve was performed.
A linear fit was used for evaluation and acceptance criteria for each analyte was met.
A curve fit was used for evaluation and the r2 acceptance criteria of ≥ 0.99 was met.
Initial calibration was performed was at the required frequency.

#	Date	Standard ID	Analyte	%RSD (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
BNA4	5/6/2025	SE50008	2,4-Dinitrophenol	39.57325		ALL (ND)	J/UJ/A
			4,6-Dinitro-2-methylphenol	39.12882			

	DOD	NFG
RSD	15%	Method criteria

RRF: 0.05

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

METHOD: GC/MS SVOC (EPA SW 846 Method 8270E)

Continuing calibration standards were analyzed at the required frequencies.

The retention times for all calibrated analytes were within their respective acceptance windows.

All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
BNA4	9/11/2025	S5F1128-CCV1	1,1-Biphenyl	22.5		1, 2 (ND)	J/UJ/A
			2,4-Dinitrophenol	133			
			2-Chlorophenol	29.7			
			2-Methylphenol	24.5			
			3,3-Dichlorobenzidine	20.7			
			4,6-Dinitro-2-methylphenol	137			
			Benzaldehyde	29			
			N-Nitrosodiphenylamine	20.4			
BNA4	6/12/2025	S5F1224-CCV1	1,1-Biphenyl	24.9		3 (ND)	
			2,4,5-Trichlorophenol	22.7			
			2,4-Dinitrophenol	139			
			2-Chlorophenol	23.8			
			2-Methylphenol	20.8			
			3- & 4-Methylphenols	162			
			4-Chloroaniline	20.5			
			Benzaldehyde	24.8			
			N-Nitrosodiphenylamine	22.5			

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270E)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BF50642-BS1/BSD1	2,4-Dinitrophenol	0	0	10-170			ALL (ND)	J/R/P
	4,6-Dinitro-2-methylphenol	0	0	10-153				
	Hexachlorocyclopentadiene	0	0	10-130				
	Pyridine	8.26	9.86	10-90				

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 40 std)	Recalculated RRF (RRF 40 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	5/6/2025	Phenol (DCB)	2.403866	2.403866	2.413401	2.413401	8.14	8.14
			4-C-3-MP (NPT)	0.411295	0.411295	0.412014	0.412014	10.11	10.11
	BNA4		Diethylphthalate (ANT)	1.497978	1.497978	1.412813	1.412813	8.59	8.59
			Di-n-butyl phthalate (PHN)	1.469994	1.469994	1.398724	1.398724	6.70	6.70
	SE50008		3,3-DCB (CRY)	0.634027	0.634027	0.559657	0.559657	16.13	16.13
2	ICAL	5/6/2025	Phenol (DCB)	12dcb	#DIV/0!	1.657048	1.657048	98.94	98.94
			4-C-3-MP (NPT)	Naphtha	Naphtha	1.146881	1.146881	98.46	98.46
	BNA4		Diethylphthalate (ANT)	DEP	DEP	1.470057	1.470057	100.84	100.84
			Di-n-butyl phthalate (PHN)	HCB	HCB	0.106980	0.106980	98.32	98.32
	SE50008		3,3-DCB (CRY)	BEHP	#DIV/0!	0.832822	0.832822	101.05	101.05

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,

Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated % D
1	S5F1128-CCV1	06/11/25	Phenol (DCB)	2.413401	2.002792	2.002792	17.0	17.0
			4-C-3-MP (NPT)	0.412014	0.420654	0.420654	2.1	2.1
	BNA4		Diethylphthalate (ANT)	1.412813	1.356244	1.356244	4.0	4.0
			Di-n-butyl phthalate (PHN)	1.398724	1.236170	1.236170	11.6	11.6
			3,3-DCB (CRY)	0.559657	0.443819	0.443819	20.7	20.7

LDC # 61834E

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ug/mL)	Surrogate Found (ug/mL)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	25.00	18.44	73.8	73.8	0
2-Fluorobiphenyl	25.00	13.97	55.9	55.9	0
Terphenyl-d14	25.00	21.55	86.2	86.2	0
Phenol-d5	50.00	5.73	11.5	11.5	0
2-Fluorophenol	50.00	12.18	24.4	24.4	0
2,4,6-Tribromophenol	50.00	37.87	75.7	75.7	0

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50642-BS1/BSD1

Compound	SA (ug/L)		SSC (on-col) (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	25.0	25.0	5.23	5.46	20.9	20.9	21.8	21.8	4.30	4.30
N-Nitroso-di-n-propylamine	25.0	25.0	16.50	17.80	66.0	66.0	71.2	71.2	7.87	7.58
4-Chloro-3-methylphenol	25.0	25.0	20.00	21.20	80.0	80.0	84.8	84.8	5.49	5.83
Acenaphthene										
Pentachlorophenol										
Pyrene										

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Conc= (Response-b)/m

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
Vi = Volume injected
%S = % Solids

Sample #	Compound	Ax	Ais	Ci (ug/mL)	RRF	DF	Ve (mL)	Vo (mL)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	Phenol	124579	395092	40.0	2.413	1.00	1.0	1000.00	na	5.23	5.23	0
BF50642												

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834E
SDG #: 25F0238/~~GCT4487~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT ~~/ Phoenix Environmenal Laboratories, Inc., Manchester, CT~~

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer:

Method: Semivolatiles (EPA 8270D SIM)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/SW	RSD ≤ 20% r ICV ≤ 30%
IV	Continuing Calibration	SW	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Surrogate	A	(see full scan)
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	SW	LCS
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1D ~	25F0238-01		Water	06/04/2025	Category B
2	MW-2 ~	25F0238-02		Water	06/04/2025	Category B
3	MW-4 +	25F0238-03		Water	06/04/2025	Category B

Notes:

BF50640-BLK2		

Method: Semivolatiles (EPA SW 846 Method 8270D-SIM)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?		✓		
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?				
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		

Method: Semivolatiles (EPA SW 846 Method 8270D-SIM)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Initial Calibration Verification

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D SIM)
A second source verification standard was analyzed after each ICAL for each instrument.
All analytes met the second source verification standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤30%)	Associated samples	Qualifications
BNA8	5/30/2025	S5E3110-SCV1	Benzo(g,h,i)perylene	35.8	ALL (ND)	J/UJ/A
			Hexachloroethane	342	↓	↓
			Nitrobenzene	49.8	↓	↓

	DOD	NFG
%D	20%	30%

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D SIM)

Continuing calibration standards were analyzed at the required frequencies.

The retention times for all calibrated analytes were within their respective acceptance windows.

All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
BNA8	6/10/2025	S5F1031-CCV1	Hexachloroethane	31.8		1, 2 (ND)	J/UJ/A
			N-Nitrosodimethylamine	22			
BNA8	6/11/2025	S5F1133-CCV1	Acenaphthylene	23.8		3, MB (ND+DET)	
			Atrazine	33.7			
			Benzo(g,h,i)perylene	25.9			
			Bis(2-ethylhexyl)phthalate	29.8			
			Dibenzo(a,h)anthracene	25.2			
			Fluorene	24.4			
			Indeno(1,2,3-cd)pyrene	25.6			

	DOD	NFG
%D	20%/50%	Method criteria

RRF: 0.05

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D-SIM)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 5/4 std)	Recalculated RRF (RRF 5/4 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	5/30/2025	NDMA (DCB)	0.333702	0.333702	0.323236	0.323236	14.74	14.74
			Naphthalene (NPT)	0.781154	0.781154	0.810638	0.810638	10.32	10.32
	BNA8		Acenaphthene (ANT)	0.764470	0.764470	0.840881	0.840881	8.68	8.68
			Phenanthrene (PHN)	0.738924	0.738924	0.865477	0.865477	11.95	11.95
	SE50036		Pyrene (CRY	0.949741	0.759793	1.076291	1.076291	15.13	15.13
			Benzo(a)pyrene (PRY)	0.794632	0.794632	0.769252	0.769252	8.82	8.82

LDC #: 61834C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D-SIM)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,

Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated % D
1	S5F1031-CCV1	06/10/25	NDMA (DCB)	0.32324	0.25209	0.25209	22.0	22.0
			Naphthalene (NPT)	0.81064	0.77334	0.77334	4.6	4.6
	BNA8		Acenaphthene (ANT)	0.84088	0.80227	0.80227	4.6	4.6
			Phenanthrene (PHN)	0.86548	0.79837	0.79837	7.8	7.8
			Pyrene (CRY	1.07629	1.02007	1.02007	5.2	5.2
			Benzo(a)pyrene (PRY)	0.76925	0.82472	0.82472	7.2	7.2
2	S5F1133-CCV1	06/11/25	NDMA (DCB)	0.32324	0.30193	0.30193	6.6	6.6
			Naphthalene (NPT)	0.81064	0.87570	0.87570	8.0	8.0
	BNA8		Acenaphthene (ANT)	0.84088	0.93883	0.93883	11.6	11.6
			Phenanthrene (PHN)	0.86548	0.89239	0.89239	3.1	3.1
			Pyrene (CRY	1.07629	0.92953	0.92953	13.6	13.6
			Benzo(a)pyrene (PRY)	0.76925	0.92314	0.92314	20.0	20.0

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D-SIM)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50640-BS2

(on-col)

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol										
N-Nitroso-di-n-propylamine										
4-Chloro-3-methylphenol										
Acenaphthene	1.00	NA	0.831	NA	83.1	83.1				
Pentachlorophenol	1.00	NA	0.707	NA	70.7	70.7				
Pyrene	1.00	NA	0.897	NA	89.7	89.7				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D-SIM)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Conc= (Response-b)/m

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
Vi = Volume injected
%S = % Solids

Sample #	Compound	Ax	Ais	Ci (ug/mL)	RRF	DF	Ve (mL)	Vo (mL)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	Pyrene	3762030	15593561	4.0	1.076	1.00	1.0	1000.00	na	0.897	0.897	0
BF50640												

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834E
SDG #: 25F0238/~~GCT4487~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT ~~/ Phoenix Environmenal Laboratories, Inc., Manchester, CT~~

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer: A

Method: 1,4-Dioxane (EPA 8270E SIM)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	RSD ≤ 20% ICV ≤ 30%
IV	Continuing Calibration	A	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Surrogate	A	(see full scan)
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1D	25F0238-01		Water	06/04/2025	Category B
2	MW-2	25F0238-02		Water	06/04/2025	Category B
3	MW-4	25F0238-03		Water	06/04/2025	Category B

Notes:

BF50352 – Blk1		

Method: 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			✓	
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			

Method: 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC#: 61834E

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (0.5 std)	Recalculated RRF (0.5 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL BNA8	4/9/2025 SD50013	1,4-Dioxane (1,2-DCB-d4)	0.27276	0.27276	0.25438	0.25438	9.19	9.19

LDC#: 61834E

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	S5F0627-CCV1	6/5/2025	1,4-Dioxane (1,2-DCB-d4)	0.25438	0.29215	0.29215	14.8	14.8

LDC# 61834E

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ppb)	Surrogate Found (ppb)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
1,4-dioxane-d8	0.25	0.20	80.0	80.0	0

LDC# 61834E

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50352-BS1

Compound	SA				LCS		LCSD		LCS/LCSD	
	(ug/L)		(ug/L)		Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,4-Dioxane	4.00	NA	3.12	NA	78.0	78.0				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

Analyte results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Vp)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vp = Volume purged
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Ci (ug/mL)	RRF	DF	Vp (uL)	Vo (mL)	IDA factor	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	1,4-Dioxane	7336	73852	0.50	0.254	1.00	2000.00	125.00	1	3.12	3.12	0
BF50352												

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834E
SDG #: 25F0238/~~GCT4487~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT ~~/ Phoenix Environmenal. Laboratories, Inc., Manchester, CT~~

Date: 11/5/2025
Page: 1 of 1
Reviewer: JV
2nd Reviewer: [illegible]

Method: Organochlorine Pesticides (EPA 8081B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A / A	
II	GC/ECD Instrument Performance Check	A	
III	Initial Calibration/ ICV	A / A	r2 ICV ≤ 20%
IV	Continuing Calibration	A	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Surrogate	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Target Analyte Quantitation	A	no results < RL
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1D	25F0238-01		Water	06/04/2025	Category B
2	MW-2	25F0238-02		Water	06/04/2025	Category B
3	MW-4	25F0238-03		Water	06/04/2025	Category B

Notes:

BF50430-BLK1		

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?	✓			
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?	✓			
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?	✓			
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?	✓			
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/31/2025	GC_5890_I	g-BHC	1	6299429	0.50	0.25
			2	11872913	1.00	1
			3	23205784	2.00	4
	SF50001	1C	4	70437367	5.00	25
			5	275700000	20.00	400
			6	651600000	50.00	2500
			7	1338300000	100.00	10000
			8	3640700000	200.00	40000

Regression Output			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9992765	0.9989794
X Coefficient(s)	b =	9905546.1471	
Std Err of Coef.	a =	41187.8969	
Correlation Coefficient		0.999638	
Coefficient of Determination (r^2)	r^ 2	0.999277	

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/31/2025	GC_5890_I	g-BHC	1	9899073	0.50	0.25
			2	18820389	1.00	1
		2C	3	37990129	2.00	4
	SF50001		4	117000000	5.00	25
			5	457700000	20.00	400
			6	1048800000	50.00	2500
			7	2108200000	100.00	10000
			8	5596500000	200.00	40000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9991523	0.9987933
X Coefficient(s)	b =	16400021.6547	
Std Err of Coef.	a =	57410.9059	
Correlation Coefficient		0.999576	
Coefficient of Determination (r^2)	r^ 2	0.999152	

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/31/2025	GC_5890_I	DDT	1	3748329	0.50	0.25
			2	7376956	1.00	1
		1C	3	14753616	2.00	4
	SF50001		4	42340359	5.00	25
			5	156000000	20.00	400
			6	339200000	50.00	2500
			7	749200000	100.00	10000
			8	2031000000	200.00	40000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9994648	0.9992467
X Coefficient(s)	b =	5350540.2095	
Std Err of Coef.	a =	23895.9624	
Correlation Coefficient		0.999732	
Coefficient of Determination (r^2)	r^ 2	0.999465	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/31/2025	GC_5890_I	DDT	1	6074349	0.50	0.25
			2	11457086	1.00	1
		2C	3	23208887	2.00	4
	SF50001		4	70457724	5.00	25
			5	266500000	20.00	400
			6	580900000	50.00	2500
			7	1267000000	100.00	10000
			8	3427700000	200.00	40000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9994286	0.9991951
X Coefficient(s)	b =	9147931.8078	
Std Err of Coef.	a =	39726.3281	
Correlation Coefficient		0.999714	
Coefficient of Determination (r^2)	r^ 2	0.999429	

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Method: GC Pesticides (EPA SW 846 Method 8081B)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = 100 * (N - C)/N

Where: N = Initial Calibration Factor or Nominal Amount
C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	CCV Conc/CF	Reported Conc	Recalculated Conc	Reported % D	Recalculated %D
1	S5F0905-CCV1	6/6/2025	g-BHC (1C)	50.000	54.078	54.076	8.2	8.2
			4,4'-DDT (1C)	50.000	53.415	53.418	6.8	6.8
			g-BHC (2C)	50.000	54.620	54.622	9.2	9.2
			4,4'-DDT (2C)	50.000	55.736	55.738	11.5	11.5

LDC# 61834E

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP	200.000	93.389	46.7	46.7	0
Tetrachloro-m- xylene	RTX-CLP2	200.000	83.557	41.8	41.8	0
Decachlorobiphenyl	RTX-CLP	200.000	122.951	61.5	61.5	0
Decachlorobiphenyl	RTX-CLP2	200.000	124.234	62.1	62.1	0

LDC# 61834E

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50430-BS1

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	0.100	NA	0.069	NA	68.8	68.8				
4,4'-DDT	0.100	NA	0.093	NA	93.1	93.1				

LDC# 61834E

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured

DF = Dilution factor

CF = Calibration factor from continuing calibration curve

Vi = Initial volume or weight of sample extracted in milliliters (mL) or grams (g)

Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	r2 coeff a	r2 coeff b	r2 coeff c	Vf (ml)	Vi (mL)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	DDT	704800000	23896	5350540.2	0	1.00	1000.00	1.00	NA	93.053	0.0931	0.093	0.0
	1C												

Area ratio (Y) = a (X^2) + b X + c

	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2a	(-b -())/ 2a
ddt	7.0480E+08	23895.96235	5350540.21	0.0000	93.053	93.053	-704800000	9.6E+13	9797743	93.05344602	-316.9632484

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834E
SDG #: 25F0238/~~GCT4487~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix Environmenal Laboratories, Inc., Manchester, CT~~
Method: PCBs (EPA 8082A)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JV6
2nd Reviewer: A

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	Initial Calibration/ ICV	A/A	r² ICV ≤ 20%
III	Continuing Calibration	A	CCV ≤ 20%
IV	Laboratory Blanks	A	
V	Field Blanks	N	
VI	Surrogate	A	
VII	Matrix Spike/Matrix Spike Duplicate	N	CS
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	no results < RL
XI	Target Analyte Identification	A	
XII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1D	25F0238-01		Water	06/04/2025	Category B
2	MW-2	25F0238-02		Water	06/04/2025	Category B
3	MW-4	25F0238-03		Water	06/04/2025	Category B

Notes:

BF50429-BLK		

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?			✓	
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?			✓	
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?			✓	
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?			✓	
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?	✓			
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC PCB (EPA SW 846 Method 8082A)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
6/4/2025	GC ECD1	1260-1	0.0125	11688350	0.01	0.0002
			0.0250	20073022	0.03	0.0006
	SF50005	1C	0.0500	37064167	0.05	0.0025
			0.2000	128400000	0.20	0.0400
			0.5000	282100000	0.50	0.2500
			1.0000	500200000	1.00	1.0000
			2.0000	1106500000	2.00	4.0000
			3.0000	1567400000	3.00	9.0000

Regression Output			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9990321	0.9983481
X Coefficient(s)	b =	555182907.4956	
Std Err of Coef.	a =	-9707273.6752	
Correlation Coefficient		0.999516	
Coefficient of Determination (r^2)	r^ 2	0.999032	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC PCB (EPA SW 846 Method 8082A)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
6/4/2025	GC ECD1	1260-1	0.0125	106600000	0.01	0.0002
			0.0250	174600000	0.03	0.0006
	SF50005	2C	0.0500	333000000	0.05	0.0025
			0.2000	1157700000	0.20	0.0400
			0.5000	2483600000	0.50	0.2500
			1.0000	4251200000	1.00	1.0000
			2.0000	9281800000	2.00	4.0000
			3.0000	12800300000	3.00	9.0000

Regression Output			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9987537	0.9978357
X Coefficient(s)	b =	4870455097.1822	
Std Err of Coef.	a =	-191054431.6646	
Correlation Coefficient		0.999377	
Coefficient of Determination (r^2)	r^ 2	0.998754	

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Method: GC PCB (EPA SW 846 Method 8082A)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = 100 * (N - C)/N

Where:
N = Initial Calibration Factor or Nominal Amount
C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	CCV Conc	Reported Conc	Recalculated Conc	Reported % D	Recalculated %D
1	S5F0904-CCV1	6/6/2025	1260-1 1C	1.000	0.974	0.974	2.6	2.6
			1260-1 2C	1.000	0.907	0.907	9.3	9.3

LDC# 61834E

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP	0.200	0.101	50.5	50.5	0
Tetrachloro-m- xylene	RTX-CLP2	0.200	0.082	41.0	41.0	0
Decachlorobiphenyl	RTX-CLP	0.200	0.137	68.5	68.5	0
Decachlorobiphenyl	RTX-CLP2	0.200	0.119	59.5	59.5	0

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50429-BS2

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	1.000	NA	0.736	NA	73.6	73.6				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GC PCB (EPA SW 846 Method 8082A)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Concentration = $\frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured

DF = Dilution factor

CF = Calibration factor from continuing calibration curve

Vi = Initial volume or weight of sample extracted in milliters (mL) or grams (g)

Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	r2 coeff a	r2 coeff b	r2 coeff c	Vf (ml)	Vi (L)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	1260-1	366200000	-9707274	555182907	0	1.00	1.00	1.00	NA	0.6674	0.667	0.668	0.0
BF50429	COL 1												
											Reported		
	1260-Total =	(0.668+0.832+0.843+0.664+0.674)						conc =	(0.7362)(1mL)		**final conc**		
			5						(1.0L)				
	=	0.7362						=	0.7362		0.736		

Area ratio (Y) = a (X^2) + b X + c

	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2a	(-b -())/ 2a
LCS	366200000	-9707273.7	555182907.5	0.0	0.66739	0.667	-366200000	2.94E+17	5.42E+08	0.667390351	56.5250744

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834E
SDG #: 25F0238~~/GCT4487~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT ~~/ Phoenix Environmenal Laboratories, Inc., Manchester, CT~~
Method: PFAS (EPA 1633)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JV6
2nd Reviewer:

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	LC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	~~RSD ≤ 20%~~ r² ICV ≤ 30%
IV	Continuing Calibration/ISC/Bile Salt	SW	CCV ≤ 30% ISC ≤ 30%
V	Laboratory Blanks	A	
VI	Field Blanks	ND	PB = 4
VII	Matrix spike/Matrix spike duplicates /Lab Dup	N/A	LCS
VIII	Laboratory Control Sample/Low Level LCS	SW/SW	
IX	Field Duplicate	N	
X	Internal standard	SW	
XI	Target Analyte Quantitation	A	Results < RL > MDL = J detect
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1D	25F0238-01		Water	06/04/2025	Category B
2	~~MW-2~~	~~25F0238-02~~		~~Water~~	~~06/04/2025~~	~~Category B~~
3	MW-4 2X	25F0238-03		Water	06/04/2025	Category B
4	FB-4	25F0238-04		Water	06/04/2025	Category B
5	MW-5	25F0238-06		Water	06/04/2025	Category B
6	MW-4DUP	25F0238-03DUP	DUP	Water	06/04/2025	Category B

Notes:

BF50519-BLK1		

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Continuing Calibration/Instrument Sensitivity Check

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

Date	Standard ID	Analyte	Finding %D (Limit: ≤30.0%)	Associated Sample	Qualifications
6/9/25	S5F0935-LCV1	Perfluorotetradecanoic acid (PFTA)	32.9	All (ND)	J/UJ/P
	(Low level/ISC)	Perfluoro-1-nonanesulfonic acid (PFNS)	39.4	✓	✓

LDC #: 61834E

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.

Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BF50519-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)	14		50-150			All (ND)	J/UJ/P
BF50519-BS2	N-EtFOSA	46.4		50-150			All (ND)	J/UJ/P
(Low level)	Perfluoro-4-oxapentanoic acid (PFMPA)	11.2		✓			✓	✓

Sample	PFAS Analysis Reported
MW-4	2-fold dilution due to nature of sample matrix

Dilutions were not required for VOC, SVOC, SVOC-SIM, 1,4-dioxane, pesticide, and PCB analyses.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

VALIDATION FINDINGS WORKSHEET

Extracted Internal Standards

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)
All labeled compounds standard %Rs were within QC limits with the exceptions identified below.

#	Sample ID	Labeled Compound	%R	%R Limits	Associated Analytes	Qualifications
	~~1 (ND))~~	~~MPFBA~~	~~5.96~~	~~25-150~~	~~PFBA~~	~~J/R/P~~
	3 (ND)	~~MPFBA~~	~~5.38~~	~~25-150~~	~~PFBA~~	~~J/R/P~~
		M5PFPeA	17.2	~~25-150~~ 40-130	PFPeA, PFMPA, PFMBA, 3:3FTCA	J/UJ/P
		M2-6:2 FTS	336	25-150 40-200	6:2 FTS	J det/P
		M2-8:2 FTS	313	↓ 40-300	8:2 FTS	↓
	4 (ND)	MPFBA	1.86	~~25-150~~ 5-130	PFBA	J/R/P
		M5PFPeA	7.85	~~25-150~~ 40-130	PFPeA, PFMPA, PFMBA, 3:3FTCA	↓
	5 (ND)	~~MPFBA~~	~~5.48~~	~~25-150~~ 5-130	~~PFBA~~	~~J/R/P~~ J/UJ/P
		M2-4:2 FTS	245	25-150 40-200	4:2 FTS	J det/P

LDC#: 61834E

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

Method: PFAS (EPA 1633)

Date	Instrument	Compound	Standards	(Y) Response Ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
5/30/2025	QQQ	L-PFOA	0.200	0.0775	0.080	0.0064
			0.500	0.1672	0.20	0.0400
		M8PFOA	1.250	0.4074	0.50	0.2500
	SE50048		2.500	0.7994	1.00	1.0000
			5.000	1.9106	2.00	4.0000
			12.500	4.1004	5.00	25.0000
			25.000	8.4647	10.00	100.0000
			62.500	23.5559	25.00	625.0000

Regression Output			Reported
Constant	c =	0.0609	
R Squared		0.9998542	0.9997542
X Coefficient(s)	a =	5.84893E-03	
	b =	7.955649E-01	
Correlation Coefficient		0.999927	
Coefficient of Determination (r^2)	r^ 2	0.999854	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: PFAS (EPA 1633)

Date	Instrument	Compound	Standards	(Y) Response Ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
5/30/2025	QQQ	L-PFOS	0.186	0.2235	0.074	0.0055
			0.464	0.5015	0.19	0.0344
		M8PFOS	1.160	1.2090	0.46	0.2153
	SE50048	(IS = 2.375 ng/mL)	2.320	2.4456	0.93	0.8612
			4.640	4.5186	1.86	3.4447
			11.600	11.4979	4.64	21.5296
			23.200	21.9609	9.28	86.1184
			58.000	57.8322	23.20	538.2400

Regression Output			Reported
Constant	c =	0.1843	
R Squared		0.9998849	0.9998072
X Coefficient(s)	a =	5.90431E-03	
	b =	2.353915E+00	
Correlation Coefficient		0.999942	
Coefficient of Determination (r^2)	r^ 2	0.999885	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: PFAS (EPA 1633)

Date	Instrument	Compound	Standards	(Y) Response Ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
5/30/2025	QQQ	L-PFOS	0.186	0.2235	0.074	0.0055
			0.464	0.5015	0.19	0.0344
		M8PFOS	1.160	1.2090	0.46	0.2153
	SE50048	(IS = 2.375 ng/mL)	2.320	2.4456	0.93	0.8612
			4.640	4.5186	1.86	3.4447
			11.600	11.4979	4.64	21.5296
			23.200	21.9609	9.28	86.1184
			58.000	57.8322	23.20	538.2400

Regression Output

			Reported
Constant	c =	0.1843	0.0625
R Squared		0.9998849	0.999594
X Coefficient(s)	a =	5.90431E-03	3.57100E-03
	b =	2.353915E+00	2.29076E+00
Correlation Coefficient		0.999942	
Coefficient of Determination (r^2)	r^ 2	0.999885	

LDC#: 61834E

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

Method: PFAS (EPA 1633)

Date	Instrument	Compound	Standards	(Y) Response Ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
5/30/2025	QQQ	L-PFOA	0.200	0.0775	0.080	0.0064
			0.500	0.1672	0.20	0.0400
		M8PFOA	1.250	0.4074	0.50	0.2500
	SE50048		2.500	0.7994	1.00	1.0000
			5.000	1.9106	2.00	4.0000
			12.500	4.1004	5.00	25.0000
			25.000	8.4647	10.00	100.0000
			62.500	23.5559	25.00	625.0000

Regression Output			Reported
Constant	c =	0.0609	0.0124
R Squared		0.9998542	0.998835
X Coefficient(s)	a =	5.84893E-03	5.07000E-03
	b =	7.955649E-01	8.12107E-01
Correlation Coefficient		0.999927	
Coefficient of Determination (r^2)	r^ 2	0.999854	

LDC#: 61834E

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

Method: PFAS (EPA 1633)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	S5F0935-CCV2 LCQQQ	6/9/2025	PFOA (M8PFOA)	2.5000	2.8815	2.8735	15.3	14.9
			PFOS (M8PFOA)	2.3200	2.3920	2.4044	3.1	3.6
2	S5F0935-CCV7 LCQQQ	6/10/2025	PFOA (M8PFOA)	2.5000	2.6822	2.6782	7.3	7.1
			PFOS (M8PFOA)	2.3200	2.2700	2.4049	2.2	3.7

LDC # 61834E

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50519-BS1

Compound	SA (ng/L)		SSC (ng/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
PFOA	40.0	NA	46.6	NA	117	117				
PFOS	37.2	NA	37.5	NA	101	101				

LDC # 61834E

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Concentration = $\frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured

DF = Dilution factor

CF = Calibration factor from continuing calibration curve

Vi = Initial volume or weight of sample extracted in milliliters (mL) or grams (g)

Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	Ais	r2 coeff a	r2 coeff b	r2 coeff c	Vf (uL)	Vi (mL)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ng/L)	Reported Concentration (ng/L)	% Diff
1	PFOA	70442	29347	0.005849	0.795565	0.060852	5000.00	484.10	1.00	NA	7.096	73.29	74.60	0.0

Area ratio (Y) = a (X^2) + b X + c

SAMPLE 1	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2	(-b -())/ 2a
pfoa	6.000783726	0.00585	0.79556	0.06085	7.0961039	7.096	-5.9399322	0.77189254	0.8785742	7.096104	-143.114873

61834E w vektor 32-20 38th ave queens york

Site:	32-20 38th Avenue, Queens, NY
Laboratory:	York Analytical Laboratories, Inc., Stratford, CT/Phoenix Environmental Laboratories, Inc., Manchester, CT
SDG:	25F0238/GCT44087
Reviewer:	Jon Carmichael and Pei Geng/Laboratory Data Consultants for vEKtor Consultants – New York, NY
Date:	November 17, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID/SUB LAB ID	FRACTIONS VALIDATED
MW-1D	25F0238-01/CT44087	Metals, Wet Chemistry
MW-2	25F0238-02/CT44088	Metals, Wet Chemistry
MW-4	25F0238-03/CT44089	Metals, Wet Chemistry
MW-1DMS	25F0238-01MS/CT44087MS	Metals, Wet Chemistry
MW-1DMSD	25F0238-01MSD	Wet Chemistry
MW-1DDUP	25F0238-01DUP	Metals, Wet Chemistry
MW-2MS	25F0238-02MS	Wet Chemistry
MW-2MSD	25F0238-02MSD	Wet Chemistry
MW-2DUP	25F0238-02DUP	Wet Chemistry

Associated QC Samples(s):

Field/Trip Blanks: None Associated
Field Duplicate pair: None Associated

The above-listed water samples were collected on June 4, 2025 and were analyzed for metals and dissolved metals by SW-846 methods 6010D, 6020B, and 7470A, hexavalent chromium by SW-846 method 7196A, and trivalent chromium by calculation. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for ICP-MS Data Validation,* SOP No. HW-3b, ISM02.2, , Revision 1 (September 2016), the USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Internal Standards
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The wet chemistry nondetect result for hexavalent chromium in sample MW-2 was rejected (R) due to exceedance in the technical holding time. The results are not usable for project objectives, which may have a major impact on the data usability.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

Metals

All criteria were met.

Wet Chemistry

All technical holding time requirements were met with the following exceptions:

Sample	Analyte	Total Hours From Sample Collection Until Analysis	Required Holding Time (in Hours) From Sample Collection Until Analysis	Validation Action
MW-2	Hexavalent chromium	151	24	R (all non-detects)

Initial and Continuing Calibration

Metals

Initial and continuing calibrations were performed as required by the methods.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits with the following exceptions:

Date	Lab. Reference/ID	Analyte	%R (90-110)	Associated Samples	Validation Action
06/09/25	S5F1004-CCV6	Dissolved cadmium Dissolved thallium	112 116	MW-1D MW-2 MW-4	None
06/09/25	S5F1028-CCV4	Antimony Cadmium	123 128	MW-1D MW-2 MW-4	None
06/09/25	S5F1028-CCV5	Thallium	112	MW-1D MW-2 MW-4	None

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

Wet Chemistry

All criteria were met.

ICP Interference Check Sample Analysis

Metals

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

MS/MSD Results

Metals

All criteria were met.

Wet Chemistry

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

Spike ID (Associated Samples)	Analyte	MS %R	MSD %R	Limits	Validation Action
MW-2MS/MSD (MW-2)	Hexavalent chromium	421	419	85-115	None

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

Relative percent differences (RPD) were within QC limits.

Laboratory Duplicate Results

All criteria were met.

Serial Dilution

Metals

Serial dilution was not performed for this SDG.

LCS Results

Metals

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

LCS ID (Associated Samples)	Analyte	%R	Limits	Validation Action
BF50377-BS1	Dissolved calcium	123	80-120	J (all detects)
(MW-1D	Calcium	152	80-120	J (all detects)
MW-2				
MW-4)				

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

Wet Chemistry

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Internal Standards

Metals

All criteria were met.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals and wet chemistry analyses.

Due to high target analyte levels or difficult sample matrix, select samples were analyzed at dilutions. The following table lists the sample dilutions which were performed and the results reported. RLs were elevated accordingly.

Sample	Wet Chemistry Analyses Reported
MW-2	5-fold dilution due to sample matrix for hexavalent chromium

Dilutions were not required for metals analyses.

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

Metals

The results for the dissolved metals sample analyses were greater than the total metals sample analyses as follows:

Sample	Analyte	Concentration (mg/L)	
		Total	Dissolved
MW-1D	Chromium	0.00556U	0.0107
	Sodium	104	108
MW-2	Calcium	107	123
	Magnesium	14.3	15.8
	Potassium	2.71	2.88
MW-4	Potassium	10.6	10.7
	Sodium	29.3	33.9

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834E
SDG #: 25F0238/GCT44087
Laboratory: York Analytical Laboratories, Inc., Stratford, CT / Phoenix Environmental Laboratories, Inc., Manchester, CT
Method: Metals, Dissolved Metals (EPA 6010D); Metals, Dissolved Metals (EPA 6020B); Mercury, Dissolved Mercury (EPA 7470A)

Date: 11/5/2025
Page: 1/1
Reviewer: JC
2nd Reviewer:

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	ICP/MS Tune	A	
III	Initial Calibration	A	
IV	ICV/Continuing Calibration	SW	
V	ICP Interference Check Sample Analysis	A	
VI	Laboratory Blanks	A	
VII	Field Blanks	N	
VIII	Matrix Spike/Matrix Spike Duplicate	A	
IX	Laboratory Duplicate	A	
X	Serial Dilution	N	
XI	Laboratory Control Sample	SW	LCS
XII	Field Duplicate	N	
XIII	Internal Standards (ICP-MS)	A	
XIV	Target Analyte Quantitation	SW A	MDL & no Sample LRL
XV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID / Sub Lab ID	QC Type	Matrix	Date	Stage
1	MW-1D No Dilution	25F0238-01/ CT44087 *		Water	06/04/2025	Category B
2	MW-2 No Dilution	25F0238-02/ CT44088 *		Water	06/04/2025	Category B
3	MW-4 ↓	25F0238-03/ CT44089 *		Water	06/04/2025	Category B
4	MW-1DMS	25F0238-01MS/CT44087MS	MS	Water	06/04/2025	Category B
5	MW-1DDUP	25F0238-01DUP	DUP	Water	06/04/2025	Category B

* From SDG GCT44087 / Sub LAB ID CT44087
* " ↓ " " " CT44088
* " " " " CT44089

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-1D

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-01 File ID: QBI060925A_WATER-056

Sampled: 06/04/25 10:35 Prepared: 06/06/25 08:54 Analyzed: 06/09/25 13:36

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50434 Sequence: S5F0925 Calibration: 06/09/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	1.49	1		EPA 6010D
7429-90-5	Aluminum (dissolved)	0.0556	1	U	EPA 6010D
7440-39-3	Barium	0.227	1		EPA 6010D
7440-39-3	Barium (dissolved)	0.158	1		EPA 6010D
7440-70-2	Calcium	165	1		EPA 6010D
7440-70-2	Calcium (dissolved)	107	1		EPA 6010D
7440-47-3	Chromium	0.00556	1	U	EPA 6010D
7440-47-3	Chromium (dissolved)	0.0107	1		EPA 6010D
7440-48-4	Cobalt	0.0111	1		EPA 6010D
7440-48-4	Cobalt (dissolved)	0.00444	1	U	EPA 6010D
7440-50-8	Copper	0.0234	1		EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-89-6	Iron	3.02	1		EPA 6010D
7439-89-6	Iron (dissolved)	0.278	1	U	EPA 6010D
7439-92-1	Lead	0.00611	1		EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	74.7	1		EPA 6010D
7439-95-4	Magnesium (dissolved)	52.1	1		EPA 6010D
7439-96-5	Manganese	0.676	1		EPA 6010D
7439-96-5	Manganese (dissolved)	0.108	1		EPA 6010D
7440-02-0	Nickel	0.0120	1		EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-09-7	Potassium	8.45	1		EPA 6010D
7440-09-7	Potassium (dissolved)	8.33	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-1D

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-01 File ID: QBI060625A_DISS_WATER-078

Sampled: 06/04/25 10:35 Prepared: 06/05/25 15:46 Analyzed: 06/06/25 12:49

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50377 Sequence: S5F0623 Calibration: 06/06/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D
7440-23-5	Sodium	104	1		EPA 6010D
7440-23-5	Sodium (dissolved)	108	1		EPA 6010D
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D
7440-62-2	Vanadium (dissolved)	0.0111	1	U	EPA 6010D
7440-66-6	Zinc	0.0426	1		EPA 6010D
7440-66-6	Zinc (dissolved)	0.0422	1		EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-2

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-02 File ID: QBI060925A_WATER-057

Sampled: 06/04/25 09:15 Prepared: 06/06/25 08:54 Analyzed: 06/09/25 13:38

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50434 Sequence: S5F0925 Calibration: 06/09/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	0.333	1		EPA 6010D
7429-90-5	Aluminum (dissolved)	0.0556	1	U	EPA 6010D
7440-39-3	Barium	0.0722	1		EPA 6010D
7440-39-3	Barium (dissolved)	0.0646	1		EPA 6010D
7440-70-2	Calcium	107	1		EPA 6010D
7440-70-2	Calcium (dissolved)	123	1		EPA 6010D
7440-47-3	Chromium	0.0692	1		EPA 6010D
7440-47-3	Chromium (dissolved)	0.0631	1		EPA 6010D
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D
7440-48-4	Cobalt (dissolved)	0.00444	1	U	EPA 6010D
7440-50-8	Copper	0.0222	1	U	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-89-6	Iron	0.535	1		EPA 6010D
7439-89-6	Iron (dissolved)	0.278	1	U	EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	14.3	1		EPA 6010D
7439-95-4	Magnesium (dissolved)	15.8	1		EPA 6010D
7439-96-5	Manganese	0.0316	1		EPA 6010D
7439-96-5	Manganese (dissolved)	0.00556	1	U	EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-09-7	Potassium	2.71	1		EPA 6010D
7440-09-7	Potassium (dissolved)	2.88	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-2

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-02 File ID: QBI060625A_DISS_WATER-081

Sampled: 06/04/25 09:15 Prepared: 06/05/25 15:46 Analyzed: 06/06/25 12:55

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50377 Sequence: S5F0623 Calibration: 06/06/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D
7440-23-5	Sodium	156	1		EPA 6010D
7440-23-5	Sodium (dissolved)	141	1		EPA 6010D
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D
7440-62-2	Vanadium (dissolved)	0.0111	1	U	EPA 6010D
7440-66-6	Zinc	0.0360	1		EPA 6010D
7440-66-6	Zinc (dissolved)	0.0278	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-4

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-03 File ID: QBI060925A_WATER-058

Sampled: 06/04/25 11:25 Prepared: 06/06/25 08:54 Analyzed: 06/09/25 13:39

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50434 Sequence: S5F0925 Calibration: 06/09/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	0.466	1		EPA 6010D
7429-90-5	Aluminum (dissolved)	0.0556	1	U	EPA 6010D
7440-39-3	Barium	0.0657	1		EPA 6010D
7440-39-3	Barium (dissolved)	0.0344	1		EPA 6010D
7440-70-2	Calcium	117	1		EPA 6010D
7440-70-2	Calcium (dissolved)	101	1		EPA 6010D
7440-47-3	Chromium	0.00556	1	U	EPA 6010D
7440-47-3	Chromium (dissolved)	0.00556	1	U	EPA 6010D
7440-48-4	Cobalt	0.0113	1		EPA 6010D
7440-48-4	Cobalt (dissolved)	0.00933	1		EPA 6010D
7440-50-8	Copper	0.0222	1	U	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-89-6	Iron	1.18	1		EPA 6010D
7439-89-6	Iron (dissolved)	0.278	1	U	EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	30.4	1		EPA 6010D
7439-95-4	Magnesium (dissolved)	20.7	1		EPA 6010D
7439-96-5	Manganese	1.40	1		EPA 6010D
7439-96-5	Manganese (dissolved)	0.290	1		EPA 6010D
7440-02-0	Nickel	0.0188	1		EPA 6010D
7440-02-0	Nickel (dissolved)	0.0146	1		EPA 6010D
7440-09-7	Potassium	10.6	1		EPA 6010D
7440-09-7	Potassium (dissolved)	10.7	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-4

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-03 File ID: QBI060625A_DISS_WATER-082

Sampled: 06/04/25 11:25 Prepared: 06/05/25 15:46 Analyzed: 06/06/25 12:57

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50377 Sequence: S5F0623 Calibration: 06/06/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D
7440-23-5	Sodium	29.3	1		EPA 6010D
7440-23-5	Sodium (dissolved)	33.9	1		EPA 6010D
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D
7440-62-2	Vanadium (dissolved)	0.0111	1	U	EPA 6010D
7440-66-6	Zinc	0.0764	1		EPA 6010D
7440-66-6	Zinc (dissolved)	0.0292	1		EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-1D

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-01 File ID: QBIMX061025A-053

Sampled: 06/04/25 10:35 Prepared: 06/06/25 09:07 Analyzed: 06/10/25 13:47

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50436 Sequence: S5F1028 Calibration: 06/10/25 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	1.11	1	U	EPA 6020B
7440-36-0	Antimony (dissolved)	2.22	1	U	EPA 6020B
7440-38-2	Arsenic	1.17	1		EPA 6020B
7440-38-2	Arsenic (dissolved)	2.22	1	U	EPA 6020B
7440-41-7	Beryllium	0.333	1	U	EPA 6020B
7440-41-7	Beryllium (dissolved)	0.667	1	U	EPA 6020B
7440-43-9	Cadmium	0.556	1	U	EPA 6020B
7440-43-9	Cadmium (dissolved)	1.11	1	U	EPA 6020B
7782-49-2	Selenium	1.83	1		EPA 6020B
7782-49-2	Selenium (dissolved)	2.22	1	U	EPA 6020B
7440-28-0	Thallium (dissolved)	2.22	1	U	EPA 6020B
7440-28-0	Thallium	1.11	1	U	EPA 6020B

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-2

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-02 File ID: QBIMX061025A-054

Sampled: 06/04/25 09:15 Prepared: 06/06/25 09:07 Analyzed: 06/10/25 13:50

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50436 Sequence: S5F1028 Calibration: 06/10/25 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	1.11	1	U	EPA 6020B
7440-36-0	Antimony (dissolved)	1.11	1	U	EPA 6020B
7440-38-2	Arsenic	1.11	1	U	EPA 6020B
7440-38-2	Arsenic (dissolved)	1.11	1	U	EPA 6020B
7440-41-7	Beryllium	0.333	1	U	EPA 6020B
7440-41-7	Beryllium (dissolved)	0.333	1	U	EPA 6020B
7440-43-9	Cadmium	0.556	1	U	EPA 6020B
7440-43-9	Cadmium (dissolved)	0.556	1	U	EPA 6020B
7782-49-2	Selenium	9.83	1		EPA 6020B
7782-49-2	Selenium (dissolved)	8.77	1		EPA 6020B
7440-28-0	Thallium (dissolved)	1.11	1	U	EPA 6020B
7440-28-0	Thallium	1.11	1	U	EPA 6020B

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-4

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-03 File ID: QBIMX061025A-055

Sampled: 06/04/25 11:25 Prepared: 06/06/25 09:07 Analyzed: 06/10/25 13:54

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50436 Sequence: S5F1028 Calibration: 06/10/25 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	1.11	1	U	EPA 6020B
7440-36-0	Antimony (dissolved)	1.11	1	U	EPA 6020B
7440-38-2	Arsenic	1.33	1		EPA 6020B
7440-38-2	Arsenic (dissolved)	1.21	1		EPA 6020B
7440-41-7	Beryllium	0.333	1	U	EPA 6020B
7440-41-7	Beryllium (dissolved)	0.333	1	U	EPA 6020B
7440-43-9	Cadmium	0.556	1	U	EPA 6020B
7440-43-9	Cadmium (dissolved)	0.556	1	U	EPA 6020B
7782-49-2	Selenium	2.28	1		EPA 6020B
7782-49-2	Selenium (dissolved)	2.06	1		EPA 6020B
7440-28-0	Thallium (dissolved)	1.11	1	U	EPA 6020B
7440-28-0	Thallium	1.11	1	U	EPA 6020B

1

INORGANIC ANALYSIS DATA SHEET Client Id

MW-1D

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT44087

Lab Sample Id: CT44087 Sample Matrix: GROUND WATER

Date Received: 6/5/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	06/12/25 08:08	AV

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-2

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT44087

Lab Sample Id: CT44088 Sample Matrix: GROUND WATER

Date Received: 6/5/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	06/12/25 08:10	AV

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET Client Id

MW-4

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT44087

Lab Sample Id: CT44089 Sample Matrix: GROUND WATER

Date Received: 6/5/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	06/12/25 08:13	AV

FORM I - IN

Sample Specific Element Reference

Reviewer: JC

LDC #: 61834E

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1-3	Water	6010D	Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
↓	↓	↓	Dissolved: Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
1-3	Water	6020B	Sb, As, Be, Cd, Se, Tl
↓	↓	↓	Dissolved: Sb, As, Be, Cd, Se, Tl
1-3	Water	7470A	Hg
↓	↓		Dissolved: Hg
QC			
3-4	Water	7470A	Hg

Comments:

LDC #: 61834E	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Findings/Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.	YES			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?	YES			
Were %RSDs of isoptoes in the tuning solution ≤5%?	YES			
III./IV. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?		NO		
Were the low level standard checks within 70-130%?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
V. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			
VI. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		NO		
VII. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VIII./IX. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	YES			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	YES			
X. Serial Dilution				
Were all percent differences <10%?			NA	
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			NA	

LDC #: 61834E	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Findings/Comments**
XI. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?		NO		
XII. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
XIII. Internal Standards				
Were all percent recoveries within the 30-120% (60-120% for EPA Method 200.8) QC limits?	YES			
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIV. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?			NA	
XV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS WORKSHEETS

Calibration

Reviewer: JC

LDC #: 61834E

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

All initial calibration verifications (ICVs) and continuing calibration verifications (CCVs) were performed at the required frequency and were within the acceptance limits with the following exceptions:

Date	Time	Calibration ID (ICV/CCV)	Analyte	%R	%R Limits	Associated Samples	Qualification	Det/ND
6/9/2025	19:21	S5F1004-CCV6	Diss Cd	112	90-110	All Samples	Jdet/A	ND
			Diss Tl	116	↓	↓	↓	↓
		S5F1028-CCV4	Sb	123	↓	↓	↓	ND
			Cd	128	↓	↓	↓	↓
		S5F1028-CCV5	Tl	112	↓	↓	↓	ND

VALIDATION FINDINGS WORKSHEETS
Laboratory Control Sample

LDC #: 61834E

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/700
A LCS was analyzed for each matrix at the required frequencies. All LCS percent recoveries (%R) were within the acceptable limits with the following exceptions:

LCS ID	Matrix	Analyte	LCS %R	%R Limit	Associated Samples	Qualification	Det/ND
BF50377-BS1	Water	Diss Ca	123	80-120	All Samples	Jdet/A	Det
	↓	Ca	152	↓	↓	↓	Det

VALIDATION FINDINGS WORKSHEETS

Target Analyte Quantitation

Reviewer: JC

LDC #: 61834E

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Sample ID	Analyte	Total Result	Dissolved Result	Qualification	Det/ND
1	Cr	0.00556 U	0.0107	Text	ND/Det
	Na	104	108	↓	Det
2	Ca	107	123	↓	Det
	Mg	14.3	15.8	↓	Det
	K	2.71	2.88	↓	Det
3	K	10.6	10.7	↓	Det
	Na	29.3	33.9	↓	Det

Comments: The results for the dissolved metals analysis were greater than the total metals analysis

VALIDATION FINDINGS CHECKLIST

Calibration Calculation Verification

Reviewer: JC

LDC #: 61834E

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis

True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP (ug/mL)	Diss Al	10.7	10	107	107	Y
CCV	ICP (ug/mL)	Cr	0.976	1	97.6	97.6	Y
LLCC	ICP (ug/mL)	Diss Cu	0.0406	0.04	102	102	Y
ICSAB	ICP (ug/mL)	Diss Mg	519.06	500	104	104	Y
ICV	ICP-MS	Be	49.7	50	99	99.4	Y
CCV	ICP-MS	Diss Cd	55.8	50	112	112	Y
LLCC	ICP-MS	Se	0.989	1	98.9	98.9	Y
ICSAB	ICP-MS	Be	21.83	20	109.15	109	Y
ICV	CVAA	Hg	0.0039158	0.004	97.895	97.9	Y
CCV	CVAA	Hg	0.0041137	0.004	102.8425	102.8	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
6/9/2025	Mass Axis	9.0	9.0	± 0.1 amu
6/10/2025	%RSD	139.9	1.1	≤ 5%

VALIDATION FINDINGS WORKSHEET

Quality Control Sample Recalculations

Reviewer: JC

LDC #: 61834E

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)

True = concentration of each analyte in the source

The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = (Absolute value(S-D)x 200) / (S+D)

S = Original sample concentration

D = Duplicate sample concentration

The serial dilution percent difference (%D) was recalculated using the following formula.

%D = (Absolute value (I - SDR)) x 100 / (I)

I = Initial sample result

SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
BF50377-BS1	LCS	Diss Ca	1.23	1	123	123	Y
4	MS	Hg	0.0026	0.0025	104		---
5	Duplicate	Hg	0.0002	0.0002	0	NC	Y
NA	PDS				#DIV/0!		---
NA	Serial dilution				#DIV/0!		---

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: JC

LDC #: 61834E

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Initial volume)

Sample ID	Analyte	Raw Data (ug/L, mg/L)	Dilution	Initial Weight/ Volume (mL)	Final Volume (mL)	Reported Result (ug/L, mg/L)	Recalculated Result (ug/L, mg/L)	Acceptable (Y/N)
1	As (ug/L)	1.055038	1	45	50	1.17	1.17	Y
2	Ba	0.065	1	45	50	0.0722	0.0722	Y
3	Diss As (ug/L)	1.092617	1	45	50	1.21	1.21	Y

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834E
SDG #: 25F0238/GCT44087
Laboratory: York Analytial Laboratories, Inc., Stratford, CT / Phoenix Environmenal Laboratories, Inc., Manchester, CT
Method: Hexavalent Chromium (EPA 7196A); Trivalent Chromium (Calculation)

Date: 11/5/2025
Page: 1/1
Reviewer: JC
2nd Reviewer:

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/SW	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	Laboratory Blanks	A	
V	Field Blanks	N	
VI	Matrix Spike/Matrix Spike Duplicate	SW	
VII	Laboratory Duplicate	A	
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	MDL<No Samples < RL
XI	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1D No Dilutions	25F0238-01		Water	06/04/2025	Category B
2	MW-2 5x Dilution Cr(VI) (matrix)	25F0238-02		Water	6/4/2025	Category B
3	MW-4 No Dilution	25F0238-03		Water	6/4/2025	Category B
4	MW-1DMS	25F0238-01MS	MS	Water	06/04/2025	Category B
5	MW-1DMSD	25F0238-01MSD	MSD	Water	06/04/2025	Category B
6	MW-1DDUP	25F0238-01DUP	DUP	Water	06/04/2025	Category B
7	MW-2MS	25F0238-02MS	MS	Water	06/04/2025	Category B
8	MW-2MSD	25F0238-02MSD	MSD	Water	06/04/2025	Category B
9	MW-2DUP	25F0238-02DUP	DUP	Water	06/04/2025	Category B

Notes:

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

MW-1D

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-01 File ID: HexChrome_SPECA_Ver1_BF50

Sampled: 06/04/25 10:35 Prepared: 06/04/25 19:12 Analyzed: 06/04/25 22:46

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BF50297 Sequence: Calibration: 06/04/25 2 Instrument: SPEC A

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.0100	1	U	EPA 7196A

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

MW-2

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-02 File ID: HexChrome_SPECA_Ver1_BF50

Sampled: 06/04/25 09:15 Prepared: 06/10/25 16:40 Analyzed: 06/10/25 16:40

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BF50694 Sequence: Calibration: 06/10/25 1 Instrument: SPEC A

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.0500	5	U	EPA 7196A

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

MW-4

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-03 File ID: HexChrome_SPECA_Ver1_BF50

Sampled: 06/04/25 11:25 Prepared: 06/04/25 19:12 Analyzed: 06/04/25 22:46

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BF50297 Sequence: Calibration: 06/04/25 2 Instrument: SPEC A

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.0100	1	U	EPA 7196A

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

MW-1D

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-01 File ID:

Sampled: 06/04/25 10:35 Prepared: 06/10/25 14:52 Analyzed: 06/10/25 17:45

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BF50682 Sequence: Calibration: 06/10/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	0.0100	1	U	Calculation

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

MW-2

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-02 File ID:

Sampled: 06/04/25 09:15 Prepared: 06/10/25 14:52 Analyzed: 06/10/25 17:45

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BF50682 Sequence: Calibration: 06/10/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	0.0692	1		Calculation

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

MW-4

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0238

Client: Vektor Consultants Project: 32-30 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0238-03 File ID:

Sampled: 06/04/25 11:25 Prepared: 06/10/25 14:52 Analyzed: 06/10/25 17:45

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BF50682 Sequence: Calibration: 06/10/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	0.0100	1	U	Calculation

LDC #: 61834E

All elements are applicable to each sample as noted below.

Sample ID	Target Analyte List
1-2	Hexavalent Chromium, Trivalent Chromium
QC	
3-8	Hexavalent Chromium

LDC #: 61834E	METHOD: Inorganics			
Validation Area	**Yes**	**No**	**NA**	**Findings/ Comments**
I. Technical holding times				
Were all technical holding times met?		NO		
II./III. Calibration				
Were all instruments calibrated at the required frequency?	YES			
Were the proper number of standards used?	YES			
Were all initial and continuing calibration verifications within the QC limits?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
Were balance checks performed as required?	YES			
IV. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		~~NO~~	NA	Not Required by method
V. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VI./VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)		NO		
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	YES			
VIII. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			

LDC #: 61834E	METHOD: Inorganics			
Validation Area	**Yes**	**No**	**NA**	**Findings/ Comments**
IX. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?			NA	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to	YES			

VALIDATION FINDINGS WORKSHEETS
Holding Time

Reviewer: JC

LDC #: 61834E

METHOD: Inorganics
All samples were properly preserved and within the requried holding time with the following exceptions:

		Analyte: Hexavalent Chromium (EPA 7196A) Holding Time: 24 (Hours)			
Sample ID	**Sampling Date**	**Analysis Date**	**Total Time from Collection to Analysis (Hours)**	**Qualifier**	**Det/ND**
2	06/04/25 9:15	06/10/25 16:40	151	J/R/A*	ND

Comment: HT-01R : This flag indicates that the sample was initially analyzed within recommended hold time and that a re-run was performed outside of the hold time. /P changed to /A *

VALIDATION FINDINGS WORKSHEETS
Matrix Spike/Matrix Spike Duplicates

LDC #: 61834E

METHOD: Inorganics

MS/MSD analysis was performed by the laboratory. All MS/MSD percent recoveries (%R) and relative percent differences (RPDs) were within the acceptable limits with the following exceptions:

MS/MSD ID	Matrix	Analyte	MS %R	MSD %R	%R Limit	RPD	RPD Limit	Associated Samples	Qualification	Det/ND
~~6,7~~ 7,8	Water	Hexavalent Chromium	421	419	85-115			2	Jdet/A	ND

VALIDATION FINDINGS CHECKLIST

Initial and Continuing Calibration Calculation Verification

Reviewer: JC

METHOD: Inorganics

The correlation

Calibration date: 12/30/2024

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of Analysis	Analyte	Standard	Concentration (mg/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial Calibration	Hexavalent Chromium	s1	0.01	0.009	0.999776	0.999553	Y
		s2	0.05	0.043			
		s3	0.1	0.086			
		s4	0.25	0.207			
		s5	0.5	0.415			
		s6	0.75	0.642			
		s7					
		s8					
		s9					
		s10					
		s11					
		s12					

Type of Analysis	Analyte	Found (mg/L)	True (mg/L)		Recalculated %R	Reported %R	Acceptable (Y/N)
Calibration verification	Hexavalent Chromium	0.512493683	0.5		102	102	Y
Calibration verification	Hexavalent Chromium	0.450103507	0.5		90	90	Y
Calibration verification	Hexavalent Chromium	0.46540676	0.5		93.081352	93.0813516	Y

VALIDATION FINDINGS CHECKLIST

Quality Control Sample Recalculations

Reviewer: JC

LDC #: 61834E

METHOD: Inorganics

Percent recoveries (%R) for the laboratory control sample (LCS) and matrix spike (MS) were recalcuated using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)

True = concentration of each analyte in the source

The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = (Absolute value(S-D)x 200) / (S+D)

S = Original sample concentration

D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	Found/S	True/D	Recalculated %R/RPD	Reported %R/RPD	Acceptable (Y/N)
BF50297-BS1	LCS	Hexavalent Chromium	0.49	0.5	98	98	Y
6	MS	Hexavalent Chromium	2.103370896	0.5	421	421	Y
6,7	Duplicate	Hexavalent Chromium	2.103370896	2.097485031	0.28	0.28	Y

VALIDATION FINDINGS CHECKLIST

Sample Calculation Verification

Reviewer: JC

LDC #: 61834E

METHOD: Inorganics

Analytes were recalculated and verified using the following equation:

Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids (if applicable) x Initial weight or volume)

Sample ID	Analyte	Raw Data (mg/L)	Dilution	Initial Volume (mL)	Final Volume (mL)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
1	Hexavalent Chromium	0.001600546	1	100	100	0.0100 U	0.001600546	Y
3	Hexavalent Chromium	0.001600546	1	100	100	0.0100 U	0.001600546	Y

Matrix: Aqueous / Solid

Cr(III) = Total Chromium - Cr(VI)

Sample ID	Analyte	Total Chromium (mg/L)	Cr6+ (mg/L)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
2	Trivalent Chromium	0.0692	0.0500 U	0.0692	0.0692	Y

Site:	32-20 38th Avenue, Queens, NY
Laboratory:	York Analytical Laboratories, Inc., Stratford, CT
SDG:	25F0381
Reviewer:	Josephine Go and Pei Geng/Laboratory Data Consultants for vEKtor Consultants – New York, NY
Date:	November 17, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
MW-1I	25F0381-01	VOC, SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB, PFAS
MW-6	25F0381-02	VOC, SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB,
MW-5	25F0381-04	SVOC, SVOC-SIM, 1,4-Dioxane, Pesticide, PCB,
FB-5	25F0381-05	PFAS
TB-5	25F0381-06	VOC
MW-1IMS	25F0381-01MS	1,4-Dioxane
MW-1IMSD	25F0381-01MSD	1,4-Dioxane

Associated QC Samples(s):

Field/Trip Blanks: FB-5 and TB-5
Field Duplicate pair: None Associated

The above-listed water samples were collected on June 5, 2025 and were analyzed for volatile organic compounds (VOC) by SW-846 method 8260D, semivolatile organic compounds (SVOC) by SW-846 methods 8270D and 8270D in selected ion monitoring (SIM) mode, 1,4-dioxane by SW-846 method 8270E in SIM mode, chlorinated pesticides by SW-846 method 8081B, polychlorinated biphenyls (PCB) by SW-846 method 8082A, and perfluoroalkyl and polyfluoroalkyl substances (PFAS) by method 1633. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014), the USEPA Region 2 *Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D,* SOP HW-22, Revision 5 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating Pesticide Compounds, Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B,* SOP HW-44, Revision 1.1 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating PCB Compounds, PCBs by Gas Chromatography SW-846 Method 8082A,* SOP HW-45, Revision 1 (October 2006), the Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023), and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Liquid Chromatography/Mass Spectrometry (LC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

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

The SVOC-SIM nondetect results for N-nitrosodimethylamine in samples MW-1I, MW-6, and MW-5 were rejected (R) due to severely low LCS percent recovery. The results are not usable for project objectives, which may have a major impact on the data usability.

The PFAS nondetect result for PFBA in sample FB-5 was rejected (R) due to severely low EIS percent recovery. The results are not usable for project objectives, which may have a major impact on the data usability.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Sample Preservation and Holding Times

All criteria were met.

GC/MS Tunes

VOC, SVOC, SVOC-SIM, and 1,4-Dioxane

All criteria were met.

GC/ECD Instrument Performance Checks

Pesticide and PCB

All criteria were met.

LC/MS Instrument Performance Check

PFAS

All criteria were met.

Initial and Continuing Calibrations

VOC

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/29/25	S5E3001-SCV1	1,3,5-Trimethylbenzene	38.5	MW-1I	UJ (all non-detects)
		Acrolein	35.9	MW-6	UJ (all non-detects)
		Cyclohexane	35.8	TB-5	UJ (all non-detects)
		p-Ethyltoluene	38.5		UJ (all non-detects)
		tert-Butyl alcohol	33.5		UJ (all non-detects)

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
06/09/25	S5F1003-CCV1	1,2,3-Trichlorobenzene	32.7	MW-1I	J (all detects)
		1,2,4-Trichlorobenzene	31.5	MW-6	UJ (all non-detects)
		2-Butanone	23.9		
		Acetone	22.0		
		Acrylonitrile	22.8		
		Bromomethane	54.1		
		Chloromethane	22.6		
		Dichlorodifluoromethane	47.8		
		Hexachlorobutadiene	38.2		
		Methyl acetate	31.9		
		Naphthalene	27.0		
		tert-Butyl alcohol	77.1		
06/10/25	S5F1005-CCV1	Acetone	44.6	TB-5	UJ (all non-detects)
		Bromomethane	67.8		UJ (all non-detects)
		Chloromethane	21.6		UJ (all non-detects)
		Hexachlorobutadiene	22.4		UJ (all non-detects)
		tert-Butyl alcohol	64.6		UJ (all non-detects)

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

SVOC

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%RSD	Associated Samples	Validation Action
06/11/25	SF50026	2,3,4,6-Tetrachlorophenol	21.39899	MW-1I	UJ (all non-detects)
		2,4-Dinitrophenol	70.72802	MW-6	UJ (all non-detects)
		4,6-Dinitro-2-methylphenol	38.63401	MW-5	UJ (all non-detects)
		4-Nitrophenol	49.861		UJ (all non-detects)
		Benzoic acid	33.36017		UJ (all non-detects)
		Caprolactam	66.6606		UJ (all non-detects)

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
06/12/25	S5F1301-CCV1	1,1-Biphenyl	22.5	MW-1I	UJ (all non-detects)
		2,4-Dinitrophenol	133	MW-6	UJ (all non-detects)
		2-Chlorophenol	29.7		UJ (all non-detects)
		2-Methylphenol	24.5		UJ (all non-detects)
		3,3-Dichlorobenzidine	20.7		UJ (all non-detects)
		4,6-Dinitro-2-methylphenol	137		UJ (all non-detects)
		Benzaldehyde	29		UJ (all non-detects)
		N-Nitrosodiphenylamine	20.4		UJ (all non-detects)
06/12/25	S5F1224-CCV1	1,1-Biphenyl	24.9	MW-5	UJ (all non-detects)
		2,4,5-Trichlorophenol	22.7		UJ (all non-detects)
		2,4-Dinitrophenol	139		UJ (all non-detects)
		2-Chlorophenol	23.8		UJ (all non-detects)
		2-Methylphenol	20.8		UJ (all non-detects)
		3- & 4-Methylphenols	162		UJ (all non-detects)
		4-Chloroaniline	20.5		UJ (all non-detects)
		Benzaldehyde	24.8		UJ (all non-detects)
		N-Nitrosodiphenylamine	22.5		UJ (all non-detects)

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

SVOC-SIM

Initial calibration:

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/30/25	S5E3110-SCV1	Benzo(g,h,i)perylene	35.8	MW-1I	UJ (all non-detects)
		Hexachloroethane	342	MW-6	UJ (all non-detects)
		Nitrobenzene	49.8	MW-5	UJ (all non-detects)

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
06/12/25	S5F1222-CCV1	Benzo(g,h,i)perylene	23.1	MW-1I	UJ (all non-detects)
		Hexachloroethane	31.5	MW-6	UJ (all non-detects)
		N-Nitrosodimethylamine	22.5	MW-5	UJ (all non-detects)
		Pentachlorophenol	31.9		UJ (all non-detects)

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

1,4-Dioxane

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0%.

Average relative response factors (RRF) were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0%.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0%.

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

Pesticide

Initial calibration:

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes.

PCB

Initial calibration:

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes.

PFAS

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
06/09/25	S5F0935-CCV3	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	59.3	MW-1I	UJ (all non-detects)
		Perfluorotridecanoic acid (PFTrDA)	31.6	FB-5	UJ (all non-detects)

The percent differences (%D) of the instrument sensitivity check (ISC) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
06/09/25	S5F0935-LCV1	Perfluorotetradecanoic acid (PFTA)	32.9	MW-1I	UJ (all non-detects)
		Perfluoro-1-nonanesulfonic acid (PFNS)	39.4	FB-5	UJ (all non-detects)

Blanks

Contamination was not detected in the method blanks.

No positive results were found in the trip blank sample TB-5 for VOC analysis.

No positive results were found in the field blank sample FB-5 for PFAS analysis.

Surrogate Recoveries

VOC, Pesticide, and PCB

Surrogates were added to all samples as required by the methods. All surrogate recoveries (%R) were within QC limits.

SVOC

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

Sample	Surrogate	%R (Limits)	Affected Analyte	Validation Action
MW-1I	2-Fluorophenol Phenol-d5	91.3 (19.7-63.1) 76.1 (10.1-41.7)	All SVOC analytes	None

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

Additionally, surrogate recoveries (%R) were not within QC limits for samples MW-6 and MW-5. Using professional judgment, no data were qualified when one base or one acid surrogate %R was outside the QC limits and the %R was greater than or equal to 10%.

SVOC-SIM

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

Sample	Surrogate	%R (Limits)	Affected Analyte	Validation Action
MW-1I	2-Fluorophenol Phenol-d5	91.3 (19.7-63.1) 76.1 (10.1-41.7)	All SVOC-SIM analytes	None

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

Additionally, surrogate recoveries (%R) were not within QC limits for samples MW-6 and MW-5. Using professional judgment, no data were qualified when one base or one acid surrogate %R was outside the QC limits and the %R was greater than or equal to 10%.

1,4-Dioxane

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

Sample	Surrogate	%R (Limits)	Affected Analyte	Validation Action
MW-1I	1,4-Dioxane-d8	140 (36.6-118)	1,4-Dioxane	None

No data were qualified due to high %R when the associated result was non-detected.

MS/MSD Results

1,4-Dioxane

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VOC, SVOC, SVOC-SIM, Pesticide, PCB, and PFAS

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

LCS Results

VOC

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

LCS ID (Associated Samples)	Analyte	LCS %R (Limits)	LCSD %R (Limits)	Validation Action
BF50628-BS1/BSD1 (MW-1I MW-6)	1,2,3-Trichlorobenzene	71.8 (76-136)	66.9 (76-136)	J (all detects) UJ (all non-detects)
	1,2,4-Trichlorobenzene	74.3 (76-137)	69.6 (76-137)	
	Bromoform	54.3 (78-133)	70.3 (78-133)	
	Cyclohexane	61 (63-149)	57.2 (63-149)	
	Hexachlorobutadiene	-	58 (67-146)	
	Naphthalene	-	69.3 (70-147)	
BF50628-BS1/BSD1 (MW-1I MW-6)	1,3,5-Trimethylbenzene	134 (80-131)	-	None
	Benzene	128 (85-126)	-	
	p-Ethyltoluene	134 (88-129)	-	
BF50629-BS1/BSD1 (TB-5)	1,2,3-Trichlorobenzene	70.8 (76-136)	-	UJ (all non-detects)
	4-Methyl-2-pentanone	53.1 (57-145)	-	UJ (all non-detects)
	Bromoform	72.2 (78-133)	-	UJ (all non-detects)
	Cyclohexane	49.1 (63-149)	47.5 (63-149)	UJ (all non-detects)
BF50629-BS1/BSD1 (TB-5)	1,3,5-Trimethylbenzene	146 (80-131)	-	None
	p-Ethyltoluene	146 (63-149)	131 (63-149)	

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

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

LCS ID (Associated Samples)	Analyte	RPD (≤30)	Validation Action
BF50629-BS1/BSD1 (TB-5)	2-Butanone	32.1	None
	Acrylonitrile	31.7	
	tert-Butyl alcohol	57.5	

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

SVOC

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

LCS ID (Associated Samples)	Analyte	LCS %R (Limits)	LCSD %R (Limits)	Validation Action
BF50747-BS1/BSD1	2,3,4,6-Tetrachlorophenol	133 (30-130)	-	None
(MW-1I	2,4-Dinitrophenol	232 (10-170)	241 (10-170)	
MW-6	2,4-Dinitrotoluene	130 (41-128)	-	
MW-5)	2,6-Dinitrotoluene	119 (45-116)	-	
	4,6-Dinitro-2-methylphenol	291 (10-153)	276 (10-153)	
	Isophorone	129 (10-153)	-	
	4-Nitrophenol	-	189 (10-131)	

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

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

LCS ID (Associated Samples)	Analyte	RPD (≤20)	Validation Action
BF50747-BS1/BSD1	2-Methylphenol	27.6	None
(MW-1I	4-Nitrophenol	131	
MW-6	Pyridine	32.5	
MW-5)			

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

SVOC-SIM

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BF50748-BS2 (MW-1I MW-6 MW-5)	Hexachloroethane	249 (18-115)	None
BF50748-BS2 (MW-1I MW-6 MW-5)	N-Nitrosodimethylamine	0 (10-124)	R (all non-detects)

No data were qualified due to high %R when the associated result was non-detected.

PFAS

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BF50519-BS1 (MW-1I FB-5)	Perfluoro-4-oxapentanoic acid (PFMPA)	14 (50-150)	UJ (all non-detects)

LLLCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BF50519-BS2 (MW-1I FB-5)	N-EtFOSA	46.4 (50-150)	UJ (all non-detects)
	Perfluoro-4-oxapentanoic acid (PFMPA)	11.2 (50-150)	UJ (all non-detects)

1,4-Dioxane, Pesticide, and PCB

Laboratory control samples (LCS) were analyzed as required by the methods. Percent recoveries (%R) were within QC limits.

Field Duplicate Results

No field duplicates were identified in this SDG.

Internal Standards

VOC, SVOC, SVOC-SIM, and 1,4-Dioxane

All internal standard areas and retention times were within QC limits.

Pesticide and PCB

All internal standard percent recoveries (%R) were within QC limits.

PFAS

All extracted internal standard percent recoveries (%R) were within QC limits with the following exceptions:

Sample	Internal Standard	%R (Limits)	Affected Analyte	Validation Action
FB-5	MPFBA	3.01 (5-130)	PFBA	R (all non-detects)

No data were qualified due to high %R when the associated result was non-detected.

All non-extracted internal standard areas and retention times were within QC limits.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC analysis. These results were qualified as estimated (J) by the laboratory.

No results were reported below the RL and above the MDL in the SVOC, SVOC-SIM, 1,4-dioxane, pesticide, PCB, and PFAS analyses.

Dilutions were not required for VOC, SVOC, SVOC-SIM, 1,4-dioxane, pesticide, PCB, and PFAS analyses.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834F
SDG #: 25F0381/~~GCT45191~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT ~~/ Phoenix Environmenal Laboratories, Inc., Manchester, CT~~

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVC
2nd Reviewer:

Method: Volatiles (EPA 8260D)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/SW	RSD ≤ 20% or ICV ≤ 30%
IV	Continuing Calibration	SW	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	ND	TB = 5
VII	Surrogate	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	SW	LCS/D
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	Results < RL > MDL = J det
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1I +	25F0381-01		Water	06/05/2025	Category B
2	MW-6	25F0381-02		Water	06/05/2025	Category B
3	TB-5 -	25F0381-06		Water	06/05/2025	Category B

Notes:

BF50628- Blk1	(1, 2)	
BF50629- ↓	(3)	

Method: Volatiles (EPA SW 846 Method 8260D)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?		✓		
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		

Method: Volatiles (EPA SW 846 Method 8260D)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Initial Calibration Verification

Reviewer: JVG _

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)
A second source verification standard was analyzed after each ICAL for each instrument.
All analytes met the second source verification standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20.0%)	Associated samples	Qualifications
VOA9	5/29/2025	S5E3001-SCV1	1,3,5-Trimethylbenzene	38.5	ALL (ND)	J/UJ/A
			Acrolein	35.9		
			Cyclohexane	35.8		
			p-Ethyltoluene	38.5		
			tert-Butyl alcohol	33.5		

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
VOA9	~~6/9/225~~ 6/9/25	S5F1003-CCV1	1,2,3-Trichlorobenzene	32.7		1, 2, MB1 (ND+DET)	J/UJ/A
			1,2,4-Trichlorobenzene	31.5			
			2-Butanone	23.9			
			Acetone	22.0			
			Acrylonitrile	22.8			
			Bromomethane	54.1			
			Chloromethane	22.6			
			Dichlorodifluoromethane	47.8			
			Hexachlorobutadiene	38.2			
			Methyl acetate	31.9			
			Naphthalene	27.0			
			tert-Butyl alcohol	77.1			
VOA9	6/10/2025	S5F1005-CCV1	Acetone	44.6		3, MB2 (ND)	
			Bromomethane	67.8			
			Chloromethane	21.6			
			Hexachlorobutadiene	22.4			
			tert-Butyl alcohol	64.6			

	DOD	NFG				
%D	20%/50%	20%	RRF:	0.001 - poor performers	0.005 - 1,4-Dioxane	0.05 - all other analytes

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BF50628-BS1/BSD1	1,2,3-Trichlorobenzene	71.8	66.9	76-136			1, 2, MB1 (ND+DET)	J/UJ/P
	1,2,4-Trichlorobenzene	74.3	69.6	76-137				
	1,3,5-Trimethylbenzene	134	-	80-131			(ND)	J det/P
	Benzene	128	-	85-126				
	Bromoform	54.3	70.3	78-133			(ND+Det)	J/UJ/P
	Cyclohexane	61	57.2	63 - 149				
	p-Ethyltoluene	134	-	88-129			(ND)	J det/P
	Hexachlorobutadiene	-	58	67-146			(ND+Det)	J/UJ/P
	Naphthalene	-	69.3	70-147				
BF50629-BS1/BSD1	1,2,3-Trichlorobenzene	70.8	-	76-136			3, MB2 (ND)	J/UJ/P
	1,3,5-Trimethylbenzene	146	-	80-131				J det/P
	4-Methyl-2-pentanone	53.1	-	57-145				J/UJ/P
	Bromoform	72.2	-	78-133				
	Cyclohexane	49.1	47.5	63-149				
	p-Ethyltoluene	146	131	88-129				J det/P
	2-Butanone				32.1	30		
	Acrylonitrile				31.7			
	tert-Butyl alcohol				57.5			

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 10 std)	Recalculated RRF (RRF 10 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL QVOA9 SE50045	5/28/2025	Chloroform (FBZ)	0.334465	0.334465	0.332025	0.332025	4.018	4.018
			Chlorobenzene (CBZ)	0.645233	0.645233	0.648699	0.648699	5.193	5.193
			1,2,4-TMB (DCB)	4.174608	4.174608	4.235217	4.235217	4.031	4.031

LDC#: 61834F

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	S5F1003-CCV1	06/09/25	Chloroform (FBZ)	0.332025	0.35515	0.35515	7.0	7.0
			Chlorobenzene (CBZ)	0.648699	0.62142	0.62142	4.2	4.2
			1,2,4-TMB (DCB)	4.235217	3.64096	3.64096	14.0	14.0
2	S5F1005-CCV1	06/10/25	Chloroform (FBZ)	0.332025	0.32210	0.32210	3.0	3.0
			Chlorobenzene (CBZ)	0.648699	0.65629	0.65629	1.2	1.2
			1,2,4-TMB (DCB)	4.235217	4.34566	4.34566	2.6	2.6

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ug/L)	Surrogate Found (ug/L)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4	10.00	9.800	98.0	98.0	0
Toluene-d8	10.00	9.250	92.5	92.5	0
4-Bromofluorobenzene	10.00	9.480	94.8	94.8	0

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: __BF50628-BS1/BSD1____

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethane	10.00	10.00	12.4	11.7	124	124	117	117	5.64	5.81
Trichloroethene	10.00	10.00	10.8	10.4	108	108	104	104	3.39	3.77
Benzene	10.00	10.00	12.8	12.0	128	128	120	120	6.13	6.45
Toluene	10.00	10.00	11.4	10.8	114	114	108	108	4.78	5.41
Chlorobenzene	10.00	10.00	10.4	9.8	104	104	97.7	97.7	6.44	6.25

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Vp)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vp = Volume purged
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Ci (ug/L)	RRF	DF	Vp (mL)	Vo (g)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
1	Chloroform	138653	851112	10.0	0.332	1.00	25.00	25.00	na	4.906	4.91	0

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834F
SDG #: 25F0381/~~GCT45191~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT ~~/ Phoenix Environmenal Laboratories, Inc., Manchester, CT~~

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer: K

Method: Semivolatiles (EPA 8270D)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	SW/A	RSD ≤ 20% ICV ≤ 30%
IV	Continuing Calibration	SW	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Surrogate	SW	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	SW	LCS/D
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1I	25F0381-01		Water	06/05/2025	Category B
2	MW-6	25F0381-02		Water	06/05/2025	Category B
3	MW-5	25F0381-04		Water	06/05/2025	Category B

Notes:

BF50747-Blk		

Method: Semivolatiles (EPA SW 846 Method 8270)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?		✓		
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		

Method: Semivolatiles (EPA SW 846 Method 8270)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Initial Calibration

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

A five point calibration curve was performed.
A linear fit was used for evaluation and acceptance criteria for each analyte was met.
A curve fit was used for evaluation and the r2 acceptance criteria of ≥ 0.99 was met.
Initial calibration was performed was at the required frequency.

#	Date	Standard ID	Analyte	%RSD (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
BNA9	6/11/2025	SF50026	2,3,4,6-Tetrachlorophenol	21.39899		ALL (ND)	J/UJ/A
			2,4-Dinitrophenol	70.72802			
			4,6-Dinitro-2-methylphenol	38.63401			
			4-Nitrophenol	49.861			
			Benzoic acid	33.36017			
			Caprolactam	66.6606			

	DOD	NFG
RSD	15%	Method criteria

RRF: 0.05

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

Continuing calibration standards were analyzed at the required frequencies.

The retention times for all calibrated analytes were within their respective acceptance windows.

All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
BNA9	6/12/2025	S5F1301-CCV1	1,1-Biphenyl	22.5		1, 2 (ND)	J/UJ/A
			2,4-Dinitrophenol	133			
			2-Chlorophenol	29.7			
			2-Methylphenol	24.5			
			3,3-Dichlorobenzidine	20.7			
			4,6-Dinitro-2-methylphenol	137			
			Benzaldehyde	29			
			N-Nitrosodiphenylamine	20.4			
BNA4	6/12/2025	S5F1224-CCV1	1,1-Biphenyl	24.9		3 (ND)	
			2,4,5-Trichlorophenol	22.7			
			2,4-Dinitrophenol	139			
			2-Chlorophenol	23.8			
			2-Methylphenol	20.8			
			3- & 4-Methylphenols	162			
			4-Chloroaniline	20.5			
			Benzaldehyde	24.8			
			N-Nitrosodiphenylamine	22.5			

VALIDATION FINDINGS WORKSHEET
Surrogate Recovery

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

Surrogates were added to all samples as required by the method.

All surrogate recoveries (%R) were within QC limits with the exceptions identified below.

#	Sample ID	Surrogate Compound	%R	Limits	Qualifications (Code)
	1 (ND)	2FP	91.3	19.7-63.1	J det/P
		PHL	76.1	10.1-41.7	
	2, 3	ONLY ONE OUT			NQ

(NBZ) = Nitrobenzene-d5
(FBP) = 2-Fluorobiphenyl
(TPH) = Terphenyl-d14
(PHL) = Phenol-d5
(2FP)= 2-Fluorophenol
(TBP) = 2,4,6-Tribromophenol
(2MN) = 2-Methylnaphthalene-d10
(FLN) = Fluoranthene-d10
(MNP) = 1-Methylnaphthalene-d10
(2CP) = 2-Chlorophenol-d4
(DCB) = 1,2-Dichlorobenzene-d4

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 40 std)	Recalculated RRF (RRF 40 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	6/11/2025	Phenol (DCB)	1.574270	1.574270	1.607774	1.607774	12.03	12.03
			4-C-3-MP (NPT)	0.294415	0.294415	0.310790	0.310790	13.73	13.73
	BNA9		Diethylphthalate (ANT)	1.382774	1.382774	1.416793	1.416793	9.14	9.14
			Di-n-butyl phthalate (PHN)	1.221517	1.221517	1.174585	1.174585	10.07	10.07
	SF50026		3,3-DCB (CRY)	0.525548	0.525548	0.423180	0.423180	15.81	15.81

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,

Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated % D
1	S5F1301-CCV1	06/12/25	Phenol (DCB)	1.607774	1.553297	1.553297	3.4	3.4
			4-C-3-MP (NPT)	0.310790	0.310796	0.310796	0.0	0.0
	BNA9		Diethylphthalate (ANT)	1.416793	1.358580	1.358580	4.1	4.1
			Di-n-butyl phthalate (PHN)	1.174585	1.217669	1.217669	3.7	3.7
			3,3-DCB (CRY)	0.423180	0.455329	0.455329	7.6	7.6
2	S5F1318-CCV1	06/13/25	Phenol (DCB)	1.607774	1.696084	1.696084	5.5	5.5
			4-C-3-MP (NPT)	0.310790	0.306303	0.306303	1.4	1.4
	BNA9		Diethylphthalate (ANT)	1.416793	1.375776	1.375776	2.9	2.9
			Di-n-butyl phthalate (PHN)	1.174585	1.188111	1.188111	1.2	1.2
			3,3-DCB (CRY)	0.423180	0.457173	0.457173	8.0	8.0

LDC # 61834F

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ug/mL)	Surrogate Found (ug/mL)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	25.00	17.07	68.3	68.3	0
2-Fluorobiphenyl	25.00	15.09	60.4	60.4	0
Terphenyl-d14	25.00	19.01	76.0	76.0	0
Phenol-d5	50.00	38.07	76.1	76.1	0
2-Fluorophenol	50.00	45.64	91.3	91.3	0
2,4,6-Tribromophenol	50.00	36.12	72.2	72.2	0

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50747-BS1/BSD1

Compound	SA (ug/L)		SSC (on-col) (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	25.0	25.0	8.41	7.62	33.6	33.6	30.5	30.5	9.86	9.86
N-Nitroso-di-n-propylamine	25.0	25.0	27.20	24.90	109	109	99.6	99.6	8.92	8.83
4-Chloro-3-methylphenol	25.0	25.0	29.70	29.30	119	119	117	117	1.15	1.36
Acenaphthene										
Pentachlorophenol										
Pyrene										

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Conc= (Response-b)/m

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
Vi = Volume injected
%S = % Solids

Sample #	Compound	Ax	Ais	Ci (ug/mL)	RRF	DF	Ve (mL)	Vo (mL)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	Phenol	153118	301649	40.0	2.413	1.00	1.0	1000.00	na	8.41	8.41	0
BF50747												

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BF50747-BS1/BSD1	2,3,4,6-Tetrachlorophenol	133	-	30-130			ALL (ND)	J det/P
	2,4-Dinitrophenol	232	241	10-170				
	2,4-Dinitrotoluene	130	-	41-128				
	2,6-Dinitrotoluene	119	-	45-116				
	4,6-Dinitro-2-methylphenol	291	276	10-153				
	Isophorone	129	-	25-127				
	4-Nitrophenol	-	189	10-131				
	2-Methylphenol				27.6	20		
	4-Nitrophenol				131			
	Pyridine				32.5			

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834F
SDG #: 25F0381/~~GCT45191~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT~~/ Phoenix Environmenal Laboratories, Inc., Manchester, CT~~

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer: K

Method: Semivolatiles (EPA 8270D SIM)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/SW	RSD ≤ 20% r2 ICV ≤ 30%
IV	Continuing Calibration	SW	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Surrogate	SW/A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	SW	LCS
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1I -	25F0381-01		Water	06/05/2025	Category B
2	MW-6 -	25F0381-02		Water	06/05/2025	Category B
3	MW-5 -	25F0381-04		Water	06/05/2025	Category B

Notes:

BF50748-BLK2		

Method: Semivolatiles (EPA SW 846 Method 8270D-SIM)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?		✓		
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?				
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		

Method: Semivolatiles (EPA SW 846 Method 8270D-SIM)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Initial Calibration Verification

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D SIM)
A second source verification standard was analyzed after each ICAL for each instrument.
All analytes met the second source verification standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤30%)	Associated samples	Qualifications
BNA8	5/30/2025	S5E3110-SCV1	Benzo(g,h,i)perylene	35.8	ALL (ND)	J/UJ/A
			Hexachloroethane	342		
			Nitrobenzene	49.8		

	DOD	NFG
%D	20%	30%

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D SIM)

Continuing calibration standards were analyzed at the required frequencies.

The retention times for all calibrated analytes were within their respective acceptance windows.

All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
BNA8	6/12/2025	S5F1222-CCV1	Benzo(g,h,i)perylene	23.1		ALL (ND)	J/UJ/A
			Hexachloroethane	31.5		↓	↓
			N-Nitrosodimethylamine	22.5		↓	↓
			Pentachlorophenol	31.9		✓	✓

	DOD	NFG
%D	20%/50%	Method criteria

RRF: 0.05

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Surrogate Recovery

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D SIM)
Surrogates were added to all samples as required by the method.
All surrogate recoveries (%R) were within QC limits with the exceptions identified below.

#	Sample ID	Surrogate Compound	%R	Limits	Qualifications (Code)
	1 (ND)	2FP	91.3	19.7-63.1	J det/P
		PHL	76.1	10.1-41.7	
	2, 3	ONLY ONE OUT			NQ

(NBZ) = Nitrobenzene-d5
(FBP) = 2-Fluorobiphenyl
(TPH) = Terphenyl-d14
(PHL) = Phenol-d5
(2FP)= 2-Fluorophenol
(TBP) = 2,4,6-Tribromophenol
(2MN) = 2-Methylnaphthalene-d10
(FLN) = Fluoranthene-d10
(MNP) = 1-Methylnaphthalene-d10
(2CP) = 2-Chlorophenol-d4
(DCB) = 1,2-Dichlorobenzene-d4

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D SIM)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BF50748-BS2	Hexachloroethane	249		18-115			ALL (ND)	J det/P
	N-Nitrosodimethylamine	0		10-124			✓	J/R/P

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D-SIM)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$ — A_x = Area of Compound — A_{is} = Area of associated internal standard

average RRF = sum of the RRFs/number of standards — C_x = Concentration of compound, — C_{is} = Concentration of internal standard

%RSD = 100 * (S/X) — S= Standard deviation of the RRFs, — X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 5/4 std)	Recalculated RRF (RRF 5/4 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	5/30/2025	NDMA (DCB)	0.333702	0.333702	0.323236	0.323236	14.74	14.74
			Naphthalene (NPT)	0.781154	0.781154	0.810638	0.810638	10.32	10.32
	BNA8		Acenaphthene (ANT)	0.764470	0.764470	0.840881	0.840881	8.68	8.68
			Phenanthrene (PHN)	0.738924	0.738924	0.865477	0.865477	11.95	11.95
	SE50049		Pyrene (CRY	0.949741	0.759793	1.076291	1.076291	15.13	15.13
			Benzo(a)pyrene (PRY)	0.794632	0.794632	0.769252	0.769252	8.82	8.82

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS SVOA (EPA SW 846 Method 8270D-SIM)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,

Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated % D
1	S5F1222-CCV1	06/12/25	NDMA (DCB)	0.32324	0.25062	0.25062	22.5	22.5
	BNA8		Naphthalene (NPT)	0.81064	0.74743	0.74743	7.8	7.8
			Acenaphthene (ANT)	0.84088	0.76929	0.76929	8.5	8.5
			Phenanthrene (PHN)	0.86548	0.75652	0.75652	12.6	12.6
			Pyrene (CRY	1.07629	0.96843	0.96843	10.0	10.0
			Benzo(a)pyrene (PRY)	0.76925	0.77506	0.77506	0.8	0.8

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D-SIM)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50640-BS2

(on-col)

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol										
N-Nitroso-di-n-propylamine										
4-Chloro-3-methylphenol										
Acenaphthene	1.00	NA	0.695	NA	69.5	69.5				
Pentachlorophenol	1.00	NA	0.395	NA	39.5	39.5				
Pyrene	1.00	NA	0.690	NA	69.0	69.0				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GC/MS SVOC (EPA SW 846 Method 8270D-SIM)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Conc= (Response-b)/m

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
Vi = Volume injected
%S = % Solids

Sample #	Compound	Ax	Ais	Ci (ug/mL)	RRF	DF	Ve (mL)	Vo (mL)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	Pyrene	3112335	16764144	4.0	1.076	1.00	1.0	1000.00	na	0.690	0.690	0
BF50748												

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834F
SDG #: 25F0381/~~GCT45191~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT ~~/ Phoenix Environmenal Laboratories, Inc., Manchester, CT~~

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer:

Method: 1,4-Dioxane (EPA 8270E SIM)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	RSD ≤ 20% ICV ≤ 30%
IV	Continuing Calibration	A	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Surrogate	SW	
VIII	Matrix Spike/Matrix Spike Duplicate	A	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1I −	25F0381-01		Water	06/05/2025	Category B
2	MW-6 +	25F0381-02		Water	06/05/2025	Category B
3	MW-5 −	25F0381-04		Water	06/05/2025	Category B
4	MW-1IMS	25F0381-01MS	MS	Water	06/05/2025	Category B
5	MW-1IMSD	25F0381-01MSD	MSD	Water	06/05/2025	Category B

Notes:

BF50574-BLK4		

Method: 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			✓	
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?		✓		
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?		✓		
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			

Method: 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Surrogate Recovery

Reviewer: JVG

METHOD: GC/MS SVOC (EPA SW 846 Method 8270E)
Surrogates were added to all samples as required by the method.
All surrogate recoveries (%R) were within QC limits with the exceptions identified below.

#	Sample ID	Surrogate Compound	%R	Limits	Qualifications (Code)
	1 (ND)	1,4-Dioxane-d8	140	36.6-118	J det/P

(NBZ) = Nitrobenzene-d5
(FBP) = 2-Fluorobiphenyl
(TPH) = Terphenyl-d14
(PHL) = Phenol-d5
(2FP)= 2-Fluorophenol
(TBP) = 2,4,6-Tribromophenol
(2MN) = 2-Methylnaphthalene-d10
(FLN) = Fluoranthene-d10
(MNP) = 1-Methylnaphthalene-d10
(2CP) = 2-Chlorophenol-d4
(DCB) = 1,2-Dichlorobenzene-d4

LDC#: 61834F

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (0.5 std)	Recalculated RRF (0.5 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	4/9/2025	1,4-Dioxane (1,2-DCB-d4)	0.27276	0.27276	0.25438	0.25438	9.19	9.19
	BNA8	SD50013							

LDC#: 61834F

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	S5F0922-CCV2	6/9/2025	1,4-Dioxane (1,2-DCB-d4)	0.25438	0.30069	0.30069	18.2	18.2
2	S5F0922-CCV3	6/9/2025	1,4-Dioxane (1,2-DCB-d4)	0.25438	0.26974	0.26974	6.0	6.0

LDC# 61834F

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ppb)	Surrogate Found (ppb)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
1,4-dioxane-d8	0.25	0.35	140.0	140.0	0

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50534-BS

Compound	SA				LCS		LCSD		LCS/LCSD	
	(ug/L)		(ug/L)		Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,4-Dioxane	4.00	NA	4.08	NA	102.0	102.0				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC/MS 1,4-Dioxane (EPA SW 846 Method 8270E-SIM)

Analyte results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Vp)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vp = Volume purged
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Ci (ug/mL)	RRF	DF	Vp (uL)	Vo (mL)	IDA factor	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
2	1,4-Dioxane	1125	93293	0.50	0.254	1.00	2000.00	125.00	1.16	0.327	0.32	0

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834F
SDG #: 25F0381/~~GCT45191~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT / ~~Phoenix Environmenal Laboratories, Inc., Manchester, CT~~
Method: Organochlorine Pesticides (EPA 8081B)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JV
2nd Reviewer: AC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/ECD Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	FT VCV ≤ 20%
IV	Continuing Calibration	A	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Surrogate	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS LCS
IX	Laboratory Control Sample	A	
X	Field Duplicate	N	
XI	Target Analyte Quantitation	A	no results < RL
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1I	25F0381-01		Water	06/05/2025	Category B
2	MW-6	25F0381-02		Water	06/05/2025	Category B
3	MW-5	25F0381-04		Water	06/05/2025	Category B

Notes:

BF50430-BLK1		

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?	✓			
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?	✓			
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?	✓			
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?	✓			
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/31/2025	GC_5890_I	g-BHC	1	6299429	0.50	0.25
			2	11872913	1.00	1
			3	23205784	2.00	4
	SF50001	1C	4	70437367	5.00	25
			5	275700000	20.00	400
			6	651600000	50.00	2500
			7	1338300000	100.00	10000
			8	3640700000	200.00	40000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9992765	0.9989794
X Coefficient(s)	b =	9905546.1471	
Std Err of Coef.	a =	41187.8969	
Correlation Coefficient		0.999638	
Coefficient of Determination (r^2)	r^ 2	0.999277	

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/31/2025	GC_5890_I	g-BHC	1	9899073	0.50	0.25
			2	18820389	1.00	1
		2C	3	37990129	2.00	4
	SF50001		4	117000000	5.00	25
			5	457700000	20.00	400
			6	1048800000	50.00	2500
			7	2108200000	100.00	10000
			8	5596500000	200.00	40000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9991523	0.9987933
X Coefficient(s)	b =	16400021.6547	
Std Err of Coef.	a =	57410.9059	
Correlation Coefficient		0.999576	
Coefficient of Determination (r^2)	r^ 2	0.999152	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/31/2025	GC_5890_I	DDT	1	3748329	0.50	0.25
			2	7376956	1.00	1
		1C	3	14753616	2.00	4
	SF50001		4	42340359	5.00	25
			5	156000000	20.00	400
			6	339200000	50.00	2500
			7	749200000	100.00	10000
			8	2031000000	200.00	40000

Regression Output			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9994648	0.9992467
X Coefficient(s)	b =	5350540.2095	
Std Err of Coef.	a =	23895.9624	
Correlation Coefficient		0.999732	
Coefficient of Determination (r^2)	r^ 2	0.999465	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC Pesticides (EPA SW 846 Method 8081B)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
5/31/2025	GC_5890_I	DDT	1	6074349	0.50	0.25
			2	11457086	1.00	1
		2C	3	23208887	2.00	4
	SF50001		4	70457724	5.00	25
			5	266500000	20.00	400
			6	580900000	50.00	2500
			7	1267000000	100.00	10000
			8	3427700000	200.00	40000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9994286	0.9991951
X Coefficient(s)	b =	9147931.8078	
Std Err of Coef.	a =	39726.3281	
Correlation Coefficient		0.999714	
Coefficient of Determination (r^2)	r^ 2	0.999429	

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

Method: GC Pesticides (EPA SW 846 Method 8081B)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = 100 * (N - C)/N

Where: N = Initial Calibration Factor or Nominal Amount
C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	CCV Conc/CF	Reported Conc	Recalculated Conc	Reported % D	Recalculated %D
1	S5F0905-CCV1	6/6/2025	g-BHC (1C)	50.000	54.078	54.076	8.2	8.2
			4,4'-DDT (1C)	50.000	53.415	53.418	6.8	6.8
			g-BHC (2C)	50.000	54.620	54.622	9.2	9.2
			4,4'-DDT (2C)	50.000	55.736	55.738	11.5	11.5

LDC# 61834F

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP	200.000	95.451	47.7	47.7	0
Tetrachloro-m- xylene	RTX-CLP2	200.000	83.026	41.5	41.5	0
Decachlorobiphenyl	RTX-CLP	200.000	123.799	61.9	61.9	0
Decachlorobiphenyl	RTX-CLP2	200.000	113.626	56.8	56.8	0

LDC# 61834F

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50430-BS1

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	0.100	NA	0.069	NA	68.8	68.8				
4,4'-DDT	0.100	NA	0.093	NA	93.1	93.1				

LDC# 61834F

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured

DF = Dilution factor

CF = Calibration factor from continuing calibration curve

Vi = Initial volume or weight of sample extracted in milliliters (mL) or grams (g)

Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	r2 coeff a	r2 coeff b	r2 coeff c	Vf (ml)	Vi (mL)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	DDT	704800000	23896	5350540.2	0	1.00	1000.00	1.00	NA	93.053	0.0931	0.093	0.0
	1C												

Area ratio (Y) = a (X^2) + b X + c

	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2a	(-b -())/ 2a
ddt	7.0480E+08	23895.96235	5350540.21	0.0000	93.053	93.053	-704800000	9.6E+13	9797743	93.05344602	-316.9632484

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834F
SDG #: 25F0381~~/GCT45191~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT ~~/ Phoenix Environmenal Laboratories, Inc., Manchester, CT~~

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVC
2nd Reviewer: A

Method: PCBs (EPA 8082A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	Initial Calibration/ ICV	A/A	r² ICV ≤ 20%
III	Continuing Calibration	A	CCV ≤ 20%
IV	Laboratory Blanks	A	
V	Field Blanks	N	
VI	Surrogate	A	
VII	Matrix Spike/Matrix Spike Duplicate	N	CS
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	no results < RL
XI	Target Analyte Identification	A	
XII	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1I -	25F0381-01		Water	06/05/2025	Category B
2	MW-6 -	25F0381-02		Water	06/05/2025	Category B
3	MW-5 -	25F0381-04		Water	06/05/2025	Category B

Notes:

BF30429-BLK		

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?			✓	
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?			✓	
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?			✓	
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?			✓	
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?	✓			
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC PCB (EPA SW 846 Method 8082A)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
6/4/2025	GC ECD1	1260-1	0.0125	11688350	0.01	0.0002
			0.0250	20073022	0.03	0.0006
	SF50005	1C	0.0500	37064167	0.05	0.0025
			0.2000	128400000	0.20	0.0400
			0.5000	282100000	0.50	0.2500
			1.0000	500200000	1.00	1.0000
			2.0000	1106500000	2.00	4.0000
			3.0000	1567400000	3.00	9.0000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9990321	0.9983481
X Coefficient(s)	b =	555182907.4956	
Std Err of Coef.	a =	-9707273.6752	
Correlation Coefficient		0.999516	
Coefficient of Determination (r^2)	r^ 2	0.999032	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: GC PCB (EPA SW 846 Method 8082A)

Date	Instrument	Compound	Std	(Y) Response	(X) Conc.	(X^2) Conc.
6/4/2025	GC ECD1	1260-1	0.0125	106600000	0.01	0.0002
			0.0250	174600000	0.03	0.0006
	SF50005	2C	0.0500	333000000	0.05	0.0025
			0.2000	1157700000	0.20	0.0400
			0.5000	2483600000	0.50	0.2500
			1.0000	4251200000	1.00	1.0000
			2.0000	9281800000	2.00	4.0000
			3.0000	12800300000	3.00	9.0000

Regression Output

			Reported WLR
Constant	c =	0.0000	
R Squared	r2 =	0.9987537	0.9978357
X Coefficient(s)	b =	4870455097.1822	
Std Err of Coef.	a =	-191054431.6646	
Correlation Coefficient		0.999377	
Coefficient of Determination (r^2)	r^ 2	0.998754	

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Method: GC PCB (EPA SW 846 Method 8082A)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = 100 * (N - C)/N

Where:
N = Initial Calibration Factor or Nominal Amount
C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	CCV Conc	Reported Conc	Recalculated Conc	Reported % D	Recalculated %D
1	S5F0904-CCV1	6/6/2025	1260-1 1C	1.000	0.974	0.974	2.6	2.6
			1260-1 2C	1.000	0.907	0.907	9.3	9.3

LDC# 61834F

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP	0.200	0.106	53.0	53.0	0
Tetrachloro-m- xylene	RTX-CLP2	0.200	0.080	40.0	40.0	0
Decachlorobiphenyl	RTX-CLP	0.200	0.149	74.5	74.5	0
Decachlorobiphenyl	RTX-CLP2	0.200	0.115	57.5	57.5	0

LDC# 61834F

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50429-BS2

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	1.000	NA	0.736	NA	73.6	73.6				

LDC# 61834F

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Concentration = $\frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured

DF = Dilution factor

CF = Calibration factor from continuing calibration curve

Vi = Initial volume or weight of sample extracted in milliters (mL) or grams (g)

Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	r2 coeff a	r2 coeff b	r2 coeff c	Vf (ml)	Vi (L)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	1260-1	366200000	-9707274	555182907	0	1.00	1.00	1.00	NA	0.6674	0.667	0.668	0.0
BF50429	COL 1												
											Reported		
	1260-Total =	(0.668+0.832+0.843+0.664+0.674)						conc =	(0.7362)(1mL)		**final conc**		
			5						(1.0L)				
	=	0.7362						=	0.7362		0.736		

Area ratio (Y) = a (X^2) + b X + c

	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2a	(-b -())/ 2a
LCS	366200000	-9707273.7	555182907.5	0.0	0.66739	0.667	-366200000	2.94E+17	5.42E+08	0.667390351	56.5250744

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834F
SDG #: 25F0381/~~GCT45191~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix Environmenal Laboratories, Inc., Manchester, CT~~

Date: 11/5/2025
Page: 1 of 1
Reviewer: JR
2nd Reviewer: JR

Method: PFAS (EPA 1633)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	LC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	RSD≤20% ICV≤30%
IV	Continuing Calibration/ISC/Bile Salt	SW	CCV≤30% ISC≤30%
V	Laboratory Blanks	A	
VI	Field Blanks	ND	FB = 2
VII	Matrix spike/Matrix spike duplicates	N	LCS
VIII	Laboratory Control Sample/Low Level LCS	SW/SW	
IX	Field Duplicate	N	
X	Internal standard	SW	
XI	Target Analyte Quantitation	A	no results < RL
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1I	25F0381-01		Water	06/05/2025	Category B
2	FB-5	25F0381-05		Water	06/05/2025	Category B

Notes:

RF50519-BLK1		

VALIDATION FINDINGS CHECKLIST

METHOD: LC/MS PFAS (EPA Method 1633)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	✓			
III. Initial Calibration and Initial Calibration Verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) < 20%?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of > 0.990?	✓			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were the retention time windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) of the initial calibration verification < 30%?	✓			
IV. Continuing Calibration and Instrument Sensitivity Check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	✓			
Were all percent differences (%D) of the continuing calibration < 30%?	✓			
Were all the retention times within the acceptance windows	✓			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were all percent differences (%D) of the Instrument Sensitivity Check < 30%?		✓		
Were the RTs for the bile salt peaks outside the RT window of PFOS by at least one minute?	✓			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field Blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Matrix Spike/Matrix Spike Duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	

Validation Area	Yes	No	NA	Findings/Comments
X. Internal Standards				
Were extracted internal standard (EIS) percent recoveries (%R) within QC limits?		✓		
Were non-extracted internal standard (NIS) areas within 50-200% of the average area of the calibration standards?	✓			
Were NIS retention times within 0.4 minutes of the initial calibration midPoint?	✓			
XI. Target Analyte Quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?			✓	
Did reported results include both branched and linear isomers?	✓			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	✓			
Were analyte quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	✓			
XII. Target Analyte Identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	✓			
Were ion ratios between 50-150%?	✓			
Were manual integrations reviewed and found acceptable?	✓			
Did the laboratory provide before and after integration printouts?	✓			
XIII. Overall assesment of Data				
Overall assessment of data was found to be acceptable.	✓			

VALIDATION FINDINGS WORKSHEET
Continuing Calibration/Instrument Sensitivity Check

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

Date	Standard ID	Analyte	Finding %D (Limit: ≤30.0%)	Associated Sample	Qualifications
6/9/25	S5F0935-LCV1	Perfluorotetradecanoic acid (PFTA)	32.9	All (ND)	J/UJ/P
	(Low level/ISC)	Perfluoro-1-nonanesulfonic acid (PFNS)	39.4		
6/9/25	S5F0935-CCV3	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	59.3		
		Perfluorotridecanoic acid (PFTrDA)	31.6	✓	✓

LDC #: 61834F

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)
Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BF50519-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)	14		50-150			All (ND)	J/UJ/P
BF50519-BS2	N-EtFOSA	46.4		50-150				
(Low level)	Perfluoro-4-oxapentanoic acid (PFMPA)	11.2						

VALIDATION FINDINGS WORKSHEET

Extracted Internal Standards

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)
All labeled compounds standard %Rs were within QC limits with the exceptions identified below.

#	Sample ID	Labeled Compound	%R	%R Limits	Associated Analytes	Qualifications
	2 (ND)	MPFBA	3.01	5-130	PFBA	J/R/P

LDC#: 61834F

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

Method: PFAS (EPA 1633)

Date	Instrument	Compound	Standards	(Y) Response Ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
5/30/2025	QQQ	L-PFOA	0.200	0.0775	0.080	0.0064
			0.500	0.1672	0.20	0.0400
		M8PFOA	1.250	0.4074	0.50	0.2500
	SE50048		2.500	0.7994	1.00	1.0000
			5.000	1.9106	2.00	4.0000
			12.500	4.1004	5.00	25.0000
			25.000	8.4647	10.00	100.0000
			62.500	23.5559	25.00	625.0000

Regression Output

			Reported
Constant	c =	0.0609	0.0124
R Squared		0.9998542	0.9997542
X Coefficient(s)	a =	5.84893E-03	0.005070
	b =	7.955649E-01	0.812107
Correlation Coefficient		0.999927	
Coefficient of Determination (r^2)	r^ 2	0.999854	

LDC#: 61834F

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

Method: PFAS (EPA 1633)

Date	Instrument	Compound	Standards	(Y) Response Ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
5/30/2025	QQQ	L-PFOA	0.200	0.0775	0.080	0.0064
			0.500	0.1672	0.20	0.0400
		M8PFOA	1.250	0.4074	0.50	0.2500
	SE50048		2.500	0.7994	1.00	1.0000
			5.000	1.9106	2.00	4.0000
			12.500	4.1004	5.00	25.0000
			25.000	8.4647	10.00	100.0000
			62.500	23.5559	25.00	625.0000

Regression Output

			Reported
Constant	c =	0.0609	0.0124
R Squared		0.9998542	0.998835
X Coefficient(s)	a =	5.84893E-03	5.07000E-03
	b =	7.955649E-01	8.12107E-01
Correlation Coefficient		0.999927	
Coefficient of Determination (r^2)	r^ 2	0.999854	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: PFAS (EPA 1633)

Date	Instrument	Compound	Standards	(Y) Response Ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
5/30/2025	QQQ	L-PFOS	0.186	0.2235	0.074	0.0055
			0.464	0.5015	0.19	0.0344
		M8PFOS	1.160	1.2090	0.46	0.2153
	SE50048	(IS = 2.375 ng/mL)	2.320	2.4456	0.93	0.8612
			4.640	4.5186	1.86	3.4447
			11.600	11.4979	4.64	21.5296
			23.200	21.9609	9.28	86.1184
			58.000	57.8322	23.20	538.2400

Regression Output			Reported
Constant	c =	0.1843	0.0625
R Squared		0.9998849	0.999594
X Coefficient(s)	a =	5.90431E-03	3.57100E-03
	b =	2.353915E+00	2.29076E+00
Correlation Coefficient		0.999942	
Coefficient of Determination (r^2)	r^ 2	0.999885	

LDC#: 61834F

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

Method: PFAS (EPA 1633)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	S5F0935-CCV3 LCQQQ	6/9/2025	PFOA (M8PFOA)	2.5000	2.8836	2.8668	15.3	14.7
			PFOS (M8PFOA)	2.3200	2.3812	2.3965	2.6	3.3

LDC # 61834F

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50519-BS1

Compound	SA (ng/L)		SSC (ng/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
PFOA	40.0	NA	46.6	NA	117	117				
PFOS	37.2	NA	37.5	NA	101	101				

LDC # 61834F

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured

DF = Dilution factor

CF = Calibration factor from continuing calibration curve

Vi = Initial volume or weight of sample extracted in milliters (mL) or grams (g)

Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	Ais	r2 coeff a	r2 coeff b	r2 coeff c	Vf (uL)	Vi (mL)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ng/L)	Reported Concentration (ng/L)	% Diff
1	PFOA	30309	29140	0.005849	0.795565	0.060852	5000.00	479.30	1.00	NA	3.120	32.55	32.70	0.0

Area ratio (Y) = a (X^2) + b X + c

SAMPLE 1	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2	(-b -())/ 2a
pfoa	2.600291695	0.00585	0.79556	0.06085	3.1204109	3.120	-2.5394402	0.69233552	0.832067	3.120411	-139.13918

Site:	32-20 38th Avenue, Queens, NY
Laboratory:	York Analytical Laboratories, Inc., Stratford, CT/Phoenix Environmental Laboratories, Inc., Manchester, CT
SDG:	25F0381/GCT45191
Reviewer:	Jon Carmichael and Pei Geng/Laboratory Data Consultants for vEKtor Consultants – New York, NY
Date:	November 13, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID/SUB LAB ID	FRACTIONS VALIDATED
MW-1I	25F0381-01/CT45191	Metals, Wet Chemistry
MW-5	25F0381-04/CT45192	Metals, Wet Chemistry

Associated QC Samples(s):

Field/Trip Blanks: None Associated
Field Duplicate pair: None Associated

The above-listed water samples were collected on June 5, 2025 and were analyzed for metals and dissolved metals by SW-846 methods 6010D, 6020B, and 7470A, hexavalent chromium by SW-846 method 7196A, and trivalent chromium by calculation. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for ICP-MS Data Validation,* SOP No. HW-3b, ISM02.2, , Revision 1 (September 2016), the USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Internal Standards
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

Initial and Continuing Calibration

Metals

Initial and continuing calibrations were performed as required by the methods.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits with the following exceptions:

Date	Lab. Reference/ID	Analyte	%R (90-110)	Associated Samples	Validation Action
06/10/25	S5F1102-CCV8	Antimony Cadmium Thallium	113 111 116	MW-1I MW-5	None
06/11/25	S5F1137-CCV3	Dissolved antimony Dissolved cadmium	127 127	MW-1I MW-5	None

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

Wet Chemistry

All criteria were met.

ICP Interference Check Sample Analysis

Metals

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

Laboratory Duplicate Results

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

Serial Dilution

Metals

Serial dilution was not performed for this SDG.

LCS Results

Metals

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

LCS ID (Associated Samples)	Analyte	%R	Limits	Validation Action
BF50578-BS1 (MW-1I MW-5)	Dissolved calcium Dissolved sodium	145 121	80-120 80-120	J (all detects) J (all detects)
BF50579-BS1 (MW-1I MW-5)	Dissolved antimony Dissolved cadmium	156 171	80-120 80-120	None

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

Wet Chemistry

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Internal Standards

Metals

All criteria were met.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals and wet chemistry analyses.

Dilutions were not required for metals and wet chemistry analyses.

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

Metals

The results for the dissolved metals sample analyses were greater than the total metals sample analyses as follows:

Sample	Analyte	Concentration (mg/L)	
		Total	Dissolved
MW-1I	Calcium	89.2	93.9
	Magnesium	34.8	35.1
	Manganese	0.207	0.219
	Potassium	7.36	7.58
	Zinc	0.0278U	0.047
MW-5	Calcium	150	153
	Potassium	8.06	8.4
	Sodium	111	115
	Zinc	0.0278U	0.0279

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834F
SDG #: 25F0381/GCT45191
Laboratory: York Analytical Laboratories, Inc., Stratford, CT / Phoenix Environmental Laboratories, Inc., Manchester, CT
Method: Metals, Dissolved Metals (EPA 6010D); Metals, Dissolved Metals (EPA 6020B); Mercury, Dissolved Mercury (EPA 7470A)

Date: 11/5/2025
Page: 1/1
Reviewer: JC
2nd Reviewer: JC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	ICP/MS Tune	A	
III	Initial Calibration	A	
IV	ICV/Continuing Calibration	SW	
V	ICP Interference Check Sample Analysis	A	
VI	Laboratory Blanks	A	
VII	Field Blanks	N	
VIII	Matrix Spike/Matrix Spike Duplicate	N	
IX	Laboratory Duplicate	N	
X	Serial Dilution	N	
XI	Laboratory Control Sample	SW	LCS
XII	Field Duplicate	A	
XIII	Internal Standards (ICP-MS)	A	
XIV	Target Analyte Quantitation	WA	MDL < No Sample < RL
XV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID / Sub Lab ID	QC Type	Matrix	Date	Stage
1	MW-1I No Dilution	25F0381-01/ CT45191*		Water	06/05/2025	Category B
2	MW-5 ↓	25F0381-04/ CT45192*		Water	06/05/2025	Category B

*From SDG: GCT45191/ Sub Lab ID CT45191
*From SDG: GCT45191/ Sub Lab ID CT45192

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-1I

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0381

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0381-01 File ID: QBI061125A_WATER-023

Sampled: 06/05/25 10:40 Prepared: 06/09/25 13:58 Analyzed: 06/11/25 10:19

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50577 Sequence: S5F1117 Calibration: 06/11/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	0.419	1		EPA 6010D
7429-90-5	Aluminum (dissolved)	0.0556	1	U	EPA 6010D
7440-39-3	Barium	0.124	1		EPA 6010D
7440-39-3	Barium (dissolved)	0.118	1		EPA 6010D
7440-70-2	Calcium	89.2	1		EPA 6010D
7440-70-2	Calcium (dissolved)	93.9	1		EPA 6010D
7440-47-3	Chromium	0.00800	1		EPA 6010D
7440-47-3	Chromium (dissolved)	0.00722	1		EPA 6010D
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D
7440-48-4	Cobalt (dissolved)	0.00444	1	U	EPA 6010D
7440-50-8	Copper	0.0222	1	U	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-89-6	Iron	0.962	1		EPA 6010D
7439-89-6	Iron (dissolved)	0.452	1		EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	34.8	1		EPA 6010D
7439-95-4	Magnesium (dissolved)	35.1	1		EPA 6010D
7439-96-5	Manganese	0.207	1		EPA 6010D
7439-96-5	Manganese (dissolved)	0.219	1		EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-09-7	Potassium	7.36	1		EPA 6010D
7440-09-7	Potassium (dissolved)	7.58	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-1I

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0381

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0381-01 File ID: QBI061025A_DISS_WATER-170

Sampled: 06/05/25 10:40 Prepared: 06/09/25 14:06 Analyzed: 06/10/25 15:01

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50578 Sequence: S5F1024 Calibration: 06/10/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D
7440-23-5	Sodium	187	1		EPA 6010D
7440-23-5	Sodium (dissolved)	186	1		EPA 6010D
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D
7440-62-2	Vanadium (dissolved)	0.0111	1	U	EPA 6010D
7440-66-6	Zinc	0.0278	1	U	EPA 6010D
7440-66-6	Zinc (dissolved)	0.0470	1		EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0381

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0381-04 File ID: QBI061125A_WATER-026

Sampled: 06/05/25 12:30 Prepared: 06/09/25 13:58 Analyzed: 06/11/25 10:25

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50577 Sequence: S5F1117 Calibration: 06/11/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	0.712	1		EPA 6010D
7429-90-5	Aluminum (dissolved)	0.0556	1	U	EPA 6010D
7440-39-3	Barium	0.149	1		EPA 6010D
7440-39-3	Barium (dissolved)	0.130	1		EPA 6010D
7440-70-2	Calcium	150	1		EPA 6010D
7440-70-2	Calcium (dissolved)	153	1		EPA 6010D
7440-47-3	Chromium	0.00556	1	U	EPA 6010D
7440-47-3	Chromium (dissolved)	0.00556	1	U	EPA 6010D
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D
7440-48-4	Cobalt (dissolved)	0.00444	1	U	EPA 6010D
7440-50-8	Copper	0.0222	1	U	EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-89-6	Iron	1.72	1		EPA 6010D
7439-89-6	Iron (dissolved)	0.387	1		EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	62.0	1		EPA 6010D
7439-95-4	Magnesium (dissolved)	58.3	1		EPA 6010D
7439-96-5	Manganese	0.167	1		EPA 6010D
7439-96-5	Manganese (dissolved)	0.109	1		EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-09-7	Potassium	8.06	1		EPA 6010D
7440-09-7	Potassium (dissolved)	8.40	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0381

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0381-04 File ID: QBI061025A_DISS_WATER-171

Sampled: 06/05/25 12:30 Prepared: 06/09/25 14:06 Analyzed: 06/10/25 15:02

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50578 Sequence: S5F1024 Calibration: 06/10/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-22-4	Silver (dissolved)	0.00556	1	U	EPA 6010D
7440-23-5	Sodium	111	1		EPA 6010D
7440-23-5	Sodium (dissolved)	115	1		EPA 6010D
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D
7440-62-2	Vanadium (dissolved)	0.0111	1	U	EPA 6010D
7440-66-6	Zinc	0.0278	1	U	EPA 6010D
7440-66-6	Zinc (dissolved)	0.0279	1		EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-1I

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0381

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0381-01 File ID: QBIMX061025A-087

Sampled: 06/05/25 10:40 Prepared: 06/09/25 11:36 Analyzed: 06/10/25 16:38

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 22.5 mL / 50 mL

Batch: BF50571 Sequence: S5F1102 Calibration: 06/10/25 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	2.22	1	U	EPA 6020B
7440-36-0	Antimony (dissolved)	5.56	1	U	EPA 6020B
7440-38-2	Arsenic	2.22	1	U	EPA 6020B
7440-38-2	Arsenic (dissolved)	5.56	1	U	EPA 6020B
7440-41-7	Beryllium	0.667	1	U	EPA 6020B
7440-41-7	Beryllium (dissolved)	1.67	1	U	EPA 6020B
7440-43-9	Cadmium	1.11	1	U	EPA 6020B
7440-43-9	Cadmium (dissolved)	2.78	1	U	EPA 6020B
7782-49-2	Selenium	3.46	1		EPA 6020B
7782-49-2	Selenium (dissolved)	5.56	1	U	EPA 6020B
7440-28-0	Thallium (dissolved)	5.56	1	U	EPA 6020B
7440-28-0	Thallium	2.22	1	U	EPA 6020B

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0381

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0381-04 File ID: QBIMX061025A-088

Sampled: 06/05/25 12:30 Prepared: 06/09/25 11:36 Analyzed: 06/10/25 16:41

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 22.5 mL / 50 mL

Batch: BF50571 Sequence: S5F1102 Calibration: 06/10/25 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	2.22	1	U	EPA 6020B
7440-36-0	Antimony (dissolved)	10.0	1	U	EPA 6020B
7440-38-2	Arsenic	2.90	1		EPA 6020B
7440-38-2	Arsenic (dissolved)	10.0	1	U	EPA 6020B
7440-41-7	Beryllium	0.667	1	U	EPA 6020B
7440-41-7	Beryllium (dissolved)	3.00	1	U	EPA 6020B
7440-43-9	Cadmium	1.11	1	U	EPA 6020B
7440-43-9	Cadmium (dissolved)	5.00	1	U	EPA 6020B
7782-49-2	Selenium	15.9	1		EPA 6020B
7782-49-2	Selenium (dissolved)	13.1	1		EPA 6020B
7440-28-0	Thallium (dissolved)	10.0	1	U	EPA 6020B
7440-28-0	Thallium	2.22	1	U	EPA 6020B

1

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-1I

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT45191

Lab Sample Id: CT45191 Sample Matrix: Dissolved

Date Received: 6/6/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	06/12/25 13:41	AV

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-5

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT45191

Lab Sample Id: CT45192 Sample Matrix: Dissolved

Date Received: 6/6/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	06/12/25 13:43	AV

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-1I

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT45191

Lab Sample Id: CT45191 Sample Matrix: GROUND WATER

Date Received: 6/6/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	06/10/25 06:24	AV

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-5

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT45191

Lab Sample Id: CT45192 Sample Matrix: GROUND WATER

Date Received: 6/6/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	06/10/25 06:27	AV

FORM I - IN

LDC #: 61834F

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1-2	Water	6010D	Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
↓	↓	↓	Dissolved: Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
1-2	Water	6020B	Sb, As, Be, Cd, Se, Tl
↓	↓	↓	Dissolved: Sb, As, Be, Cd, Se, Tl
1-2	Water	7470A	Hg
↓	↓		Dissolved: Hg

Comments:

LDC #: 61834F	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Findings/Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.	YES			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?	YES			
Were %RSDs of isoptoes in the tuning solution ≤5%?	YES			
III./IV. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?		NO		
Were the low level standard checks within 70-130%?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
V. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			
VI. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		NO		
VII. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VIII./IX. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			NA	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			NA	
X. Serial Dilution				
Were all percent differences <10%?			NA	
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			NA	

LDC #: 61834F	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Findings/Comments**
XI. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?		NO		
XII. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
XIII. Internal Standards				
Were all percent recoveries within the 30-120% (60-120% for EPA Method 200.8) QC limits?	YES			
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIV. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?			NA	
XV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS WORKSHEETS

Calibration

LDC #: 61834F

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

All initial calibration verifications (ICVs) and continuing calibration verifications (CCVs) were performed at the required frequency and were within the acceptance limits with the following exceptions:

Date	Time	Calibration ID (ICV/CCV)	Analyte	%R	%R Limits	Associated Samples	Qualification	Det/ND
6/10/2025	17:13	S5F1102-CCV8	Sb	113	90-110	All Samples	Jdet/A	ND
			Cd	111	↓	↓	↓	↓
			Tl	116	↓	↓	↓	↓
6/11/2025	14:33	S5F1137-CCV3	Diss Sb	127	↓	↓	↓	ND
			Diss Cd	127	↓	↓	↓	↓

Comments:

VALIDATION FINDINGS WORKSHEETS

Laboratory Control Sample

Reviewer: JC

LDC #: 61834F

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/700

A LCS was analyzed for each matrix at the required frequencies. All LCS percent recoveries (%R) were within the acceptable limits with the following exceptions:

LCS ID	Matrix	Analyte	LCS %R	%R Limit	Associated Samples	Qualification	Det/ND
BF50578-BS1	Water	Diss Ca	145	80-120	All Samples	Jdet/A	Det
	↓	Diss Na	121	↓	↓	↓	Det
BF50579-BS1	↓	Diss Sb	156	↓	↓	Jdet/A	ND
		Diss Cd	171	↓	↓	↓	ND

VALIDATION FINDINGS WORKSHEETS

Target Analyte Quantitation

Reviewer: JC

LDC #: 61834F

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Sample ID	Analyte	Total Result	Dissolved Result	Qualification	Det/ND
1	Ca	89.2	93.9	Text	Det
	Mg	34.8	35.1	↓	↓
	Mn	0.207	0.219	↓	↓
	K	7.36	7.58	↓	↓
	Zn	0.0278 U	0.047	↓	ND/Det
2	Ca	150	153	↓	Det
	K	8.06	8.4	↓	↓
	Na	111	115	↓	↓
	Zn	0.0278 U	0.0279	↓	ND/Det

Comments: The results for the dissolved metals analysis were greater than the total metals analysis

VALIDATION FINDINGS CHECKLIST

Calibration Calculation Verification

Reviewer: JC

LDC #: 61834F

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis

True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP (ug/mg)	Diss Al	10.2	10	102	102	Y
CCV	ICP (ug/mg)	Fe	4.86	5	97.2	97.2	Y
LLCC	ICP (ug/mg)	Diss Ni	0.0107	0.01	107	107	Y
ICSAB	ICP (ug/mg)	Ag	1.07	1	107	107	Y
ICV	ICP-MS	As	50.5	50	101	101	Y
CCV	ICP-MS	Cd	55.6	50	111	111	Y
LLCC	ICP-MS	Diss Se	1.63	1	163	163	Y
ICSAB	ICP-MS	Be	21.83	20	109	109	Y
ICV	CVAA	Hg	0.0039	0.004	97.5	97.9	Y
CCV	CVAA	Diss Hg	0.0039	0.004	97.5	97	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
6/10/2025	Mass Axis	9	9	± 0.1 amu
6/11/2025	%RSD	114.9	0.0	≤ 5%

VALIDATION FINDINGS WORKSHEET

Quality Control Sample Recalculations

LDC #: 61834F

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)

True = concentration of each analyte in the source

The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = (Absolute value(S-D)x 200) / (S+D)

S = Original sample concentration

D = Duplicate sample concentration

The serial dilution percent difference (%D) was recalculated using the following formula.

%D = (Absolute value (I - SDR)) x 100 / (I)

I = Initial sample result

SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
788006	LCS	Diss Hg	0.0024	0.0025	96	96	Y
NA	MS				NA		NA
NA	Duplicate				NA		NA
NA	PDS				NA		NA
NA	Serial dilution				NA		NA

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: JC

LDC #: 61834F

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Initial volume)

Sample ID	Analyte	Raw Data (ug/L, mg/L)	Dilution	Initial Weight/ Volume (mL)	Final Volume (mL)	Reported Result (ug/L, mg/L)	Recalculated Result (ug/L, mg/L)	Acceptable (Y/N)
1	Diss Ba	0.1064	1	45	50	0.118	0.118	Y
2	As (ug/L)	1.306367	1	22.5	50	2.9	2.9030	Y

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834F
SDG #: 25F0381

Date: 11/5/2025
Page: 1/1

Laboratory: York Analytial Laboratories, Inc., Stratford, CT

Reviewer: JC
2nd Reviewer:

Method: Hexavalent Chromium (EPA 7196A); Trivalent Chromium (Calculation)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	Laboratory Blanks	A	
V	Field Blanks	N	
VI	Matrix Spike/Matrix Spike Duplicate	N	
VII	Laboratory Duplicate	N	
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	MDL < no samples < RL
XI	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-1I No Dilutions	25F0381-01		Water	06/05/2025	Category B
2	MW-5 ↓	25F0381-04		Water	06/05/2025	Category B

Notes:

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

MW-1I

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0381

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0381-01 File ID: HexChrome_SPECA_Ver1_BF50

Sampled: 06/05/25 10:40 Prepared: 06/05/25 19:36 Analyzed: 06/05/25 20:48

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BF50403 Sequence: Calibration: 06/05/25 2 Instrument: SPEC A

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.0100	1	U	EPA 7196A

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0381

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0381-04 File ID: HexChrome_SPECA_Ver1_BF50

Sampled: 06/05/25 12:30 Prepared: 06/05/25 19:36 Analyzed: 06/05/25 20:48

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BF50403 Sequence: Calibration: 06/05/25 2 Instrument: SPEC A

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.0100	1	U	EPA 7196A

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

MW-1I

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0381

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0381-01 File ID:

Sampled: 06/05/25 10:40 Prepared: 06/11/25 15:20 Analyzed: 06/11/25 16:34

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BF50781 Sequence: Calibration: 06/11/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	0.0100	1	U	Calculation

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0381

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Matrix: Ground Water Laboratory ID: 25F0381-04 File ID:

Sampled: 06/05/25 12:30 Prepared: 06/11/25 15:20 Analyzed: 06/11/25 16:34

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BF50781 Sequence: Calibration: 06/11/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	0.0100	1	U	Calculation

LDC #: 61834F

All elements are applicable to each sample as noted below.

Sample ID	Target Analyte List
1-2	Hexavalent Chromium, Trivalent Chromium

LDC #: 61834F	METHOD: Inorganics			
Validation Area	**Yes**	**No**	**NA**	**Findings/ Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
II./III. Calibration				
Were all instruments calibrated at the required frequency?	YES			
Were the proper number of standards used?	YES			
Were all initial and continuing calibration verifications within the QC limits?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
Were balance checks performed as required?	YES			
IV. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		~~NO~~	NA	Not Required by method
V. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VI./VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			NA	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			NA	
VIII. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			

LDC #: 61834F	METHOD: Inorganics			
Validation Area	**Yes**	**No**	**NA**	**Findings/ Comments**
IX. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?			NA	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to	YES			

VALIDATION FINDINGS CHECKLIST

Initial and Continuing Calibration Calculation Verification

Reviewer: JC

METHOD: Inorganics

The correlation

Calibration date: 12/30/2024

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of Analysis	Analyte	Standard	Concentration (mg/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial Calibration	Hexavalent Chromium	s1	0.01	0.009	0.999776384	0.999552818	Y
		s2	0.05	0.043			
		s3	0.1	0.086			
		s4	0.25	0.207			
		s5	0.5	0.415			
		s6	0.75	0.642			
		s7					
		s8					
		s9					
		s10					
		s11					
		s12					

Type of Analysis	Analyte	Found (mg/L)	True (mg/L)		Recalculated %R	Reported %R	Acceptable (Y/N)
Calibration verification	Hexavalent Chromium	0.496013259	0.5		99	99	Y
Calibration verification	Hexavalent Chromium	0.46540676	0.5		93.081352	93.0813516	Y
Calibration verification							---

VALIDATION FINDINGS CHECKLIST

Quality Control Sample Recalculations

Reviewer: JC

LDC #: 61834F

METHOD: Inorganics

Percent recoveries (%R) for the laboratory control sample (LCS) and matrix spike (MS) were recalcuated using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)

True = concentration of each analyte in the source

The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = (Absolute value(S-D)x 200) / (S+D)

S = Original sample concentration

D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	Found/S	True/D	Recalculated %R/RPD	Reported %R/RPD	Acceptable (Y/N)
BF50403-BS1	LCS	Hexavalent Chromium	0.467	0.5	93.4	93.4	Y
NA	MS						
NA	Duplicate						

VALIDATION FINDINGS CHECKLIST

Sample Calculation Verification

Reviewer: JC

LDC #: 61834F

METHOD: Inorganics

Analytes were recalculated and verified using the following equation:

Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids (if applicable) x Initial weight or volume)

Sample ID	Analyte	Raw Data (mg/L)	Dilution	Initial Volume (mL)	Final Volume (mL)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
1	Hexavalent Chromium	0.001600546	1	100	100	0.0100 U	0.001600546	Y

Matrix: Aqueous / Solid

Cr(III) = Total Chromium - Cr(VI)

Sample ID	Analyte	Total Chromium (mg/L)	Cr6+ (mg/L)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
2	Trivalent Chromium	0.00556 U	0.0100 U	0.0100 U	0.0100 U	Y

Site:	32-20 38th Avenue, Queens, NY
Laboratory:	York Analytical Laboratories, Inc., Stratford, CT
SDG:	25F0562/GCT47253
Reviewer:	Josephine Go and Pei Geng/Laboratory Data Consultants for vEKtor Consultants – New York, NY
Date:	November 17, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
Trip Blank	25F0562-03	VOC
MW-6	25F0562-01	PFAS
FB	25F0562-02	PFAS

Associated QC Samples(s):

Field/Trip Blanks: FB and TRIP BLANK
Field Duplicate pair: None Associated

The above-listed water samples were collected on June 4 and June 6, 2025 and were analyzed for volatile organic compounds (VOC) by SW-846 method 8260D and perfluoroalkyl and polyfluoroalkyl substances (PFAS) by method 1633. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014) and the Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023), and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Liquid Chromatography/Mass Spectrometry (LC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

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

The PFAS nondetect results for perfluoro-4-oxapentanoic acid (PFMPA) in samples MW-6 and FB were rejected (R) due to severely low LCS/LLLCS percent recoveries. The results are not usable for project objectives, which may have a major impact on the data usability.

The PFAS nondetect results for PFBA in samples MW-6 and FB were rejected (R) due to severely low EIS percent recoveries. The results are not usable for project objectives, which may have a major impact on the data usability.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Sample Preservation and Holding Times

All criteria were met.

GC/MS Tunes

VOC

All criteria were met.

LC/MS Instrument Performance Check

PFAS

All criteria were met.

Initial and Continuing Calibrations

VOC

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
05/03/25	S5E3001-SCV1	1,3,5-Trimethylbenzene	38.5	Trip Blank	UJ (all non-detects)
		Acrolein	35.9		UJ (all non-detects)
		p-Ethyltoluene	38.5		UJ (all non-detects)
		tert-Butyl alcohol	33.5		UJ (all non-detects)

Continuing calibration:

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

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
06/13/25	S5F1323-CCV1	2-Butanone	81.2	Trip Blank	UJ (all non-detects)
		2-Hexanone	45.5		UJ (all non-detects)
		4-Methyl-2-pentanone	27.0		UJ (all non-detects)
		Acetone	124.0		UJ (all non-detects)
		Acrolein	56.3		UJ (all non-detects)
		Acrylonitrile	30.4		UJ (all non-detects)
		Bromomethane	53		UJ (all non-detects)
		Dichlorodifluoromethane	36.4		UJ (all non-detects)
		Methyl acetate	40.0		UJ (all non-detects)
		tert-Butyl alcohol	157		UJ (all non-detects)

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

PFAS

Initial calibration:

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
06/13/25	S5F1329-CCV1	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	79.9	MW-6	UJ (all non-detects)
		2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	391	FB	UJ (all non-detects)

The percent differences (%D) of the instrument sensitivity check (ISC) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
06/13/25	S5F1329-LCV1	Perfluoro-1-decanesulfonic acid (PFDS)	36.4	MW-6	UJ (all non-detects)
		4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	525	FB	UJ (all non-detects)
		2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	35		UJ (all non-detects)
		2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	706		UJ (all non-detects)
		N-MeFOSA	46.7		UJ (all non-detects)
		N-EtFOSA	81.8		UJ (all non-detects)

Blanks

VOC

Contamination was detected in the associated VOC method blank samples. The presence of blank contamination indicates that false positives may exist for these analytes in the associated samples. Action Levels (ALs) were established at <2x RL (for common contaminants) and <RL (for other contaminants) of the concentrations detected. The following table summarizes the contamination detected.

Blank ID	Analyte	Level Detected	Action Level	Associated Samples
BF50966-BLK1	Acetone	2.14 ug/L	2x RL	Trip Blank

Sample results were qualified as follows:

- If sample concentration was < the reporting limit (RL) and ≤ the Action Level, qualify the result as a nondetect (U) at the RL.
- If sample concentration was > the RL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
- If the sample concentration was > the RL and > the Action Level, qualification of the data was not required.

No samples were qualified since the associated sample results were nondetect or greater than the action level.

No positive results were found in the trip blank sample TRIP BLANK for VOC analysis.

PFAS

Contamination was not detected in the method blanks.

Contamination was detected in the field blank sample FB for PFAS analysis. The presence of blank contamination indicates that false positives may exist for these analytes in the associated samples. Action Levels (ALs) were established at the reporting limit (RL) for contaminants. The following table summarizes the contamination detected.

Field Blank ID	Analyte	Level Detected	Action Level	Associated Samples
FB	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	4.74 ng/L	RL	MW-6

Sample results were qualified as follows:

- If sample concentration was < the reporting limit (RL) and ≤ the Action Level, qualify the result as a nondetect (U) at the RL.
- If sample concentration was > the RL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
-

Qualified sample results are listed in the table below.

Sample ID	Analyte	Level Detected	Validation Action
MW-6	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	4.88 ng/L	5.28U ng/L

These results can be used for project objectives as nondetects (U) which may have a minor impact on the data usability.

Surrogate Recoveries

VOC

Surrogates were added to all samples as required by the methods. All surrogate recoveries (%R) were within QC limits.

MS/MSD Results

VOC and PFAS

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

LCS Results

VOC

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BF50966-BS1 (Trip Blank)	Cyclohexane	53 (63-149)	UJ (all non-detects)

Relative percent differences (RPD) were within QC limits.

PFAS

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

LCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BF50771-BS1 (MW-6 FB)	11CL-PF3OUdS	168 (50-150)	None
	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	202 (50-150)	
	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	152 (50-150)	
	9CL-PF3ONS	204 (50-150)	
	ADONA	201 (50-150)	
	Perfluoro-5-oxahexanoic acid (PFMBA)	232 (50-150)	
BF50771-BS1 (MW-6 FB)	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	36.9 (50-150)	J (all detects) UJ (all non-detects)
	Perfluoro-n-butanoic acid (PFBA)	25.4 (50-150)	J (all detects) UJ (all non-detects)
BF50771-BS1 (MW-6 FB)	Perfluoro-4-oxapentanoic acid (PFMPA)	5.42 (50-150)	R (all non-detects)

LLLCS ID (Associated Samples)	Analyte	%R (Limits)	Validation Action
BF50771-BS2 (MW-6 FB)	11CL-PF3OUdS	194 (50-150)	None
	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	220 (50-150)	
	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	156 (50-150)	
	9CL-PF3ONS	230 (50-150)	
	ADONA	213 (50-150)	
	Perfluoro-5-oxahexanoic acid (PFMBA)	247 (50-150)	
BF50771-BS2 (MW-6 FB)	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	39.2 (50-150)	UJ (all non-detects)
	Perfluoro-n-butanoic acid (PFBA)	37.0 (50-150)	UJ (all non-detects)
BF50771-BS2 (MW-6 FB)	Perfluoro-4-oxapentanoic acid (PFMPA)	4.51 (50-150)	R (all non-detects)

Field Duplicate Results

No field duplicates were identified in this SDG.

Internal Standards

VOC

All internal standard areas and retention times were within QC limits.

PFAS

All extracted internal standard percent recoveries (%R) were within QC limits with the following exceptions:

Sample	Internal Standard	%R (Limits)	Affected Analyte	Validation Action
MW-6	MPFBA	0.993 (5-130)	PFBA	R (all non-detects)
MW-6	M5PFPeA	22.8 (40-130)	PFPeA PFMPA PFMBA 3:3FTCA	J (all detects) UJ (all non-detects)
FB	MPFBA	0.793 (5-130)	PFBA	R (all non-detects)
FB	M5PFPeA	12.2 (40-130)	PFPeA PFMPA PFMBA 3:3FTCA	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)

No data were qualified due to high %R when the associated result was non-detected.

All non-extracted internal standard areas and retention times were within QC limits.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the PFAS analysis. These results were qualified as estimated (J) by the laboratory.

No results were reported below the RL and above the MDL in the VOC analysis.

Dilutions were not required for VOC and PFAS analyses.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834G
SDG #: 25F0562/GCT47253
Laboratory: York Analytial Laboratories, Inc., Stratford, CT / Phoenix Environmenal Laboratories, Inc., Manchester, CT
Method: Volatiles (EPA 8260D)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer: A

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/SW	RSD ≤ 20% r² ICV ≤ 30%
IV	Continuing Calibration	SW	CCV ≤ 20%
V	Laboratory Blanks	SW	
VI	Field Blanks	ND	TB = 1
VII	Surrogate	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	SW	LCS/D
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	no results < RL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	Trip Blank	25F0562-03	TB	Water	06/06/2025	Category B

Notes:

BF50966-BLK1		

Method: Volatiles (EPA SW 846 Method 8260D)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?		✓		
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.	✓			
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		

Method: Volatiles (EPA SW 846 Method 8260D)

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
Initial Calibration Verification

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)
A second source verification standard was analyzed after each ICAL for each instrument.
All analytes met the second source verification standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤30.0%)	Associated samples	Qualifications
VOA9	5/3/2025	S5E3001-SCV1	1,3,5-Trimethylbenzene	38.5	ALL (ND)	J/UJ/A
			Acrolein	35.9	✓	✓
			p-Ethyltoluene	38.5	✓	✓
			tert-Butyl alcohol	33.5	✓	✓

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
VOA9	6/13/2025	S5F1323-CCV1	2-Butanone	81.2		ALL (ND)	J/UJ/A
			2-Hexanone	45.5			
			4-Methyl-2-pentanone	27.0			
			Acetone	124.0			
			Acrolein	56.3			
			Acrylonitrile	30.4			
			Bromomethane	53			
			Dichlorodifluoromethane	36.4			
			Methyl acetate	40.0			
			tert-Butyl alcohol	157			

	DOD	NFG				
%D	20%/50%	20%	RRF:	0.001 - poor performers	0.005 - 1,4-Dioxane	0.05 - all other analytes

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
Blanks

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)
Method blanks were performed at the required frequency and sequence.
No contaminants were found in the method blanks with the exceptions identified below.
Blank analysis date: 06/13/25 **Associated samples:** ALL (ND)
Conc. units: ug/L

Compound	Blank ID	Sample Identification						
	BF50966-BLK1							
Acetone	2.14							

Blank analysis date: _____ **Associated samples:** _____
Conc. units: ug/L

Compound	Blank ID		Sample Identification					

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: GC/MS VOC (EPA SW 846 Method 8260D)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.

Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BF50966-BS1	Cyclohexane	53		63-149			ALL (ND)	J/UJ/P

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 50 std)	Recalculated RRF (RRF 50 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL QVOA9 SE50045	5/28/2025	Benzene (FBZ)	0.728955	0.728955	0.722332	0.722332	7.180	7.180
			Chlorobenzene (CBZ)	0.645233	0.645233	0.648699	0.648699	5.193	5.193
			1,2,4-TMB (DCB)	4.174608	4.174608	4.235217	4.235217	4.031	4.031

LDC#: 61834G

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	S5F1323-CCV1	06/13/25	Benzene (FBZ)	0.722332	0.77772	0.77772	7.7	7.7
			Chlorobenzene (CBZ)	0.648699	0.68428	0.68428	5.5	5.5
			1,2,4-TMB (DCB)	4.235217	4.17770	4.17770	1.4	1.4

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ug/L)	Surrogate Found (ug/L)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4	10.00	10.750	108	108	0
Toluene-d8	10.00	10.280	103	103	0
4-Bromofluorobenzene	10.00	8.370	84	84	0

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: __BF50966-BSA/BSD1____

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethane	10.00	10.00	10.1	10.0	101	101	100	100	0.698	0.995
Trichloroethene	10.00	10.00	10.0	9.7	100	100	97.4	97.4	0.00	2.63
Benzene	10.00	10.00	10.9	10.6	109	109	106	106	2.04	2.79
Toluene	10.00	10.00	10.9	10.6	109	109	106	106	2.70	2.79
Chlorobenzene	10.00	10.00	10.2	10.5	102	102	105	105	2.20	2.90

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Vp)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vp = Volume purged
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Ci (ug/L)	RRF	DF	Vp (mL)	Vo (g)	% Solids	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
LCS	Toluene	1016237	821927	10.0	1.137	1.00	5.00	5.00	na	10.875	10.90	0

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834G
SDG #: 25F0562/~~GCT47253~~
Laboratory: York Analytial Laboratories, Inc., Stratford, CT /~~Phoenix Environmenal Laboratories, Inc., Manchester, CT~~
Method: PFAS (EPA 1633)

Date: 11/5/2025
Page: 1 of 1
Reviewer: JVL
2nd Reviewer: AT

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	LC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	~~RSD≤20%~~ r^2 ICV≤30%
IV	Continuing Calibration/ISC/Bile Salt	SW	CCV≤30% ISC≤30%
V	Laboratory Blanks	A	
VI	Field Blanks	SW	FB = 2
VII	Matrix spike/Matrix spike duplicates	N	CS
VIII	Laboratory Control Sample/Low Level LCS	SW/SW	
IX	Field Duplicate	N	
X	Internal standard	SW	
XI	Target Analyte Quantitation	A	Results <RL> MDL = J dets
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-6	25F0562-01		Water	06/04/2025	Category B
2	FB	25F0562-02	FB	Water	06/04/2025	Category B

Notes:

BF50771 – Blk 1		

VALIDATION FINDINGS CHECKLIST

METHOD: LC/MS PFAS (EPA Method 1633)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	✓			
III. Initial Calibration and Initial Calibration Verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) < 20%?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of > 0.990?	✓			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were the retention time windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) of the initial calibration verification < 30%?	✓			
IV. Continuing Calibration and Instrument Sensitivity Check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	✓			
Were all percent differences (%D) of the continuing calibration < 30%?	✓			
Were all the retention times within the acceptance windows	✓			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were all percent differences (%D) of the Instrument Sensitivity Check < 30%?		✓		
Were the RTs for the bile salt peaks outside the RT window of PFOS by at least one minute?	✓			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field Blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?	✓			
VII. Matrix Spike/Matrix Spike Duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	

Validation Area	Yes	No	NA	Findings/Comments
X. Internal Standards				
Were extracted internal standard (EIS) percent recoveries (%R) within QC limits?		✓		
Were non-extracted internal standard (NIS) areas within 50-200% of the average area of the calibration standards?	✓			
Were NIS retention times within 0.4 minutes of the initial calibration midPoint?	✓			
XI. Target Analayte Quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?			✓	
Did reported results include both branched and linear isomers?	✓			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	✓			
Were analyte quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	✓			
XII. Target Analyte Identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	✓			
Were ion ratios between 50-150%?	✓			
Were manual integrations reviewed and found acceptable?	✓			
Did the laboratory provide before and after integration printouts?	✓			
XIII. Overall assesment of Data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
Continuing Calibration/Instrument Sensitivity Check

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

Date	Standard ID	Analyte	Finding %D (Limit: ≤30.0%)	Associated Sample	Qualifications
6/13/25	S5F1329-LCV1	Perfluoro-1-decanesulfonic acid (PFDS)	36.4	All (ND)	J/UJ/P
	(Low level/ISC)	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	525		
		2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	35		
		2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	706		
		N-MeFOSA	46.7		
		N-EtFOSA	81.8		
6/13/25	S5F1329-CCV1	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	79.9		
		2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	391	✓	✓

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
Field Blanks

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

Field blanks were identified in this SDG.

No contaminants were found in the field blanks with the exceptions identified below.

Sampling date: 6/4/2025 **Blank units:** ng/L **Associated sample units:** ng/L

Field blank type: FB **Associated Samples:** 1

(FB = Field Blank; EB = Equipment Blank; SB = Source Blank)

Compound	Blank ID	Sample Identification					
	2	1					
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	4.74	4.88/5.28U					

Sampling date: **Blank units:** **Associated sample units:**

Field blank type: **Associated Samples:**

(FB = Field Blank; EB = Equipment Blank; SB = Source Blank)

Compound	Blank ID						

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
BF50771-BS1	11CL-PF3OUdS	168		50-150			All (ND)	J det/P
	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	202						
	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	152						
	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	36.9					(DET)	J/UJ/P
	9CL-PF3ONS	204					(ND)	J det/P
	ADONA	201						J det/P
	Perfluoro-4-oxapentanoic acid (PFMPA)	5.42						J/R/P
	Perfluoro-5-oxahexanoic acid (PFMBA)	232						J det/P
	Perfluoro-n-butanoic acid (PFBA)	25.4						J/UJ/P
BF50771-BS2	11CL-PF3OUdS	194						J det/P
(LOW LEVEL LCS)	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	220						
	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	156						
	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	39.2						J/UJ/P
	9CL-PF3ONS	230						J det/P
	ADONA	213						
	Perfluoro-4-oxapentanoic acid (PFMPA)	4.51						J/R/P
	Perfluoro-5-oxahexanoic acid (PFMBA)	247						J det/P
	Perfluoro-n-butanoic acid (PFBA)	37.0						J/UJ/P

LDC #: 61834G

VALIDATION FINDINGS WORKSHEET
Extracted Internal Standards

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)
All labeled compounds standard %Rs were within QC limits with the exceptions identified below.

#	Sample ID	Labeled Compound	%R	%R Limits	Associated Analytes	Qualifications
	1 (ND)	MPFBA	0.993	~~25-150~~ 5-130	PFBA	J/R/P
	(ND+DET)	M5PFPeA	22.8	~~25-150~~ 40-130	PFPeA, PFMPA, PFMBA, 3:3FTCA	J/UJ/P
	2 (ND)	MPFBA	0.793	~~25-150~~ 5-130	PFBA	J/R/P
		M5PFPeA	12.2	~~25-150~~ 40-130	PFPeA, PFMPA, PFMBA, 3:3FTCA	J/UJ/P

LDC#: 61834G

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

Method: PFAS (EPA 1633)

Date	Instrument	Compound	Standards	(Y) Response Ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
6/12/2025	QQQ-2	L-PFOA	0.200	0.0663	0.080	0.0064
			0.500	0.1680	0.20	0.0400
		M8PFOA	1.250	0.3945	0.50	0.2500
	SF50020	(IS = 2.5 ng/mL)	2.500	0.7274	1.00	1.0000
			5.000	1.5090	2.00	4.0000
			12.500	3.9781	5.00	25.0000
			25.000	8.3724	10.00	100.0000
			62.500	20.8122	25.00	625.0000

Regression Output

			Reported
Constant	c =	-0.0593	-0.0010
R Squared		0.9998869	0.99941
X Coefficient(s)	a =	6.39252E-04	1.67500E-03
	b =	8.171462E-01	7.94224E-01
Correlation Coefficient		0.999943	
Coefficient of Determination (r^2)	r^ 2	0.999887	

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: PFAS (EPA 1633)

Date	Instrument	Compound	Standards	(Y) Response Ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
6/12/2025	QQQ-2	L-PFOS	0.186	0.1029	0.074	0.0055
			0.464	0.2179	0.19	0.0344
		M8PFOS	1.160	0.4948	0.46	0.2153
	SF50020	(IS = 2.395 ng/mL)	2.320	0.9044	0.93	0.8612
			4.640	1.8324	1.86	3.4447
			11.600	4.5003	4.64	21.5296
			23.200	10.7570	9.28	86.1184
			58.000	27.8210	23.20	538.2400

Regression Output

			Reported
Constant	c =	-0.0897	0.0235
R Squared		0.9994614	0.998274
X Coefficient(s)	a =	8.05900E-03	8.05900E-03
	b =	1.056611E+00	9.60457E-01
Correlation Coefficient		0.999731	
Coefficient of Determination (r^2)	r^ 2	0.999461	

LDC#: 61834G

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

Method: PFAS (EPA 1633)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	S5F1329-CCV1 QQQ-2	6/13/2025	PFOA (M8PFOA)	2.50	2.35	2.32	6.8	7.2
			PFOS (M8PFOA)	2.32	2.16	2.17	6.8	6.3

LDC # 61834G

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: BF50771-BS1

Compound	SA (ng/L)		SSC (ng/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
PFOA	40.0	NA	43.9	NA	110	110				
PFOS	37.2	NA	36.2	NA	97.4	97.3				

LDC # 61834G

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Concentration = $\frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured

DF = Dilution factor

CF = Calibration factor from continuing calibration curve

Vi = Initial volume or weight of sample extracted in milliters (mL) or grams (g)

Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	Ais	r2 coeff a	r2 coeff b	r2 coeff c	Vf (uL)	Vi (mL)	DF	% S/100	on-col conc (ng/mL)	Calculated Concentration (ng/L)	Reported Concentration (ng/L)	% Diff
1	PFOA	14345	68747	0.001675	0.794224	-0.001031	5000.00	473.80	1.00	NA	0.657	6.94	6.96	0.0

Area ratio (Y) = a (X^2) + b X + c

	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2	(-b -())/ 2a
SAMPLE 1											
pfoa	0.521659127	0.00168	0.79422	-0.00103	0.6572033	0.657	-0.5226901	0.63429379	0.7964256	0.657203	-474.820785

61834G w vektor 32-20 38th ave queens york

Site:	32-20 38th Avenue, Queens, NY
Laboratory:	York Analytical Laboratories, Inc., Stratford, CT/Phoenix Environmental Laboratories, Inc., Manchester, CT
SDG:	25F0562/GCT47253
Reviewer:	Jon Carmichael and Pei Geng/Laboratory Data Consultants for vEKtor Consultants – New York, NY
Date:	November 13, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID/SUB LAB ID	FRACTIONS VALIDATED
MW-6	25F0562-01/CT47253	Metals, Wet Chemistry
MW-6MS	25F0562-01MS	Wet Chemistry
MW-6MSD	25F0562-01MSD	Wet Chemistry
MW-6DUP	25F0562-01DUP	Wet Chemistry

Associated QC Samples(s):

Field/Trip Blanks: None Associated
Field Duplicate pair: None Associated

The above-listed water samples were collected on June 4, 2025 and were analyzed for metals and dissolved metals by SW-846 methods 6010D, 6020B, and 7470A, hexavalent chromium by SW-846 method 7196A, and trivalent chromium by calculation. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for ICP-MS Data Validation,* SOP No. HW-3b, ISM02.2, , Revision 1 (September 2016), the USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Internal Standards
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The wet chemistry nondetect result for hexavalent chromium in sample MW-6 was rejected (R) due to exceedance in the technical holding time. The results are not usable for project objectives, which may have a major impact on the data usability.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

Metals

All criteria were met.

Wet Chemistry

All technical holding time requirements were met with the following exceptions:

Sample	Analyte	Total Hours From Sample Collection Until Analysis	Required Holding Time (in Hours) From Sample Collection Until Analysis	Validation Action
MW-6	Hexavalent chromium	129	24	R (all non-detects)

Initial and Continuing Calibration

Metals

Initial and continuing calibrations were performed as required by the methods.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits with the following exceptions:

Date	Lab. Reference/ID	Analyte	%R (90-110)	Associated Samples	Validation Action
06/11/25	S5F1202-CCV6	Antimony Cadmium	135 139	MW-6	None
06/12/25	S5F1229-CCV5	Dissolved antimony Dissolved cadmium	123 125	MW-6	None
06/12/25	S5F1229-CCV5	Dissolved selenium	113	MW-6	J (all detects)

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

Wet Chemistry

All criteria were met.

ICP Interference Check Sample Analysis

Metals

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

MS/MSD Results

Metals

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

Wet Chemistry

All criteria were met.

Laboratory Duplicate Results

Metals

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

Wet Chemistry

All criteria were met.

Serial Dilution

Metals

Serial dilution was not performed for this SDG.

LCS Results

Metals

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

LCS ID (Associated Samples)	Analyte	%R	Limits	Validation Action
BF50788-BS1 (MW-6)	Dissolved calcium	123	80-120	J (all detects)
BF50709-BS1 (MW-6)	Antimony Cadmium	123 124	80-120 80-120	None

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

Wet Chemistry

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Internal Standards

Metals

All criteria were met.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals and wet chemistry analyses.

Dilutions were not required for metals and wet chemistry analyses.

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834G
SDG #: 25F0562/GCT47253
Laboratory: York Analytical Laboratories, Inc., Stratford, CT / Phoenix Environmental Laboratories, Inc., Manchester, CT
Method: Metals, Dissolved Metals (EPA 6010D); Metals, Dissolved Metals (EPA 6020B); Mercury, Dissolved Mercury (EPA 7470A)

Date: 11/5/2025
Page: 1/1
Reviewer: JC
2nd Reviewer: JC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	ICP/MS Tune	A	
III	Initial Calibration	A	
IV	ICV/Continuing Calibration	SW	
V	ICP Interference Check Sample Analysis	A	
VI	Laboratory Blanks	A	
VII	Field Blanks	N	
VIII	Matrix Spike/Matrix Spike Duplicate	N	
IX	Laboratory Duplicate	N	
X	Serial Dilution	N	
XI	Laboratory Control Sample	SW	LCS
XII	Field Duplicate	N	
XIII	Internal Standards (ICP-MS)	A	
XIV	Target Analyte Quantitation	A	MDL< No Sample < RL
XV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID/ Sub Lab ID	QC Type	Matrix	Date	Stage
1	MW-6 No Dilutions	25F0562-01/ CT47253*		Water	06/04/2025	Category B

*From SDG GCT47253/ Sub Lab ID CT47253

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-6

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0562

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens

Matrix: Ground Water Laboratory ID: 25F0562-01 File ID: QBI061125A_WATER-180

Sampled: 06/04/25 12:05 Prepared: 06/11/25 07:42 Analyzed: 06/11/25 15:46

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50707 Sequence: S5F1201 Calibration: 06/11/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	27.1	1		EPA 6010D
7429-90-5	Aluminum (dissolved)	0.0556	1	U	EPA 6010D
7440-39-3	Barium	0.293	1		EPA 6010D
7440-39-3	Barium (dissolved)	0.0284	1		EPA 6010D
7440-70-2	Calcium	51.5	1		EPA 6010D
7440-70-2	Calcium (dissolved)	37.0	1		EPA 6010D
7440-47-3	Chromium	0.0528	1		EPA 6010D
7440-47-3	Chromium (dissolved)	0.00556	1	U	EPA 6010D
7440-48-4	Cobalt	0.0258	1		EPA 6010D
7440-48-4	Cobalt (dissolved)	0.00444	1	U	EPA 6010D
7440-50-8	Copper	0.0852	1		EPA 6010D
7440-50-8	Copper (dissolved)	0.0222	1	U	EPA 6010D
7439-89-6	Iron	39.9	1		EPA 6010D
7439-89-6	Iron (dissolved)	0.278	1	U	EPA 6010D
7439-92-1	Lead	0.0771	1		EPA 6010D
7439-92-1	Lead (dissolved)	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	19.4	1		EPA 6010D
7439-95-4	Magnesium (dissolved)	5.11	1		EPA 6010D
7439-96-5	Manganese	1.04	1		EPA 6010D
7439-96-5	Manganese (dissolved)	0.0462	1		EPA 6010D
7440-02-0	Nickel	0.0451	1		EPA 6010D
7440-02-0	Nickel (dissolved)	0.0111	1	U	EPA 6010D
7440-09-7	Potassium	12.9	1		EPA 6010D
7440-09-7	Potassium (dissolved)	3.86	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-6

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0562

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens

Matrix: Ground Water Laboratory ID: 25F0562-01 File ID: QBIMX061125B-076

Sampled: 06/04/25 12:05 Prepared: 06/11/25 08:06 Analyzed: 06/11/25 16:45

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BF50709 Sequence: S5F1202 Calibration: 06/11/25 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	1.11	1	U	EPA 6020B
7440-36-0	Antimony (dissolved)	1.11	1	U	EPA 6020B
7440-38-2	Arsenic	1.92	1		EPA 6020B
7440-38-2	Arsenic (dissolved)	1.11	1	U	EPA 6020B
7440-41-7	Beryllium	0.452	1		EPA 6020B
7440-41-7	Beryllium (dissolved)	0.333	1	U	EPA 6020B
7440-43-9	Cadmium	0.556	1	U	EPA 6020B
7440-43-9	Cadmium (dissolved)	0.556	1	U	EPA 6020B
7782-49-2	Selenium	2.46	1		EPA 6020B
7782-49-2	Selenium (dissolved)	2.38	1		EPA 6020B
7440-28-0	Thallium (dissolved)	1.11	1	U	EPA 6020B
7440-28-0	Thallium	1.11	1	U	EPA 6020B

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-6

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT47253

Lab Sample Id: CT47253 Sample Matrix: Dissolved

Date Received: 6/10/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	06/17/25 11:57	AV

FORM I - IN

1

INORGANIC ANALYSIS DATA SHEET

Client Id: MW-6

Lab Name: Phoenix Environmental Labs Client: YORK

Lab Code: Phoenix SDG No.: GCT47253

Lab Sample Id: CT47253 Sample Matrix: GROUND WATER

Date Received: 6/10/2025 Percent Solids: n.a.

Concentration Units (mg/L or mg/kg dry weight): mg/L

CAS No.	Analyte	Concentration	C	Q	MDL LOD	PQL RL	DF	Date Analyzed	M
7439-97-6	Mercury	0.0002	U		0.0002	0.0002	1	06/17/25 13:22	AV

FORM I - IN

LDC #: 61834G

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Water	6010D	Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
↓	↓	↓	Dissolved: Al, Ba, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, V, Zn
1	Water	6020B	Sb, As, Be, Cd, Se, Tl
↓	↓	↓	Dissolved: Sb, As, Be, Cd, Se, Tl
1	Water	7470A	Hg
↓	↓		Dissolved: Hg

Comments:

LDC #: 61834G	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Findings/Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.	YES			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?	YES			
Were %RSDs of isoptoes in the tuning solution ≤5%?	YES			
III./IV. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?		NO		
Were the low level standard checks within 70-130%?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
V. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			
VI. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		NO		
VII. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VIII./IX. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			NA	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			NA	
X. Serial Dilution				
Were all percent differences <10%?			NA	
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			NA	

LDC #: 61834G	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Findings/Comments**
XI. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?		NO		
XII. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
XIII. Internal Standards				
Were all percent recoveries within the 30-120% (60-120% for EPA Method 200.8) QC limits?	YES			
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIV. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?			NA	
XV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS WORKSHEETS

Calibration

Reviewer: JC

LDC #: 61834G

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

All initial calibration verifications (ICVs) and continuing calibration verifications (CCVs) were performed at the required frequency and were within the acceptance limits with the following exceptions:

Date	Time	Calibration ID (ICV/CCV)	Analyte	%R	%R Limits	Associated Samples	Qualification	Det/ND
6/11/2025	17:06	S5F1202-CCV6	Sb	135	90-110	1	Jdet/A	ND
			Cd	139	↓	↓	↓	↓
6/12/2025	14:17	S5F1229-CCV5	Diss Sb	123	↓	1	Jdet/A	ND
			Diss Cd	125	↓	↓	↓	↓
			Diss Se	113	↓	↓	↓	Det

Comments:

VALIDATION FINDINGS WORKSHEETS
Laboratory Control Sample

LDC #: 61834G

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/700
A LCS was analyzed for each matrix at the required frequencies. All LCS percent recoveries (%R) were within the acceptable limits with the following exceptions:

LCS ID	Matrix	Analyte	LCS %R	%R Limit	Associated Samples	Qualification	Det/ND
BF50788-BS1	Water	Diss Ca	123	80-120	1	Jdet/A	Det
BF50709-BS1	↓	Sb	123	↓	↓	↓	ND
		Cd	124	↓	↓	↓	ND

VALIDATION FINDINGS CHECKLIST

Calibration Calculation Verification

Reviewer: JC

LDC #: 61834G

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample

%R = (Found/True) x 100 Found = concentration of each analyte measured in the analysis

True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP (ug/mL)	Ba	9.75	10	97.5	97.5	Y
CCV	ICP (ug/mL)	Diss K	4.88	5	97.6	97.6	Y
LLCC	ICP (ug/mL)	Ni	0.0106	0.01	106	106	Y
ICSAB	ICP (ug/mL)	Mn	520.9	500	104	104	Y
ICV	ICP-MS	Diss As	48.2	50	96.4	96.3	Y
CCV	ICP-MS	Cd	69.5	50	139	139	Y
LLCC	ICP-MS	Se	1.63	1	163	163	Y
ICSAB	ICP-MS	Diss Tl	16.13	20	80.65	80.7	Y
ICV	CVAA	Hg	0.0041	0.004	103	103.3	Y
CCV	CVAA	Diss Hg	0.004	0.004	100	101	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
6/11/2025	Mass Axis	9.0	9.0	± 0.1 amu
6/12/2025	%RSD	114.9	0.1	≤ 5%

VALIDATION FINDINGS WORKSHEET
Quality Control Sample Recalculations

LDC #: 61834G

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration
The serial dilution percent difference (%D) was recalculated using the following formula.
%D = (Absolute value (I - SDR)) x 100 / (I)
I = Initial sample result
SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
CT47491	LCS	Hg	0.0027	0.0025	108	106	Y
NA	MS				NA		NA
NA	Duplicate				NA		NA
NA	PDS				NA		NA
NA	Serial dilution				NA		NA

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: JC

LDC #: 61834G

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Initial volume)

Sample ID	Analyte	Raw Data (ug/L)	Dilution	Initial Weight/ Volume (mL)	Final Volume (mL)	Reported Result (ug/L)	Recalculated Result (ug/L)	Acceptable (Y/N)
1	Be	0.406736	1	45	50	0.452	0.452	Y

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61834G
SDG #: 25F0562

Date: 11/5/2025
Page: 1/1

Laboratory: York Analytial Laboratories, Inc., Stratford, CT

Reviewer: JC
2nd Reviewer: RE

Method: Hexavalent Chromium (EPA 7196A); Trivalent Chromium (Calculation)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/SW	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	Laboratory Blanks	A	
V	Field Blanks	N	
VI	Matrix Spike/Matrix Spike Duplicate	A	
VII	Laboratory Duplicate	A	
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	MDL< No Sample <RL
XI	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW-6 No Dilution	25F0562-01		Water	06/04/2025	Category B
2	MW-6MS	25F0562-01MS	MS	Water	06/04/2025	Category B
3	MW-6MSD	25F0562-01MSD	MSD	Water	06/04/2025	Category B
4	MW-6DUP	25F0562-01DUP	DUP	Water	06/04/2025	Category B

Notes:

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

MW-6

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0562

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens

Matrix: Ground Water Laboratory ID: 25F0562-01 File ID: HexChrome_SPECA_Ver1_BF50(

Sampled: 06/04/25 12:05 Prepared: 06/09/25 20:58 Analyzed: 06/09/25 21:15

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BF50621 Sequence: Calibration: 06/09/25 2 Instrument: SPEC A

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.0100	1	U	EPA 7196A

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

MW-6

Laboratory: York Analytical Laboratories, Inc. SDG: 25F0562

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens

Matrix: Ground Water Laboratory ID: 25F0562-01 File ID:

Sampled: 06/04/25 12:05 Prepared: 06/12/25 15:51 Analyzed: 06/12/25 16:00

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BF50883 Sequence: Calibration: 06/12/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	0.0528	1		Calculation

LDC #: 61834G

All elements are applicable to each sample as noted below.

Sample ID	Target Analyte List
1	Hexavalent Chromium, Trivalent Chromium
QC	
2-4	Hexavalent Chromium

LDC #: 61834G	METHOD: Inorganics			
Validation Area	**Yes**	**No**	**NA**	**Findings/ Comments**
I. Technical holding times				
Were all technical holding times met?		NO		
II./III. Calibration				
Were all instruments calibrated at the required frequency?	YES			
Were the proper number of standards used?	YES			
Were all initial and continuing calibration verifications within the QC limits?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
Were balance checks performed as required?	YES			
IV. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		~~NO~~	NA	Not required by Method
V. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VI./VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	YES			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	YES			
VIII. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			

LDC #: 61834G	METHOD: Inorganics			
Validation Area	**Yes**	**No**	**NA**	**Findings/ Comments**
IX. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?			NA	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to	YES			

VALIDATION FINDINGS WORKSHEETS
Holding Time

Reviewer: JC

LDC #: 61834G

METHOD: Inorganics
All samples were properly preserved and within the requried holding time with the following exceptions:

		Analyte: Hexavalent Chromium (EPA 7196A) Holding Time: 24 (Hours)			
Sample ID	**Sampling Date**	**Analysis Date**	**Total Time from Collection to Analysis (Hours)**	**Qualifier**	**Det/ND**
1	06/04/25 12:05	06/09/25 21:15	129	J/R/P	ND

Comment: HT-02: NON-COMPLIANT-This sample was received outside the EPA recommended

VALIDATION FINDINGS CHECKLIST

Initial and Continuing Calibration Calculation Verification

Reviewer: JC

METHOD: Inorganics

The correlation

Calibration date: 12/30/2024

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of Analysis	Analyte	Standard	Concentration (mg/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial Calibration	Hexavalent Chromium	s1	0.01	0.009	0.999776	0.999553	Y
		s2	0.05	0.043			
		s3	0.1	0.086			
		s4	0.25	0.207			
		s5	0.5	0.415			
		s6	0.75	0.642			
		s7					
		s8					
		s9					
		s10					
		s11					
		s12					

Type of Analysis	Analyte	Found (mg/L)	True (mg/L)		Recalculated %R	Reported %R	Acceptable (Y/N)
Calibration verification	Hexavalent Chromium	0.448926334	0.5		90	90	Y
Calibration verification	Hexavalent Chromium	0.46510676	0.5		93.021352	93.0813516	Y
Calibration verification							

VALIDATION FINDINGS CHECKLIST

Quality Control Sample Recalculations

Reviewer: JC

LDC #: 61834G

METHOD: Inorganics

Percent recoveries (%R) for the laboratory control sample (LCS) and matrix spike (MS) were recalcuated using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)

True = concentration of each analyte in the source

The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = (Absolute value(S-D)x 200) / (S+D)

S = Original sample concentration

D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	Found/S	True/D	Recalculated %R/RPD	Reported %R/RPD	Acceptable (Y/N)
BF50621-BS1	LCS	Hexavalent Chromium	0.439508949	0.5	87.9	87.9	Y
2	MS	Hexavalent Chromium	0.54	0.5	108	108	Y
2,3	Duplicate	Hexavalent Chromium	0.539568665	0.532505626	1.32	1.32	Y

VALIDATION FINDINGS CHECKLIST
Sample Calculation Verification

LDC #: 61834G

METHOD: Inorganics
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids (if applicable) x Initial weight or volume)

Sample ID	Analyte	Raw Data (mg/L)	Dilution	Initial Volume (mL)	Final Volume (mL)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
1	Hexavalent Chromium	0.001600546	1	100	100	0.0100 U	0.001600546	Y

26B0519

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
ALS Environmental, SDG: 26B0519

1 Ground Water Sample, 1 Field Blank,
and 1 Trip Blank
Collected February 11, 2026

Prepared by: Donald Anné
April 6, 2026

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 1 ground water sample, 1 field blank, and 1 trip blank analyzed for volatiles, and the results of 1 ground water sample and 1 field blank sample analyzed for semi-volatiles, SIM semi-volatiles, and TAL metals.

The overall performances of the analyses are acceptable. ALS Environmental did fulfill the requirements of the analytical methods except for the 8270E analyses.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The "not detected" semi-volatile results for 4-nitrophenol, benzaldehyde, phenol, and pyridine were qualified as "rejected, unusable" (R) for samples 26MW-1 and FB because 1 or 2 percent recoveries for these compounds were below QC limits and below 30% in the associated aqueous LCS/LCSD.

- The "not detected" semi-volatile results for caprolactam were qualified as "rejected, unusable" (R) for samples 26MW-1 and FB because the RRF for caprolactam was below the allowable minimum in the associated continuing calibration verification sample.

- The "not detected" semi-volatile results for 29 base/neutral compounds were qualified as "estimated" (UJ) for samples 26MW-1 and FB because 2 of 3 base/neutral surrogate recoveries were below control limits, but not below 10% for the samples.

- The "not detected" SIM semi-volatile results for n-nitrosodimethylamine were qualified as "rejected, unusable" (R) for samples 26MW-1 and FB because the percent recovery for n-nitrosodimethylamine was below QC limits and below 30% in the associated aqueous LCS.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

- The positive volatile result for bromodichloromethane was qualified as "not detected" (U) for sample 26MW-1 because the level reported in the sample was not significantly greater than (more than 5 times) the highest associated blank level.

- The positive volatile result for acetone was qualified as "not detected" (U) for sample 26MW-1 because the level reported in the sample was not significantly greater than (more than 10 times) the highest associated blank level.

- The positive volatile results for acetone were qualified as "estimated, biased high" (J+) for the trip and field blanks because 2 of 2 percent recoveries for acetone were above QC limits in the associated aqueous LCS/LCSD sample.

- The positive volatile results for 2-butanone, 2-hexanone, and 4-methyl-2-pentanone were qualified as "estimated, biased high" (J+) for sample 26MW-1 because 2 of 2 percent recoveries for 2-butanone, 2-hexanone, and 4-methyl-2-pentanone were above QC limits in the associated aqueous LCS/LCSD sample.

- The "not detected" volatile result for bromoform were qualified as "estimated" (UJ) for sample 26MW-1, trip blank, and field blank because 1 of 2 percent recoveries for bromoform was below QC limits, but not below 30% in the associated aqueous LCS/LCSD.

All data that are not qualified rejected (R) are considered usable with estimated (J+ or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Client:	Vektor Consultants	**Sample ID:**	**26B0519-01**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26MW-1	**Collection Date/Time:**	2/11/26 17:45

Lab ID:	**26B0519-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		
Log-in Notes:	PRES		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,3-Dichloropropane	ND		0.260	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
2-Butanone	**3.77** J+	CCVE, ICVE, QL-02	0.421	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
2-Hexanone	**7.36** J+	CCVE, ICVE, QL-02	0.320	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
4-Methyl-2-pentanone	**1.14** J+	CCVE, ICVE, QL-02	0.365	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Acetone	**34.9** U	CCVE, ICVE, QL-02	1.34	2.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Bromodichloromethane	**0.370** U	J	0.245	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Bromoform	ND UJ	QL-02	0.163	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Bromomethane	ND		0.500	2.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Chloroform	**7.53**		0.243	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-01**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26MW-1	**Collection Date/Time:**	2/11/26 17:45

Lab ID:	**26B0519-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		
Log-in Notes:	PRES		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Chloromethane	ND		0.372	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Dichlorodifluoromethane	ND	ICVE	0.451	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Methyl tert-butyl ether (MTBE)	ND	ICVE, QL-02	0.244	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Naphthalene	ND		0.212	2.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
* p-Diethylbenzene	ND		0.341	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
* p-Ethyltoluene	ND		0.200	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 17:44	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*		*69-130*	*EPA 8260D*	*2/13/26 17:44*
Surrogate: SURR: Toluene-d8	*96.1 %*		*81-117*	*EPA 8260D*	*2/13/26 17:44*
Surrogate: SURR: p-Bromofluorobenzene	*107 %*		*79-122*	*EPA 8260D*	*2/13/26 17:44*

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-01**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26MW-1	**Collection Date/Time:**	2/11/26 17:45

Lab ID:	**26B0519-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Ground Water
Prep Method:	Sample Prepared by Method: EPA 3510C	**Sample Notes:**	EXT-EM
Log-in Notes:	PRES		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Biphenyl	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
1,2,4,5-Tetrachlorobenzene	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2,3,4,6-Tetrachlorophenol	ND		3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2,4,5-Trichlorophenol	ND		3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2,4,6-Trichlorophenol	ND		3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2,4-Dichlorophenol	ND		3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2,4-Dimethylphenol	ND		3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
* 2,4-Dinitrophenol	ND		3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2,4-Dinitrotoluene	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2,6-Dinitrotoluene	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2-Chloronaphthalene	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2-Chlorophenol	ND		3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2-Methylnaphthalene	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2-Methylphenol	ND		3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2-Nitroaniline	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
2-Nitrophenol	ND		3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
* 3- & 4-Methylphenols	ND		3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
3,3-Dichlorobenzidine	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
3-Nitroaniline	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
4,6-Dinitro-2-methylphenol	ND		3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
4-Bromophenyl phenyl ether	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
4-Chloro-3-methylphenol	ND		3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
4-Chloroaniline	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
4-Chlorophenyl phenyl ether	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
4-Nitroaniline	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
4-Nitrophenol	ND	R	6.25	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Acetophenone	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Benzaldehyde	ND	R	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Benzyl butyl phthalate	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Bis(2-chloroethoxy)methane	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Bis(2-chloroethyl)ether	ND	UJ	1.25	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Bis(2-chloroisopropyl)ether	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Caprolactam	ND	R	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Carbazole	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Dibenzofuran	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Diethyl phthalate	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Dimethyl phthalate	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Di-n-butyl phthalate	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Di-n-octyl phthalate	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Hexachlorocyclopentadiene	ND	UJ	6.25	12.5	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Isophorone	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
N-nitroso-di-n-propylamine	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-01**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26MW-1	**Collection Date/Time:**	2/11/26 17:45

Lab ID: **26B0519-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 3510C **Sample Notes:** EXT-EM
Log-in Notes: PRES

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
N-Nitrosodiphenylamine	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Phenol	ND	R	0.938	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
* Propargite	ND	UJ	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak
Pyridine	ND	R	3.12	6.25	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:15	ak

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*24.6 %*		*19.7-63.1*	*EPA 8270E*	*2/16/26 13:15*
Surrogate: SURR: Phenol-d6	*15.4 %*		*10.1-41.7*	*EPA 8270E*	*2/16/26 13:15*
Surrogate: SURR: Nitrobenzene-d5	*33.4 %*		*50.2-113*	*EPA 8270E*	*2/16/26 13:15*
Surrogate: SURR: 2-Fluorobiphenyl	*36.4 %*		*39.9-105*	*EPA 8270E*	*2/16/26 13:15*
Surrogate: SURR: 2,4,6-Tribromophenol	*49.1 %*		*39.3-151*	*EPA 8270E*	*2/16/26 13:15*
Surrogate: SURR: Terphenyl-d14	*46.6 %*		*30.7-106*	*EPA 8270E*	*2/16/26 13:15*

Lab ID: **26B0519-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS/SIM** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 3510C **Sample Notes:** EXT-EM
Log-in Notes: PRES

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Acenaphthene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Acenaphthylene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
* Anthracene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
* Atrazine	ND		0.625	0.625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Benzo(a)anthracene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Benzo(a)pyrene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Benzo(b)fluoranthene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Benzo(g,h,i)perylene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Benzo(k)fluoranthene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
* Bis(2-ethylhexyl)phthalate	ND		0.625	0.625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Chrysene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Dibenzo(a,h)anthracene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Fluoranthene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Fluorene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
* Hexachlorobenzene	ND		0.0250	0.0250	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
* Hexachlorobutadiene	ND		0.625	0.625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
* Hexachloroethane	ND		0.625	0.625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Indeno(1,2,3-cd)pyrene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Naphthalene	ND		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
* Nitrobenzene	ND	CCVE, ICVE	0.312	0.312	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
* N-Nitrosodimethylamine	ND R	QL-02	0.625	0.625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
* Pentachlorophenol	ND	CCVE	0.312	0.312	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR
Phenanthrene	**0.0758**		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-01**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26MW-1	**Collection Date/Time:**	2/11/26 17:45

Lab ID: **26B0519-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS/SIM** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 3510C **Sample Notes:** EXT-EM
Log-in Notes: PRES

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Pyrene	**0.0642**		0.0625	0.0625	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 13:58	SR

Lab ID: **26B0519-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Metals Total** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 3015A
Log-in Notes: PRES

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Aluminum	**1490**		0.134	0.556	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Antimony	ND		1.11	1.11	1	ug/L	EPA 6020B	2/18/26 8:30	2/18/26 12:38	DBT
Arsenic	**101**		1.11	1.11	1	ug/L	EPA 6020B	2/18/26 8:30	2/18/26 12:38	DBT
Barium	**9.95**		0.00333	0.0278	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Beryllium	ND		0.333	0.333	1	ug/L	EPA 6020B	2/18/26 8:30	2/18/26 12:38	DBT
Cadmium	**11.9**		0.556	0.556	1	ug/L	EPA 6020B	2/18/26 8:30	2/18/26 12:38	DBT
Calcium	**4420**		1.63	5.56	10	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 14:05	AGNR
Chromium	**3.14**		0.000493	0.00556	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Cobalt	**1.49**		0.00234	0.00444	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Copper	**5.95**		0.00580	0.0222	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Iron	**3340**		2.43	13.9	50	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 14:06	AGNR
Lead	**1.04**		0.00658	0.00667	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Magnesium	**2040**		0.0610	0.0667	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Manganese	**49.4**		0.00136	0.00556	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Nickel	**2.84**		0.00396	0.0111	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Potassium	**507**		7.41	11.1	10	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 14:05	AGNR
* Selenium	**0.133**		0.00753	0.0278	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Silver	**0.0123**		0.00570	0.00667	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Sodium	**404**		0.970	1.11	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Thallium	**5.27**		1.11	1.11	1	ug/L	EPA 6020B	2/18/26 8:30	2/18/26 12:38	DBT
Vanadium	**3.22**		0.00106	0.0111	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR
Zinc	**6.85**		0.0123	0.0278	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:37	AGNR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-01**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26MW-1	**Collection Date/Time:**	2/11/26 17:45

Lab ID: **26B0519-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Mercury Total** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA SW846-7470A
Log-in Notes: PRES

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Mercury	ND		0.0002	0.0002	1	mg/L	EPA 7470	2/17/26 8:04	2/17/26 08:04	DBT

Lab ID: **26B0519-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Metals Dissolved-dissolved** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 3015A
Log-in Notes: PRES

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Aluminum-dissolved	ND		0.202	0.833	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Antimony-dissolved	ND		1.67	1.67	1	ug/L	EPA 6020B	2/18/26 11:35	2/18/26 14:37	DBT
Arsenic-dissolved	ND		1.67	1.67	1	ug/L	EPA 6020B	2/18/26 11:35	2/18/26 14:37	DBT
Barium-dissolved	**0.112**		0.00500	0.0417	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Beryllium-dissolved	ND		0.500	0.500	1	ug/L	EPA 6020B	2/18/26 11:35	2/18/26 14:37	DBT
Cadmium-dissolved	ND		0.833	0.833	1	ug/L	EPA 6020B	2/18/26 11:35	2/18/26 14:37	DBT
Calcium-dissolved	**313**		0.245	0.833	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Chromium-dissolved	**0.0130**		0.000740	0.00833	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Cobalt-dissolved	ND		0.00352	0.00667	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Copper-dissolved	ND		0.00870	0.0333	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Iron-dissolved	**0.656**		0.0730	0.417	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Lead-dissolved	ND		0.00987	0.0100	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Magnesium-dissolved	**101**		0.0915	0.100	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Manganese-dissolved	**0.0315**		0.00203	0.00833	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Nickel-dissolved	ND		0.00593	0.0167	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Potassium-dissolved	**12.6**		1.11	1.67	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
* Selenium-dissolved	ND		0.0113	0.0417	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Silver-dissolved	ND		0.00855	0.0100	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Sodium-dissolved	**385**		1.46	1.67	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Thallium-dissolved	ND		1.67	1.67	1	ug/L	EPA 6020B	2/18/26 11:35	2/18/26 14:37	DBT
Vanadium-dissolved	ND		0.00159	0.0167	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR
Zinc-dissolved	ND		0.0185	0.0417	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:32	AGNR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-01**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26MW-1	**Collection Date/Time:**	2/11/26 17:45

Lab ID: **26B0519-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Mercury Dissolved-dissolved** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA SW846-7470A
Log-in Notes: PRES

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Mercury-dissolved	ND		0.0002	0.0002	1	mg/L	EPA 7470	2/17/26 8:10	2/17/26 08:10	DBT

Client:	Vektor Consultants	**Sample ID:**	**26B0519-02**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	FB	**Collection Date/Time:**	2/11/26 17:50

Lab ID: **26B0519-02** **Laboratory:** ALS Environmental - Stratford
Analysis: **Volatile Organic Compounds by GC/MS** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 5030B

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,3-Dichloropropane	ND		0.260	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Acetone	**3.03** J+	CCVE, ICVE, QL-02	1.34	2.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-02**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	FB	**Collection Date/Time:**	2/11/26 17:50

Lab ID:	**26B0519-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Bromodichloromethane	**0.460**	J	0.245	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Bromoform	ND UJ	QL-02	0.163	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Bromomethane	ND		0.500	2.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Chloroform	**30.3**		0.243	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Chloromethane	ND		0.372	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Dichlorodifluoromethane	ND	ICVE	0.451	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Methyl tert-butyl ether (MTBE)	ND	ICVE, QL-02	0.244	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Naphthalene	ND		0.212	2.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
* p-Diethylbenzene	ND		0.341	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
* p-Ethyltoluene	ND		0.200	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 14:17	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-02**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	FB	**Collection Date/Time:**	2/11/26 17:50

Lab ID: **26B0519-02** **Laboratory:** ALS Environmental - Stratford
Analysis: **Volatile Organic Compounds by GC/MS** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 5030B

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*107 %*		*69-130*	*EPA 8260D*	*2/13/26 14:17*
Surrogate: SURR: Toluene-d8	*99.7 %*		*81-117*	*EPA 8260D*	*2/13/26 14:17*
Surrogate: SURR: p-Bromofluorobenzene	*110 %*		*79-122*	*EPA 8260D*	*2/13/26 14:17*

Lab ID: **26B0519-02** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 3510C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Biphenyl	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
1,2,4,5-Tetrachlorobenzene	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2,3,4,6-Tetrachlorophenol	ND		2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2,4,5-Trichlorophenol	ND		2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2,4,6-Trichlorophenol	ND		2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2,4-Dichlorophenol	ND		2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2,4-Dimethylphenol	ND		2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
* 2,4-Dinitrophenol	ND		2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2,4-Dinitrotoluene	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2,6-Dinitrotoluene	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2-Chloronaphthalene	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2-Chlorophenol	ND		2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2-Methylnaphthalene	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2-Methylphenol	ND		2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2-Nitroaniline	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
2-Nitrophenol	ND		2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
* 3- & 4-Methylphenols	ND		2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
3,3-Dichlorobenzidine	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
3-Nitroaniline	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
4,6-Dinitro-2-methylphenol	ND		2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
4-Bromophenyl phenyl ether	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
4-Chloro-3-methylphenol	ND		2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
4-Chloroaniline	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
4-Chlorophenyl phenyl ether	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
4-Nitroaniline	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
4-Nitrophenol	ND	R	5.00	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Acetophenone	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Benzaldehyde	ND	R	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Benzyl butyl phthalate	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Bis(2-chloroethoxy)methane	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Bis(2-chloroethyl)ether	ND	UJ	1.00	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Bis(2-chloroisopropyl)ether	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Caprolactam	ND	R	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Carbazole	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Dibenzofuran	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-02**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	FB	**Collection Date/Time:**	2/11/26 17:50

Lab ID: **26B0519-02** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 3510C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Diethyl phthalate	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Dimethyl phthalate	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Di-n-butyl phthalate	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Di-n-octyl phthalate	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Hexachlorocyclopentadiene	ND	UJ	5.00	10.0	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Isophorone	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
N-nitroso-di-n-propylamine	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
N-Nitrosodiphenylamine	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Phenol	ND	R	0.750	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
* Propargite	ND	UJ	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak
Pyridine	ND	R	2.50	5.00	1	ug/L	EPA 8270E	2/15/26 13:00	2/16/26 13:49	ak

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*19.2 %*		*19.7-63.1*	*EPA 8270E*	*2/16/26 13:49*
Surrogate: SURR: Phenol-d6	*10.1 %*		*10.1-41.7*	*EPA 8270E*	*2/16/26 13:49*
Surrogate: SURR: Nitrobenzene-d5	*35.8 %*		*50.2-113*	*EPA 8270E*	*2/16/26 13:49*
Surrogate: SURR: 2-Fluorobiphenyl	*36.4 %*		*39.9-105*	*EPA 8270E*	*2/16/26 13:49*
Surrogate: SURR: 2,4,6-Tribromophenol	*41.8 %*		*39.3-151*	*EPA 8270E*	*2/16/26 13:49*
Surrogate: SURR: Terphenyl-d14	*46.9 %*		*30.7-106*	*EPA 8270E*	*2/16/26 13:49*

Lab ID: **26B0519-02** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS/SIM** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 3510C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Acenaphthene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Acenaphthylene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
* Anthracene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
* Atrazine	ND		0.500	0.500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Benzo(a)anthracene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Benzo(a)pyrene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Benzo(b)fluoranthene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Benzo(g,h,i)perylene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Benzo(k)fluoranthene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
* Bis(2-ethylhexyl)phthalate	ND		0.500	0.500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Chrysene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Dibenzo(a,h)anthracene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Fluoranthene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Fluorene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
* Hexachlorobenzene	ND		0.0200	0.0200	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
* Hexachlorobutadiene	ND		0.500	0.500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
* Hexachloroethane	ND		0.500	0.500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Indeno(1,2,3-cd)pyrene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-02**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	FB	**Collection Date/Time:**	2/11/26 17:50

Lab ID: **26B0519-02** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS/SIM** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 3510C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Naphthalene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
* Nitrobenzene	ND	CCVE, ICVE	0.250	0.250	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
* N-Nitrosodimethylamine	ND R	QL-02	0.500	0.500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
* Pentachlorophenol	ND	CCVE	0.250	0.250	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Phenanthrene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR
Pyrene	ND		0.0500	0.0500	1	ug/L	EPA 8270E SIM	2/15/26 13:00	2/16/26 14:29	SR

Lab ID: **26B0519-02** **Laboratory:** ALS Environmental - Stratford
Analysis: **Metals Total** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 3015A

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Aluminum	**0.807**		0.134	0.556	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Antimony	ND		1.11	1.11	1	ug/L	EPA 6020B	2/18/26 8:30	2/18/26 12:40	DBT
Arsenic	ND		1.11	1.11	1	ug/L	EPA 6020B	2/18/26 8:30	2/18/26 12:40	DBT
Barium	ND		0.00333	0.0278	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Beryllium	ND		0.333	0.333	1	ug/L	EPA 6020B	2/18/26 8:30	2/18/26 12:40	DBT
Cadmium	ND		0.556	0.556	1	ug/L	EPA 6020B	2/18/26 8:30	2/18/26 12:40	DBT
Calcium	**1.55**		0.163	0.556	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Chromium	ND		0.000493	0.00556	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Cobalt	ND		0.00234	0.00444	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Copper	ND		0.00580	0.0222	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Iron	**0.403**		0.0487	0.278	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Lead	ND		0.00658	0.00667	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Magnesium	**0.872**		0.0610	0.0667	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Manganese	**0.00856**		0.00136	0.00556	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Nickel	ND		0.00396	0.0111	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Potassium	ND		0.741	1.11	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
* Selenium	ND		0.00753	0.0278	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Silver	ND		0.00570	0.00667	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Sodium	ND		0.970	1.11	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Thallium	ND		1.11	1.11	1	ug/L	EPA 6020B	2/18/26 8:30	2/18/26 12:40	DBT
Vanadium	ND		0.00106	0.0111	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR
Zinc	ND		0.0123	0.0278	1	mg/L	EPA 6010D	2/17/26 9:17	2/17/26 13:38	AGNR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-02**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	FB	**Collection Date/Time:**	2/11/26 17:50

Lab ID: **26B0519-02** **Laboratory:** ALS Environmental - Stratford
Analysis: **Mercury Total** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA SW846-7470A

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Mercury	ND		0.0002	0.0002	1	mg/L	EPA 7470	2/17/26 8:04	2/17/26 08:04	DBT

Lab ID: **26B0519-02** **Laboratory:** ALS Environmental - Stratford
Analysis: **Metals Dissolved-dissolved** **Matrix:** Ground Water
Prep Method: Sample Prepared by Method: EPA 3015A

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Aluminum-dissolved	ND		0.134	0.556	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Antimony-dissolved	ND		1.11	1.11	1	ug/L	EPA 6020B	2/18/26 11:35	2/18/26 14:39	DBT
Arsenic-dissolved	ND		1.11	1.11	1	ug/L	EPA 6020B	2/18/26 11:35	2/18/26 14:39	DBT
Barium-dissolved	ND		0.00333	0.0278	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Beryllium-dissolved	ND		0.333	0.333	1	ug/L	EPA 6020B	2/18/26 11:35	2/18/26 14:39	DBT
Cadmium-dissolved	ND		0.556	0.556	1	ug/L	EPA 6020B	2/18/26 11:35	2/18/26 14:39	DBT
Calcium-dissolved	ND		0.163	0.556	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Chromium-dissolved	ND		0.000493	0.00556	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Cobalt-dissolved	ND		0.00234	0.00444	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Copper-dissolved	ND		0.00580	0.0222	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Iron-dissolved	ND		0.0487	0.278	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Lead-dissolved	ND		0.00658	0.00667	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Magnesium-dissolved	ND		0.0610	0.0667	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Manganese-dissolved	ND		0.00136	0.00556	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Nickel-dissolved	ND		0.00396	0.0111	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Potassium-dissolved	ND		0.741	1.11	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
* Selenium-dissolved	ND		0.00753	0.0278	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Silver-dissolved	ND		0.00570	0.00667	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Sodium-dissolved	ND		0.970	1.11	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Thallium-dissolved	ND		1.11	1.11	1	ug/L	EPA 6020B	2/18/26 11:35	2/18/26 14:39	DBT
Vanadium-dissolved	ND		0.00106	0.0111	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR
Zinc-dissolved	ND		0.0123	0.0278	1	mg/L	EPA 6010D	2/18/26 11:19	2/18/26 14:34	AGNR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-02**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	FB	**Collection Date/Time:**	2/11/26 17:50

Lab ID:	**26B0519-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Dissolved-dissolved**	**Matrix:**	Ground Water
Prep Method:	Sample Prepared by Method: EPA SW846-7470A		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Mercury-dissolved	ND		0.0002	0.0002	1	mg/L	EPA 7470	2/17/26 8:10	2/17/26 08:10	DBT

Client:	Vektor Consultants	**Sample ID:**	**26B0519-03**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	Trip Blank	**Collection Date/Time:**	2/11/26 0:00

Lab ID:	**26B0519-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,3-Dichloropropane	ND		0.260	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Acetone	**7.10** J+	CCVE, ICVE, QL-02	1.34	2.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-03**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	Trip Blank	**Collection Date/Time:**	2/11/26 0:00

Lab ID:	**26B0519-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Bromoform	ND UJ	QL-02	0.163	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Bromomethane	ND		0.500	2.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Chloromethane	ND		0.372	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Dichlorodifluoromethane	ND	ICVE	0.451	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Methyl tert-butyl ether (MTBE)	ND	ICVE, QL-02	0.244	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Naphthalene	ND		0.212	2.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
* p-Diethylbenzene	ND		0.341	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
* p-Ethyltoluene	ND		0.200	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/13/26 8:00	2/13/26 12:49	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0519-03**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	Trip Blank	**Collection Date/Time:**	2/11/26 0:00

Lab ID:	**26B0519-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*		*69-130*	*EPA 8260D*	*2/13/26 12:49*
Surrogate: SURR: Toluene-d8	*100 %*		*81-117*	*EPA 8260D*	*2/13/26 12:49*
Surrogate: SURR: p-Bromofluorobenzene	*111 %*		*79-122*	*EPA 8260D*	*2/13/26 12:49*

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data for
York Analytical Laboratories, Inc., SDG: 26B0519

1 Ground Water Samples 1 Field Blank,
and 1 Trip Blank
Collected February 11, 2026

Prepared by: Donald Anné
April 6, 2026

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for applicable compounds were above the method minimums, as required.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for applicable compounds were above the method minimums, as required. The %Ds for 8 compounds (marked with a red X on attached FORM VII) were above the method maximum on 02-13-26 (V7-55353.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for 9 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 02-13-26 (V7-55353.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The trip blank contained a trace of acetone (7.10 ug/L). Field blank FB contained traces of acetone (3.03 ug/L), bromodichloromethane (0.460 ug/L), and chloroform (30.3 ug/L). Positive results for bromodichloromethane and chloroform that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples. Positive results for acetone that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the surface water samples, field blank, and trip blank.

Laboratory Control Sample: The relative percent difference for 2-hexanone was above the allowable maximum and 2 of 2 percent recoveries (%Rs) for 2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, and chloroethane were above QC limits for aqueous samples BB60750-BS1/BSD1. Positive results for these compounds should be considered estimated, biased high (J+) in associated aqueous samples.

One of two percent recoveries (%Rs) for bromoform was below QC limits, but not below 30% for aqueous samples BC60274-BS1/BSD1. Positive results for bromoform should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Compound ID: Checked compounds and surrogates were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Water		
Batch:	BB60750	Laboratory ID:	BB60750-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
1,1,1,2-Tetrachloroethane	10.0	9.90	99.0	82 - 126	
1,1,1-Trichloroethane	10.0	11.8	118	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	8.05	80.5	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.6	126	54 - 165	
1,1,2-Trichloroethane	10.0	8.97	89.7	82 - 123	
1,1-Dichloroethane	10.0	10.9	109	82 - 129	
1,1-Dichloroethylene	10.0	11.6	116	68 - 138	
1,2,3-Trichlorobenzene	10.0	8.42	84.2	76 - 136	
1,2,3-Trichloropropane	10.0	8.19	81.9	77 - 128	
1,2,4-Trichlorobenzene	10.0	9.05	90.5	76 - 137	
1,2,4-Trimethylbenzene	10.0	11.5	115	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	7.44	74.4	45 - 147	
1,2-Dibromoethane	10.0	9.06	90.6	83 - 124	
1,2-Dichlorobenzene	10.0	9.47	94.7	79 - 123	
1,2-Dichloroethane	10.0	9.49	94.9	73 - 132	
1,2-Dichloropropane	10.0	10.1	101	78 - 126	
1,3,5-Trimethylbenzene	10.0	11.8	118	80 - 131	
1,3-Dichlorobenzene	10.0	10.3	103	86 - 122	
1,3-Dichloropropane	10.0	9.15	91.5	81 - 125	
1,4-Dichlorobenzene	10.0	10.1	101	85 - 124	
2-Butanone	10.0	51.0	510 *	49 - 152	
2-Hexanone	10.0	31.6	316 *	51 - 146	
4-Methyl-2-pentanone	10.0	34.8	348 *	57 - 145	
Acetone	10.0	36.3	363 *	14 - 150	
Acrolein	40.0	32.1	80.3	10 - 153	
Acrylonitrile	10.0	9.77	97.7	51 - 150	
Benzene	10.0	11.0	110	85 - 126	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Water		
Batch:	BB60750	Laboratory ID:	BB60750-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
Bromochloromethane	10.0	9.31	93.1	77 - 128	
Bromodichloromethane	10.0	9.81	98.1	79 - 128	
Bromoform	10.0	7.73	77.3 *	78 - 133	
Bromomethane	10.0	10.9	109	43 - 168	
Carbon disulfide	10.0	11.0	110	68 - 146	
Carbon tetrachloride	10.0	11.4	114	77 - 141	
Chlorobenzene	10.0	10.4	104	88 - 120	
Chloroethane	10.0	15.0	150 *	65 - 136	
Chloroform	10.0	10.4	104	82 - 128	
Chloromethane	10.0	8.99	89.9	43 - 155	
cis-1,2-Dichloroethylene	10.0	10.8	108	83 - 129	
cis-1,3-Dichloropropylene	10.0	10.1	101	80 - 131	
Cyclohexane	10.0	12.1	121	63 - 149	
Dibromochloromethane	10.0	8.81	88.1	80 - 130	
Dibromomethane	10.0	9.19	91.9	72 - 134	
Dichlorodifluoromethane	10.0	6.60	66.0	44 - 144	
Ethyl Benzene	10.0	11.6	116	80 - 131	
Hexachlorobutadiene	10.0	12.0	120	67 - 146	
Isopropylbenzene	10.0	12.4	124	76 - 140	
Methyl acetate	10.0	8.24	82.4	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	8.44	84.4	76 - 135	
Methylcyclohexane	10.0	11.9	119	72 - 143	
Methylene chloride	10.0	7.46	74.6	55 - 137	
Naphthalene	10.0	8.06	80.6	70 - 147	
n-Butylbenzene	10.0	10.4	104	79 - 132	
n-Propylbenzene	10.0	12.2	122	78 - 133	
o-Xylene	10.0	11.5	115	78 - 130	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Water		
Batch:	BB60750	Laboratory ID:	BB60750-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
p- & m- Xylenes	20.0	23.0	115	77 - 133	
p-Diethylbenzene	10.0	12.6	126	84 - 134	
p-Ethyltoluene	10.0	12.3	123	88 - 129	
p-Isopropyltoluene	10.0	13.0	130	81 - 136	
sec-Butylbenzene	10.0	12.6	126	79 - 137	
Styrene	10.0	11.0	110	67 - 132	
tert-Butyl alcohol (TBA)	50.0	46.4	92.8	25 - 162	
tert-Butylbenzene	10.0	10.7	107	77 - 138	
Tetrachloroethylene	10.0	10.4	104	82 - 131	
Toluene	10.0	11.3	113	80 - 127	
trans-1,2-Dichloroethylene	10.0	11.9	119	80 - 132	
trans-1,3-Dichloropropylene	10.0	10.1	101	78 - 131	
Trichloroethylene	10.0	11.3	113	82 - 128	
Trichlorofluoromethane	10.0	12.4	124	67 - 139	
Vinyl Chloride	10.0	10.4	104	58 - 145	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Water		
Batch:	BB60750	Laboratory ID:	BB60750-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
1,1,1,2-Tetrachloroethane	10.0	9.79	97.9	1.12	30	82 - 126	
1,1,1-Trichloroethane	10.0	10.9	109	7.95	30	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	8.73	87.3	8.10	30	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.6	116	8.15	30	54 - 165	
1,1,2-Trichloroethane	10.0	9.57	95.7	6.47	30	82 - 123	
1,1-Dichloroethane	10.0	10.3	103	5.96	30	82 - 129	
1,1-Dichloroethylene	10.0	10.7	107	8.23	30	68 - 138	
1,2,3-Trichlorobenzene	10.0	8.74	87.4	3.73	30	76 - 136	
1,2,3-Trichloropropane	10.0	8.75	87.5	6.61	30	77 - 128	
1,2,4-Trichlorobenzene	10.0	9.08	90.8	0.331	30	76 - 137	
1,2,4-Trimethylbenzene	10.0	9.92	99.2	15.0	30	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	8.30	83.0	10.9	30	45 - 147	
1,2-Dibromoethane	10.0	9.91	99.1	8.96	30	83 - 124	
1,2-Dichlorobenzene	10.0	9.06	90.6	4.43	30	79 - 123	
1,2-Dichloroethane	10.0	10.2	102	7.21	30	73 - 132	
1,2-Dichloropropane	10.0	9.70	97.0	3.64	30	78 - 126	
1,3,5-Trimethylbenzene	10.0	9.96	99.6	17.0	30	80 - 131	
1,3-Dichlorobenzene	10.0	9.25	92.5	10.7	30	86 - 122	
1,3-Dichloropropane	10.0	9.79	97.9	6.76	30	81 - 125	
1,4-Dichlorobenzene	10.0	9.29	92.9	8.75	30	85 - 124	
2-Butanone	10.0	51.8	518 *	1.50	30	49 - 152	
2-Hexanone	10.0	42.8	428 *	30.1 *	30	51 - 146	
4-Methyl-2-pentanone	10.0	44.3	443 *	23.9	30	57 - 145	
Acetone	10.0	44.6	446 *	20.6	30	14 - 150	
Acrolein	40.0	37.4	93.4	15.1	30	10 - 153	
Acrylonitrile	10.0	10.8	108	9.92	30	51 - 150	
Benzene	10.0	10.4	104	5.78	30	85 - 126	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Water		
Batch:	BB60750	Laboratory ID:	BB60750-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
Bromochloromethane	10.0	9.77	97.7		4.82	30	77 - 128	
Bromodichloromethane	10.0	9.77	97.7		0.409	30	79 - 128	
Bromoform	10.0	8.73	87.3		12.2	30	78 - 133	
Bromomethane	10.0	10.8	108		1.29	30	43 - 168	
Carbon disulfide	10.0	10.1	101		9.38	30	68 - 146	
Carbon tetrachloride	10.0	10.4	104		9.17	30	77 - 141	
Chlorobenzene	10.0	9.82	98.2		5.45	30	88 - 120	
Chloroethane	10.0	14.6	146	*	2.63	30	65 - 136	
Chloroform	10.0	10.1	101		3.80	30	82 - 128	
Chloromethane	10.0	8.47	84.7		5.96	30	43 - 155	
cis-1,2-Dichloroethylene	10.0	10.4	104		3.57	30	83 - 129	
cis-1,3-Dichloropropylene	10.0	10.0	100		0.298	30	80 - 131	
Cyclohexane	10.0	11.0	110		9.52	30	63 - 149	
Dibromochloromethane	10.0	9.33	93.3		5.73	30	80 - 130	
Dibromomethane	10.0	9.99	99.9		8.34	30	72 - 134	
Dichlorodifluoromethane	10.0	5.99	59.9		9.69	30	44 - 144	
Ethyl Benzene	10.0	10.7	107		8.78	30	80 - 131	
Hexachlorobutadiene	10.0	10.1	101		17.4	30	67 - 146	
Isopropylbenzene	10.0	10.3	103		18.8	30	76 - 140	
Methyl acetate	10.0	10.6	106		24.7	30	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	10.2	102		18.8	30	76 - 135	
Methylcyclohexane	10.0	10.2	102		15.1	30	72 - 143	
Methylene chloride	10.0	7.57	75.7		1.46	30	55 - 137	
Naphthalene	10.0	8.88	88.8		9.68	30	70 - 147	
n-Butylbenzene	10.0	8.58	85.8		19.2	30	79 - 132	
n-Propylbenzene	10.0	10.1	101		19.2	30	78 - 133	
o-Xylene	10.0	10.9	109		5.81	30	78 - 130	
p- & m- Xylenes	20.0	20.9	105		9.39	30	77 - 133	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Water		
Batch:	BB60750	Laboratory ID:	BB60750-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
p-Diethylbenzene	10.0	10.5	105	18.1	30	84 - 134	
p-Ethyltoluene	10.0	10.2	102	18.6	30	88 - 129	
p-Isopropyltoluene	10.0	10.8	108	18.7	30	81 - 136	
sec-Butylbenzene	10.0	10.4	104	19.2	30	79 - 137	
Styrene	10.0	10.7	107	2.76	30	67 - 132	
tert-Butyl alcohol (TBA)	50.0	49.4	98.9	6.36	30	25 - 162	
tert-Butylbenzene	10.0	8.94	89.4	17.6	30	77 - 138	
Tetrachloroethylene	10.0	9.24	92.4	11.7	30	82 - 131	
Toluene	10.0	10.3	103	9.56	30	80 - 127	
trans-1,2-Dichloroethylene	10.0	11.1	111	6.52	30	80 - 132	
trans-1,3-Dichloropropylene	10.0	10.0	100	0.298	30	78 - 131	
Trichloroethylene	10.0	9.95	99.5	12.4	30	82 - 128	
Trichlorofluoromethane	10.0	11.4	114	8.32	30	67 - 139	
Vinyl Chloride	10.0	9.66	96.6	7.38	30	58 - 145	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Instrument ID:	MSVOA7	Calibration:	SB60017
Lab File ID:	V7-55353.D	Calibration Date:	02/09/26 07:00
Sequence:	S6B1333	Injection Date:	02/13/26
Lab Sample ID:	S6B1333-CCV1	Injection Time:	07:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	10.0	9.34	1.427472	1.333569		-6.6	20	
1,1,1-Trichloroethane	A	10.0	11.7	4.316811	5.04936	0.1	17.0	20	
1,1,2,2-Tetrachloroethane	A	10.0	8.83	0.4483313	0.3958059	0.3	-11.7	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) X	A	10.0	15.5	2.618327	4.052091	0.1	54.8	20 *	
1,1,2-Trichloroethane	A	10.0	9.34	0.933844	0.8719826	0.1	-6.6	20	
1,1-Dichloroethane	A	10.0	10.5	5.673247	5.936934	0.2	4.6	20	
1,1-Dichloroethylene X	A	10.0	13.1	4.437488	5.805247	0.1	30.8	20 *	
1,2,3-Trichlorobenzene	A	10.0	9.15	0.7424463	0.6795749		-8.5	20	
1,2,3-Trichloropropane	A	10.0	8.85	0.1253731	0.1109481		-11.5	20	
1,2,4-Trichlorobenzene	A	10.0	9.48	0.9302117	0.8817377	0.2	-5.2	20	
1,2,4-Trimethylbenzene	A	10.0	10.6	2.987245	3.180264		6.5	20	
1,2-Dibromo-3-chloropropane	A	10.0	8.53	0.0600971	5.125065E-02	0.05	-14.7	20	
1,2-Dibromoethane	A	10.0	9.30	0.8279017	0.7700003	0.1	-7.0	20	
1,2-Dichlorobenzene	A	10.0	9.40	1.448928	1.361655	0.4	-6.0	20	
1,2-Dichloroethane	A	10.0	9.89	2.772888	2.741005	0.1	-1.1	20	
1,2-Dichloropropane	A	10.0	9.55	1.565548	1.495225	0.1	-4.5	20	
1,3,5-Trimethylbenzene	A	10.0	10.7	2.963686	3.169363		6.9	20	
1,3-Dichlorobenzene	A	10.0	9.81	1.687384	1.655889	0.6	-1.9	20	
1,3-Dichloropropane	A	10.0	9.20	1.601825	1.474449		-8.0	20	
1,4-Dichlorobenzene	A	10.0	9.61	1.633047	1.569063	0.5	-3.9	20	
2-Butanone	A	10.0	51.6	0.2650899	0.2860279	0.1	7.9	20	
2-Hexanone	A	10.0	40.1	0.3173164	0.2902814	0.1	-8.5	20	
4-Methyl-2-pentanone	A	10.0	38.1	0.4892631	0.4212969	0.1	-13.9	20	
Acetone X	A	10.0	50.1	0.1484683	0.1239367	0.1	401	20 *	
Acrolein	A	25.0	40.1	0.2749293	0.3718625		60.2	20 *	
Acrylonitrile	A	50.0	47.1	0.381299	0.3595056		-5.7	20	
Benzene	A	10.0	10.6	12.8981	13.72671	0.5	6.4	20	
Bromochloromethane	A	10.0	9.68	1.913457	1.853169		-3.2	20	
Bromodichloromethane	A	10.0	9.39	1.891906	1.776944	0.2	-6.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Instrument ID:	MSVOA7	Calibration:	SB60017
Lab File ID:	V7-55353.D	Calibration Date:	02/09/26 07:00
Sequence:	S6B1333	Injection Date:	02/13/26
Lab Sample ID:	S6B1333-CCV1	Injection Time:	07:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Bromoform	A	10.0	8.22	0.5801447	0.4770042	0.1	-17.8	20	
Bromomethane	A	10.0	9.58	2.474239	2.370697	0.1	-4.2	20	
Carbon disulfide X	A	10.0	12.3	10.90224	13.42418	0.1	23.1	20 *	
Carbon tetrachloride	A	10.0	11.7	3.509203	4.109654	0.1	17.1	20	
Chlorobenzene	A	10.0	9.72	4.720799	4.590289	0.5	-2.8	20	
Chloroethane	A	10.0	11.8	1.879182	2.225661	0.1	18.4	20	
Chloroform	A	10.0	10.2	5.344279	5.428196	0.2	1.6	20	
Chloromethane	A	10.0	10.2	4.020097	4.092209	0.1	1.8	20	
cis-1,2-Dichloroethylene	A	10.0	10.3	4.068675	4.19114	0.1	3.0	20	
cis-1,3-Dichloropropylene	A	10.0	9.88	2.090207	2.064248	0.2	-1.2	20	
Cyclohexane X	A	10.0	14.2	4.184141	5.962192	0.1	42.5	20 *	
Dibromochloromethane	A	10.0	9.01	1.115154	1.00477	0.1	-9.9	20	
Dibromomethane	A	10.0	9.31	0.6230968	0.5802588		-6.9	20	
Dichlorodifluoromethane	A	10.0	11.4	2.633098	3.441146	0.1	14.4	20	
Ethyl Benzene	A	10.0	10.6	8.053459	8.549701	0.1	6.2	20	
Hexachlorobutadiene	A	10.0	11.4	0.4494117	0.5146673		14.5	20	
Isopropylbenzene	A	10.0	11.3	3.402959	3.850296	0.1	13.1	20	
Methyl acetate	A	10.0	10.3	0.2019959	0.2079019	0.1	2.9	20	
Methyl tert-butyl ether (MTBE)	A	10.0	10.3	5.599526	5.773961	0.1	3.1	20	
Methylcyclohexane X	A	10.0	13.3	2.24295	3.201816	0.1	32.8	20 *	
Methylene chloride X	A	10.0	7.79	5.363729	4.178569	0.1	-22.1	20 *	
Naphthalene	A	10.0	9.15	1.325962	1.213745		-8.5	20	
n-Butylbenzene	A	10.0	11.5	3.512213	4.024649		14.6	20	
n-Propylbenzene	A	10.0	11.1	4.308637	4.775393		10.8	20	
o-Xylene	A	10.0	10.6	5.828257	6.198195	0.3	6.3	20	
p- & m- Xylenes	A	20.0	20.6	5.911886	6.389096	0.1	8.1	20	
p-Diethylbenzene	A	10.0	11.4	1.59632	1.825258		14.3	20	
p-Ethyltoluene	A	10.0	11.1	3.582082	3.97523		11.0	20	
p-Isopropyltoluene	A	10.0	11.6	3.075724	3.575005		16.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Instrument ID:	MSVOA7	Calibration:	SB60017
Lab File ID:	V7-55353.D	Calibration Date:	02/09/26 07:00
Sequence:	S6B1333	Injection Date:	02/13/26
Lab Sample ID:	S6B1333-CCV1	Injection Time:	07:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
sec-Butylbenzene	A	10.0	11.8	3.672421	4.343901		18.3	20	
Styrene	A	10.0	10.4	4.508292	4.685636	0.3	3.9	20	
tert-Butyl alcohol (TBA)	A	50.0	50.3	0.2059107	0.2026382		-1.6	20	
tert-Butylbenzene	A	10.0	11.1	2.774849	3.082504		11.1	20	
Tetrachloroethylene	A	10.0	10.2	1.895468	1.939414	0.2	2.3	20	
Toluene	A	10.0	10.2	7.437801	7.548171	0.4	1.5	20	
trans-1,2-Dichloroethylene	A	10.0	11.7	4.791448	5.588639	0.1	16.6	20	
trans-1,3-Dichloropropylene	A	10.0	9.88	2.090207	2.064248	0.1	-1.2	20	
Trichloroethylene	A	10.0	10.2	1.786321	1.826011	0.2	2.2	20	
Trichlorofluoromethane X	A	10.0	14.3	4.019776	5.734084	0.1	42.6	20 *	
Vinyl Chloride	A	10.0	11.9	3.89569	4.619337	0.1	18.6	20	
Xylenes, Total	A	30.0	31.3	5.917003	6.325462		6.9	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles Data
for ALS Environmental, SDG: 26B0519

1 Ground Water Sample and 1 Field Blank
Collected February 11, 2026

Prepared by: Donald Anné
April 6, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for applicable compounds were above the method minimums, as required.

The %RSD for 2,4-dinitrophenol was above the allowable maximum (30%) for BNA7 on 01-28-26. Positive results for 2,4-dinitrophenol should be considered estimated (J) in associated samples.

Continuing Calibration: The %Ds for 13 compounds (marked with a red X on attached FORM VII) were above the method maximum on 02-16-26 (E70362481.D).

The RRF for caprolactam was below the method minimum and below the allowable minimum (0.010) on 02-16-26 (E70362481.D). This calibration was not method compliant and samples should have been re-analyzed with a compliant calibration. Positive results for caprolactam should be considered estimated (J) and "not detected" results rejected, unusable (R) in associated samples.

The %Ds for 15 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 02-16-26 (E70362481.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and field blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: One of three acid extractable surrogate recoveries for sample FB was below control limits, but not below 10%. No action is taken on one surrogate recovery per fraction outside control limits, provided no recovery is less than 10%.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Two of three base/neutral surrogate recoveries for samples 26MW-1 and FB were below control limits, but not below 10%. Positive results for base/neutral compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) for these samples.

Laboratory Control Sample: The relative percent difference for pyridine was above the allowable maximum and 2 of 2 percent recoveries (%Rs) for 4-nitrophenol, benzaldehyde, and phenol, and 1 of 2 %Rs for pyridine were below QC limits and below 30% for aqueous samples BB60793-BS1/BSD1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

One of two %Rs for 2,6-dinitrotoluene was below QC limits, but not below 30% for aqueous samples BB60793-BS1/BSD1. Positive results for 2,6-dinitrotoluene should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Compound ID: Checked surrogate results were within quantitation limits. The analysis of the ground water sample reported target compounds as not detected.

FORM II SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Sequence:	S6B1635	Instrument:	BNA7
Batch:	BB60793	Calibration:	SA60037

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BB60793-BS1)			Lab File ID: E70362484.D		Analyzed: 02/16/26 11:32			
SURR: 2-Fluorophenol	50.0	19.8	19.7 - 63.1	3.784	3.76075	0.0233	+/-0.50	
SURR: Phenol-d6	50.0	11.6	10.1 - 41.7	4.569	4.55275	0.0163	+/-0.50	
SURR: Nitrobenzene-d5	25.0	32.6	50.2 - 113	5.255	5.25875	-0.0038	+/-0.50	*
SURR: 2-Fluorobiphenyl	25.0	34.8	39.9 - 105	6.757	6.759125	-0.0021	+/-0.50	*
SURR: 2,4,6-Tribromophenol	50.0	49.7	39.3 - 151	8.525	8.507875	0.0171	+/-0.50	
SURR: Terphenyl-d14	25.0	52.7	30.7 - 106	12.022	11.98775	0.0343	+/-0.50	
LCS Dup (BB60793-BSD1)			Lab File ID: E70362485.D		Analyzed: 02/16/26 12:06			
SURR: 2-Fluorophenol	50.0	17.6	19.7 - 63.1	3.778	3.76075	0.0173	+/-0.50	*
SURR: Phenol-d6	50.0	10.3	10.1 - 41.7	4.563	4.55275	0.0103	+/-0.50	
SURR: Nitrobenzene-d5	25.0	30.8	50.2 - 113	5.255	5.25875	-0.0038	+/-0.50	*
SURR: 2-Fluorobiphenyl	25.0	33.4	39.9 - 105	6.751	6.759125	-0.0081	+/-0.50	*
SURR: 2,4,6-Tribromophenol	50.0	46.3	39.3 - 151	8.514	8.507875	0.0061	+/-0.50	
SURR: Terphenyl-d14	25.0	49.1	30.7 - 106	12.01	11.98775	0.0222	+/-0.50	
26MW-1 (26B0519-01)			Lab File ID: E70362487.D		Analyzed: 02/16/26 13:15			
SURR: 2-Fluorophenol	62.5	24.6	19.7 - 63.1	3.772	3.76075	0.0113	+/-0.50	
SURR: Phenol-d6	62.5	15.4	10.1 - 41.7	4.563	4.55275	0.0103	+/-0.50	
SURR: Nitrobenzene-d5	31.2	33.4	50.2 - 113	5.25	5.25875	-0.0088	+/-0.50	*
SURR: 2-Fluorobiphenyl	31.2	36.4	39.9 - 105	6.745	6.759125	-0.0141	+/-0.50	*
SURR: 2,4,6-Tribromophenol	62.5	49.1	39.3 - 151	8.513	8.507875	0.0051	+/-0.50	
SURR: Terphenyl-d14	31.2	46.6	30.7 - 106	12.022	11.98775	0.0343	+/-0.50	
FB (26B0519-02)			Lab File ID: E70362488.D		Analyzed: 02/16/26 13:49			
SURR: 2-Fluorophenol	50.0	19.2	19.7 - 63.1	3.772	3.76075	0.0113	+/-0.50	*
SURR: Phenol-d6	50.0	10.1	10.1 - 41.7	4.557	4.55275	0.0043	+/-0.50	
SURR: Nitrobenzene-d5	25.0	35.8	50.2 - 113	5.25	5.25875	-0.0088	+/-0.50	*
SURR: 2-Fluorobiphenyl	25.0	36.4	39.9 - 105	6.745	6.759125	-0.0141	+/-0.50	*
SURR: 2,4,6-Tribromophenol	50.0	41.8	39.3 - 151	8.519	8.507875	0.0111	+/-0.50	
SURR: Terphenyl-d14	25.0	46.9	30.7 - 106	12.01	11.98775	0.0222	+/-0.50	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Water		
Batch:	BB60793	Laboratory ID:	BB60793-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.	Q
1,1-Biphenyl	25.0	9.24	37.0	33 - 95	
1,2,4,5-Tetrachlorobenzene	25.0	8.99	36.0	26 - 120	
2,3,4,6-Tetrachlorophenol	25.0	11.6	46.3	30 - 130	
2,4,5-Trichlorophenol	25.0	9.74	39.0	32 - 114	
2,4,6-Trichlorophenol	25.0	10.1	40.6	35 - 118	
2,4-Dichlorophenol	25.0	9.66	38.6	25 - 116	
2,4-Dimethylphenol	25.0	11.2	44.9	15 - 116	
2,4-Dinitrophenol	25.0	11.6	46.6	10 - 170	
2,4-Dinitrotoluene	25.0	13.1	52.3	41 - 128	
2,6-Dinitrotoluene	25.0	12.1	48.2	45 - 116	
2-Chloronaphthalene	25.0	8.72	34.9	33 - 112	
2-Chlorophenol	25.0	8.86	35.4	15 - 120	
2-Methylnaphthalene	25.0	8.45	33.8	24 - 118	
2-Methylphenol	25.0	8.22	32.9	10 - 110	
2-Nitroaniline	25.0	11.4	45.8	34 - 129	
2-Nitrophenol	25.0	9.19	36.8	28 - 118	
3- & 4-Methylphenols	25.0	6.26	25.0	10 - 107	
3,3-Dichlorobenzidine	25.0	9.58	38.3	15 - 187	
3-Nitroaniline	25.0	9.32	37.3	24 - 134	
4,6-Dinitro-2-methylphenol	25.0	14.2	56.7	10 - 153	
4-Bromophenyl phenyl ether	25.0	11.0	43.9	34 - 120	
4-Chloro-3-methylphenol	25.0	11.2	44.8	20 - 120	
4-Chloroaniline	25.0	6.70	26.8	10 - 147	
4-Chlorophenyl phenyl ether	25.0	10.6	42.3	27 - 121	
4-Nitroaniline	25.0	11.3	45.1	13 - 134	
4-Nitrophenol	25.0	ND	0 *	10 - 131	
Acetophenone	25.0	9.98	39.9	25 - 110	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Water		
Batch:	BB60793	Laboratory ID:	BB60793-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.	Q
Benzaldehyde	25.0	7.04	28.2 *	29 - 117	
Benzyl butyl phthalate	25.0	13.6	54.2	29 - 133	
Bis(2-chloroethoxy)methane	25.0	9.45	37.8	10 - 154	
Bis(2-chloroethyl)ether	25.0	8.86	35.4	17 - 125	
Bis(2-chloroisopropyl)ether	25.0	8.15	32.6	10 - 139	
Caprolactam	25.0	10.1	40.4	10 - 137	
Carbazole	25.0	13.1	52.5	42 - 126	
Dibenzofuran	25.0	10.1	40.6	36 - 113	
Diethyl phthalate	25.0	12.7	50.9	38 - 115	
Dimethyl phthalate	25.0	12.4	49.4	38 - 129	
Di-n-butyl phthalate	25.0	13.6	54.4	31 - 120	
Di-n-octyl phthalate	25.0	13.9	55.8	21 - 149	
Hexachlorocyclopentadiene	25.0	5.67	22.7	10 - 130	J
Isophorone	25.0	10.4	41.7	25 - 127	
N-nitroso-di-n-propylamine	25.0	9.21	36.8	26 - 122	
N-Nitrosodiphenylamine	25.0	12.1	48.6	23 - 149	
Phenol	25.0	ND	0 *	10 - 110	
Pyridine	35.0	5.44	15.5	10 - 90	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Water		
Batch:	BB60793	Laboratory ID:	BB60793-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
1,1-Biphenyl	25.0	8.70	34.8		6.02	20	33 - 95	
1,2,4,5-Tetrachlorobenzene	25.0	8.71	34.8		3.16	20	26 - 120	
2,3,4,6-Tetrachlorophenol	25.0	11.1	44.5		4.05	20	30 - 130	
2,4,5-Trichlorophenol	25.0	11.1	44.6		13.4	20	32 - 114	
2,4,6-Trichlorophenol	25.0	9.49	38.0		6.62	20	35 - 118	
2,4-Dichlorophenol	25.0	9.10	36.4		5.97	20	25 - 116	
2,4-Dimethylphenol	25.0	9.55	38.2		16.2	20	15 - 116	
2,4-Dinitrophenol	25.0	11.0	44.2		5.29	20	10 - 170	
2,4-Dinitrotoluene	25.0	11.9	47.7		9.20	20	41 - 128	
2,6-Dinitrotoluene	25.0	11.2	44.9	*	7.22	20	45 - 116	
2-Chloronaphthalene	25.0	8.48	33.9		2.79	20	33 - 112	
2-Chlorophenol	25.0	8.22	32.9		7.49	20	15 - 120	
2-Methylnaphthalene	25.0	7.97	31.9		5.85	20	24 - 118	
2-Methylphenol	25.0	7.29	29.2		12.0	20	10 - 110	
2-Nitroaniline	25.0	10.7	42.7		7.05	20	34 - 129	
2-Nitrophenol	25.0	8.71	34.8		5.36	20	28 - 118	
3- & 4-Methylphenols	25.0	5.61	22.4		11.0	20	10 - 107	
3,3-Dichlorobenzidine	25.0	8.93	35.7		7.02	20	15 - 187	
3-Nitroaniline	25.0	8.51	34.0		9.09	20	24 - 134	
4,6-Dinitro-2-methylphenol	25.0	13.1	52.4		7.85	20	10 - 153	
4-Bromophenyl phenyl ether	25.0	10.2	40.9		7.07	20	34 - 120	
4-Chloro-3-methylphenol	25.0	10.3	41.1		8.66	20	20 - 120	
4-Chloroaniline	25.0	5.66	22.6		16.8	20	10 - 147	
4-Chlorophenyl phenyl ether	25.0	10.1	40.3		4.75	20	27 - 121	
4-Nitroaniline	25.0	10.5	42.0		7.17	20	13 - 134	
4-Nitrophenol	25.0	ND	0	*		20	10 - 131	
Acetophenone	25.0	9.34	37.4		6.63	20	25 - 110	
Benzaldehyde	25.0	6.77	27.1	*	3.91	20	29 - 117	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Water		
Batch:	BB60793	Laboratory ID:	BB60793-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	Q
Benzyl butyl phthalate	25.0	12.1	48.6	11.1	20	29 - 133	
Bis(2-chloroethoxy)methane	25.0	8.97	35.9	5.21	20	10 - 154	
Bis(2-chloroethyl)ether	25.0	8.30	33.2	6.53	20	17 - 125	
Bis(2-chloroisopropyl)ether	25.0	7.74	31.0	5.16	20	10 - 139	
Caprolactam	25.0	9.11	36.4	10.4	20	10 - 137	
Carbazole	25.0	12.0	48.2	8.66	20	42 - 126	
Dibenzofuran	25.0	9.57	38.3	5.78	20	36 - 113	
Diethyl phthalate	25.0	11.3	45.3	11.7	20	38 - 115	
Dimethyl phthalate	25.0	10.9	43.8	12.1	20	38 - 129	
Di-n-butyl phthalate	25.0	12.4	49.8	8.98	20	31 - 120	
Di-n-octyl phthalate	25.0	12.4	49.5	11.9	20	21 - 149	
Hexachlorocyclopentadiene	25.0	5.46	21.8	3.77	20	10 - 130	J
Isophorone	25.0	9.68	38.7	7.46	20	25 - 127	
N-nitroso-di-n-propylamine	25.0	8.56	34.2	7.32	20	26 - 122	
N-Nitrosodiphenylamine	25.0	11.2	45.0	7.61	20	23 - 149	
Phenol	25.0	ND	0 *		20	10 - 110	
Pyridine	35.0	2.57	7.34 *	71.7 *	20	10 - 90	J

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: ALS Environmental - Stratford
SDG: 26B0519
Client: Vektor Consultants
Project: 32-10 38th Ave
Calibration: SA60037
Instrument: BNA7
Calibration Date: 01/28/26 00:16

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.661791	8.559767	6.846571	4.730002E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4985413	11.33736	6.601571	5.236858E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.3533893	10.89222	5.786714	0.0532159			20	
1,2-Dichlorobenzene	1.7967	8.476993	4.947857	4.367265E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	1.371247	9.933897	8.331285	6.613392E-02			20	
1,3-Dichlorobenzene	1.823033	7.46075	4.749	1.213356E-02			20	
1,4-Dichlorobenzene	1.856792	8.014778	4.791714	5.985983E-02			20	
1-Methylnaphthalene	0.7335616	10.15596	6.513714	4.034763E-02			20	
2,3,4,6-Tetrachlorophenol	0.1678065	4.517582	7.910375	3.995586E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.4171089	7.59477	6.759875	0.0397399			SPCC (0.2)	
2,4,6-Trichlorophenol	0.4008466	6.264463	6.707	0.0474932			SPCC (0.2)	
2,4-Dichlorophenol	0.342008	9.030443	5.7345	5.398816E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.329697	9.767513	5.571125	4.956258E-02			SPCC (0.2)	
2,4-Dinitrophenol	0.1453365	32.21741	7.568	5.872662E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.4714234	4.818731	7.739	9.009562E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.3458795	4.775404	7.289428	6.412443E-02			SPCC (0.2)	
2-Chloronaphthalene	1.294259	8.97138	6.868714	4.140189E-02			SPCC (0.8)	
2-Chlorophenol	1.707872	7.585754	4.644625	0.0114574			SPCC (0.8)	
2-Methylnaphthalene	0.8648322	10.2514	6.413857	6.615239E-02			SPCC (0.4)	
2-Methylphenol	1.301409	8.469507	5.03625	0.0638438			SPCC (0.7)	
2-Nitroaniline	0.4795496	5.807419	7.018857	6.008813E-02			SPCC (0.01)	
2-Nitrophenol	0.2262201	6.79411	5.533375	0.0483761			SPCC (0.1)	
3- & 4-Methylphenols	2.042864	8.616395	5.154	0.0622928			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5371581	10.74637	14.12114	5.148549E-02			SPCC (0.01)	
3-Nitroaniline	0.4093226	5.916464	7.466	6.636646E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	0.1921117	19.25712	8.2675	0.0936007			SPCC (0.01)	
4-Bromophenyl phenyl ether	0.3419687	7.019354	8.816857	4.511192E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3858382	9.338282	6.32225	0.0500402			SPCC (0.2)	
4-Chloroaniline	0.501038	12.64208	5.903571	5.359974E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: ALS Environmental - Stratford
SDG: 26B0519
Client: Vektor Consultants
Project: 32-10 38th Ave
Calibration: SA60037
Instrument: BNA7
Calibration Date: 01/28/26 00:16

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorophenyl phenyl ether	0.7538335	8.56761	8.115429	5.619392E-02			SPCC (0.4)	
4-Nitroaniline	0.4299089	5.487527	8.243429	0.1111344			SPCC (0.01)	
4-Nitrophenol	0.3138076	5.650524	7.673	5.753848E-02			SPCC (0.01)	
Acenaphthene	1.307142	8.404818	7.513857	0.0537343			SPCC (0.9)	
Acenaphthylene	2.174593	8.66699	7.309	6.688012E-02			SPCC (0.9)	
Acetophenone	2.215676	10.33251	5.129	5.318639E-02			SPCC (0.01)	
Alpha Terpineol	0.3317678	12.26228	5.820857	7.214802E-02			20	
Aniline	2.008052	8.405367	4.552286	4.657217E-02			SPCC ()	
Anthracene	1.205881	8.562798	9.559286	5.749584E-02			SPCC (0.7)	
Atrazine	0.31956	11.15352	9.144571	8.326025E-02			SPCC (0.01)	
Benzaldehyde	1.149783	11.97869	4.430714	6.234896E-02			SPCC (0.01)	
Benzidine	0.5459955	16.31693	11.53729	5.004421E-02			20	
Benzo(a)anthracene	1.562731	7.655104	14.043	5.081032E-02			SPCC (0.8)	
Benzo(a)pyrene	1.405332	5.975332	16.94371	6.860264E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.477615	5.52425	16.31457	6.191824E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	1.29821	5.160523	19.433	7.803714E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.492493	7.714312	16.36286	6.901307E-02			SPCC (0.7)	
Benzoic acid	0.311249	11.42262	5.679429	0.3120168			20	
Benzyl alcohol	1.22906	8.088749	4.920572	9.504503E-02			20	
Benzyl butyl phthalate	0.7816948	5.892326	13.09886	5.444018E-02			20	
Bis(2-chloroethoxy)methane	0.4964869	11.6035	5.629714	0.0520449			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.676673	8.097392	4.593714	6.443145E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	2.286137	10.83341	5.032571	5.714222E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	1.046924	6.469146	14.44029	3.824761E-02			20	
Caprolactam	1.147703E-02	12.25493	6.321714	4.686445E-02			SPCC (0.01)	
Carbazole	1.234965	8.496338	9.780286	5.772765E-02			SPCC (0.01)	
Chrysene	1.510821	9.353467	14.13543	6.866421E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.299606	5.791484	19.05486	6.641865E-02			SPCC (0.4)	
Dibenzofuran	1.923811	8.643233	7.695571	4.426835E-02			SPCC (0.8)	
Diethyl phthalate	1.539356	9.192823	8.022429	8.370197E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: ALS Environmental - Stratford
SDG: 26B0519
Client: Vektor Consultants
Project: 32-10 38th Ave
Calibration: SA60037
Instrument: BNA7
Calibration Date: 01/28/26 00:16

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Dimethyl phthalate	1.519105	9.223359	7.197286	7.973494E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.376866	7.751148	10.33229	4.041886E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.826695	5.129747	15.76286	4.776465E-02			SPCC (0.01)	
Diphenylamine	0.9978658	8.406407	8.293857	7.888468E-02			20	
Fluoranthene	1.378762	7.515835	11.24029	5.026622E-02			SPCC (0.6)	
Fluorene	1.6351	8.575515	8.133428	6.868127E-02			SPCC (0.9)	
Hexachlorobenzene	0.1502909	8.883864	9.058572	5.856949E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1842798	8.623332	5.973572	5.555724E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.3034208	5.327561	6.612714	4.566448E-02			SPCC (0.05)	
Hexachloroethane	0.7123281	7.752982	5.195286	5.931892E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	1.27772	4.092208	19.00657	7.431028E-02			SPCC (0.5)	
Isophorone	0.8061365	11.13025	5.453	9.040998E-02			SPCC (0.4)	
Naphthalene	1.216557	11.14534	5.838714	5.060435E-02			SPCC (0.7)	
Nitrobenzene	0.4185472	10.3413	5.274714	5.845858E-02			SPCC (0.2)	
N-Nitrosodimethylamine	0.7847659	7.01308	2.562	0.135333			20	
N-nitroso-di-n-propylamine	1.32469	9.579866	5.147571	9.285256E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.3341429	8.720326	8.293857	7.888468E-02			SPCC (0.01)	
Parathion	0.1613992	4.029122	10.61814	5.407185E-02			20	
Pentachloronitrobenzene	9.517286E-02	5.455877	9.428714	5.061317E-02			20	
Pentachlorophenol	0.1599093	17.7026	9.33625	3.511012E-02			SPCC (0.05)	
Phenanthrene	1.328638	10.55001	9.506429	5.970243E-02			SPCC (0.7)	
Phenol	2.246878	7.789051	4.56375	8.388645E-02			SPCC (0.8)	
Pyrene	1.775711	9.320021	11.62857	6.566896E-02			SPCC (0.6)	
Pyridine	1.168394	10.75623	2.556714	0.2394149			20	
SURR: 2,4,6-Tribromophenol	0.1389265	4.131461	8.507875	5.534891E-02			20	
SURR: 2-Fluorobiphenyl	1.474292	9.726816	6.759125	4.221457E-02			20	
SURR: 2-Fluorophenol	1.409836	7.398822	3.76075	5.667272E-02			20	
SURR: Nitrobenzene-d5	0.4205508	9.338315	5.25875	6.117983E-02			20	
SURR: Phenol-d6	2.030584	7.503404	4.55275	5.737098E-02			20	
SURR: Terphenyl-d14	1.238349	7.896299	11.98775	5.687416E-02			20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Instrument ID:	BNA7	Calibration:	SA60037
Lab File ID:	E70362481.D	Calibration Date:	01/28/26 00:16
Sequence:	S6B1635	Injection Date:	02/16/26
Lab Sample ID:	S6B1635-CCV1	Injection Time:	08:45

COMPOUND	TYPE	CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	25.1	0.661791	0.5541582	0.01	-16.3	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	28.3	0.4985413	0.4699322	0.01	-5.7	20	
1,2,4-Trichlorobenzene	A	30.0	24.7	0.3533893	0.290685		-17.7	20	
1,2-Dichlorobenzene	A	30.0	25.0	1.7967	1.493971		-16.8	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	21.3	1.371247	0.9749552		-28.9	20 *	
1,3-Dichlorobenzene	A	30.0	25.4	1.823033	1.546356		-15.2	20	
1,4-Dichlorobenzene	A	30.0	24.9	1.856792	1.538408		-17.1	20	
1-Methylnaphthalene	A	30.0	24.6	0.7335616	0.6010902		-18.1	20	
2,3,4,6-Tetrachlorophenol X	A	30.0	23.9	0.1678065	0.1338806	0.01	-20.2	20 *	
2,4,5-Trichlorophenol	A	30.0	26.0	0.4171089	0.3618909	0.2	-13.2	20	
2,4,6-Trichlorophenol	A	30.0	25.8	0.4008466	0.3441573	0.2	-14.1	20	
2,4-Dichlorophenol	A	30.0	24.4	0.342008	0.2782076	0.2	-18.7	20	
2,4-Dimethylphenol	A	30.0	24.4	0.329697	0.2683122	0.2	-18.6	20	
2,4-Dinitrophenol	A	30.0	31.8	0.1453365	0.1542523	0.01	6.1	20	
2,4-Dinitrotoluene	A	30.0	26.7	0.4714234	0.4201351	0.2	-10.9	20	
2,6-Dinitrotoluene	A	30.0	27.0	0.3458795	0.3108002	0.2	-10.1	20	
2-Chloronaphthalene	A	30.0	25.1	1.294259	1.083404	0.8	-16.3	20	
2-Chlorophenol	A	30.0	24.8	1.707872	1.413834	0.8	-17.2	20	
2-Methylnaphthalene	A	30.0	24.6	0.8648322	0.708932	0.4	-18.0	20	
2-Methylphenol	A	30.0	24.4	1.301409	1.057374	0.7	-18.8	20	
2-Nitroaniline	A	30.0	26.8	0.4795496	0.4287609	0.01	-10.6	20	
2-Nitrophenol	A	30.0	26.3	0.2262201	0.1982448	0.1	-12.4	20	
3- & 4-Methylphenols	A	30.0	24.2	2.042864	1.650304	0.6	-19.2	20	
3,3-Dichlorobenzidine	A	30.0	25.9	0.5371581	0.4633628	0.01	-13.7	20	
3-Nitroaniline	A	30.0	26.0	0.4093226	0.3551721	0.01	-13.2	20	
4,6-Dinitro-2-methylphenol	A	30.0	30.1	0.1921117	0.1926062	0.01	0.3	20	
4-Bromophenyl phenyl ether	A	30.0	24.5	0.3419687	0.278798	0.1	-18.5	20	
4-Chloro-3-methylphenol	A	30.0	24.2	0.3858382	0.3107875	0.2	-19.5	20	
4-Chloroaniline	A	30.0	24.4	0.501038	0.4081166	0.01	-18.5	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Instrument ID:	BNA7	Calibration:	SA60037
Lab File ID:	E70362481.D	Calibration Date:	01/28/26 00:16
Sequence:	S6B1635	Injection Date:	02/16/26
Lab Sample ID:	S6B1635-CCV1	Injection Time:	08:45

COMPOUND	TYPE	CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	26.1	0.7538335	0.6555734	0.4	-13.0	20	
4-Nitroaniline	A	30.0	26.2	0.4299089	0.3756468	0.01	-12.6	20	
4-Nitrophenol X	A	30.0	21.5	0.3138076	0.2246309	0.01	-28.4	20 *	
Acenaphthene	A	30.0	25.4	1.307142	1.104641	0.9	-15.5	20	
Acenaphthylene	A	30.0	25.2	2.174593	1.826272	0.9	-16.0	20	
Acetophenone	A	30.0	26.1	2.215676	1.93096	0.01	-12.9	20	
Alpha Terpineol	A	30.0	21.6	0.3317678	0.2390992		-27.9	20 *	
Aniline	A	30.0	24.9	2.008052	1.666683		-17.0	20	
Anthracene	A	30.0	25.7	1.205881	1.033997	0.7	-14.3	20	
Atrazine	A	30.0	26.5	0.31956	0.2819706	0.01	-11.8	20	
Benzaldehyde	A	30.0	25.2	1.149783	0.9658867	0.01	-16.0	20	
Benzidine	A	30.0	23.4	0.5459955	0.4250232		-22.2	20 *	
Benzo(a)anthracene	A	30.0	26.1	1.562731	1.359168	0.8	-13.0	20	
Benzo(a)pyrene	A	30.0	26.5	1.405332	1.242697	0.7	-11.6	20	
Benzo(b)fluoranthene X	A	30.0	52.3	1.477615	2.576779	0.7	74.4	20 *	
Benzo(g,h,i)perylene	A	30.0	25.4	1.29821	1.097919	0.5	-15.4	20	
Benzo(k)fluoranthene X	A	30.0	51.8	1.492493	2.576779	0.7	72.6	20 *	
Benzoic acid	A	30.0	26.3	0.311249	0.2725266		-12.4	20	
Benzyl alcohol	A	30.0	24.0	1.22906	0.9827455		-20.0	20	
Benzyl butyl phthalate	A	30.0	26.0	0.7816948	0.6762446		-13.5	20	
Bis(2-chloroethoxy)methane X	A	30.0	23.8	0.4964869	0.3935288	0.3	-20.7	20 *	
Bis(2-chloroethyl)ether	A	30.0	25.2	1.676673	1.418856	0.7	-15.4	20	
Bis(2-chloroisopropyl)ether X	A	30.0	22.3	2.286137	1.699677	0.01	-25.7	20 *	
Bis(2-ethylhexyl)phthalate	A	30.0	26.2	1.046924	0.9130466		-12.8	20	
Caprolactam X	A	30.0	22.5	1.147703E-02	8.62241E-03	0.01	-24.9	20 *	
Carbazole	A	30.0	26.4	1.234965	1.086873	0.01	-12.0	20	
Chrysene	A	30.0	24.7	1.510821	1.243069	0.7	-17.7	20	
Dibenzo(a,h)anthracene	A	30.0	27.2	1.299606	1.178549	0.4	-9.3	20	
Dibenzofuran	A	30.0	25.4	1.923811	1.625845	0.8	-15.5	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Instrument ID:	BNA7	Calibration:	SA60037
Lab File ID:	E70362481.D	Calibration Date:	01/28/26 00:16
Sequence:	S6B1635	Injection Date:	02/16/26
Lab Sample ID:	S6B1635-CCV1	Injection Time:	08:45

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Diethyl phthalate	A	30.0	24.6	1.539356	1.262906	0.01	-18.0	20	
Dimethyl phthalate	A	30.0	25.4	1.519105	1.283862	0.01	-15.5	20	
Di-n-butyl phthalate	A	30.0	26.4	1.376866	1.212197	0.01	-12.0	20	
Di-n-octyl phthalate	A	30.0	27.3	1.826695	1.662886	0.01	-9.0	20	
Diphenylamine	A	30.0	23.2	0.9978658	0.7735097		-22.5	20 *	
Fluoranthene	A	30.0	26.3	1.378762	1.207977	0.6	-12.4	20	
Fluorene	A	30.0	25.4	1.6351	1.383353	0.9	-15.4	20	
Hexachlorobenzene X	A	30.0	21.4	0.1502909	0.1069506	0.1	-28.8	20 *	
Hexachlorobutadiene	A	30.0	24.7	0.1842798	0.1515476	0.01	-17.8	20	
Hexachlorocyclopentadiene	A	30.0	24.2	0.3034208	0.2450207	0.05	-19.2	20	
Hexachloroethane X	A	30.0	23.7	0.7123281	0.5635089	0.3	-20.9	20 *	
Indeno(1,2,3-cd)pyrene	A	30.0	33.2	1.27772	1.412105	0.5	10.5	20	
Isophorone X	A	30.0	23.3	0.8061365	0.6271305	0.4	-22.2	20 *	
Naphthalene	A	30.0	24.2	1.216557	0.9833456	0.7	-19.2	20	
Nitrobenzene X	A	30.0	22.7	0.4185472	0.3161461	0.2	-24.5	20 *	
N-Nitrosodimethylamine	A	30.0	26.0	0.7847659	0.6803235		-13.3	20	
N-nitroso-di-n-propylamine X	A	30.0	23.3	1.32469	1.028042	0.5	-22.4	20 *	
N-Nitrosodiphenylamine X	A	30.0	23.1	0.3341429	0.2573029	0.01	-23.0	20 *	
Parathion	A	30.0	27.4	0.1613992	0.1473415		-8.7	20	
Pentachloronitrobenzene	A	30.0	24.8	9.517286E-02	7.879773E-02		-17.2	20	
Pentachlorophenol	A	30.0	24.4	0.1599093	0.1298487	0.05	-18.8	20	
Phenanthrene	A	30.0	24.5	1.328638	1.085632	0.7	-18.3	20	
Phenol	A	30.0	24.8	2.246878	1.860781	0.8	-17.2	20	
Pyrene	A	30.0	24.8	1.775711	1.469113	0.6	-17.3	20	
Pyridine	A	30.0	26.8	1.168394	1.044404		-10.6	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E SIM Semi-Volatiles Data
for ALS Environmental, SDG: 26B0519

1 Gound Water Samples and 1 Field Blank
Collected February 11, 2026

Prepared by: Donald Anné
April 6, 2026

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 5 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 02-16-26 (E800089198.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and field blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Laboratory Control Sample: The percent recoveries (%R) for chrysene and hexachloroethane were above QC limits for aqueous sample BB60794-BS2. Positive results for chrysene and hexachloroethane should be considered estimated, biased high (J+) in the associated aqueous samples.

The %R for n-nitrosodimethylamine was below QC limits and below 30% for aqueous sample BB60794-BS2. Positive results for n-nitrosodimethylamine should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in in the associated aqueous samples.

Compound ID: The analysis of the ground water sample reported target compounds as not detected.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E SIM

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Water		
Batch:	BB60794	Laboratory ID:	BB60794-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.	Q
Acenaphthene	1.00	0.751	75.1	25 - 116	
Acenaphthylene	1.00	0.786	78.6	26 - 116	
Anthracene	1.00	0.718	71.8	25 - 123	
Benzo(a)anthracene	1.00	1.09	109	33 - 125	
Benzo(a)pyrene	1.00	0.945	94.5	32 - 132	
Benzo(b)fluoranthene	1.00	1.23	123	22 - 137	
Benzo(g,h,i)perylene	1.00	1.30	130	10 - 138	
Benzo(k)fluoranthene	1.00	1.25	125	20 - 137	
Bis(2-ethylhexyl)phthalate	1.00	1.56	156	10 - 189	
Chrysene	1.00	1.25	125 *	32 - 124	
Dibenzo(a,h)anthracene	1.00	1.22	122	16 - 133	
Fluoranthene	1.00	1.07	107	32 - 121	
Fluorene	1.00	0.819	81.9	28 - 118	
Hexachlorobenzene	1.00	0.919	91.9	23 - 124	
Hexachlorobutadiene	1.00	0.672	67.2	15 - 123	
Hexachloroethane	1.00	3.10	310 *	18 - 115	
Indeno(1,2,3-cd)pyrene	1.00	1.16	116	15 - 135	
Naphthalene	1.00	0.709	70.9	18 - 120	
Nitrobenzene	1.00	0.437	43.7	21 - 121	
N-Nitrosodimethylamine	1.00	ND	0 *	10 - 124	
Pentachlorophenol	1.00	0.701	70.1	10 - 156	
Phenanthrene	1.00	0.964	96.4	24 - 127	
Pyrene	1.00	1.17	117	31 - 132	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E SIM

Laboratory:	ALS Environmental - Stratford	SDG:	26B0519
Client:	Vektor Consultants	Project:	32-10 38th Ave
Instrument ID:	MSBNA8	Calibration:	SB60028
Lab File ID:	E800089198.D	Calibration Date:	02/13/26 00:24
Sequence:	S6B1632	Injection Date:	02/16/26
Lab Sample ID:	S6B1632-CCV1	Injection Time:	09:38

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Acenaphthene	A	1.00	0.961	1.083616	1.041029		-3.9	30	
Acenaphthylene	A	1.00	0.930	1.828733	1.70102		-7.0	30	
Anthracene	A	1.00	0.929	1.185214	1.101036		-7.1	30	
Atrazine	A	2.50	1.91	0.2300764	0.1757774		-23.6	30	
Benzo(a)anthracene	A	1.00	0.904	1.530612	1.383447		-9.6	30	
Benzo(a)pyrene	A	1.00	0.936	1.203491	1.125826		-6.5	30	
Benzo(b)fluoranthene	A	1.00	0.928	1.224013	1.135898		-7.2	30	
Benzo(g,h,i)perylene	A	1.00	0.929	1.233138	1.145454		-7.1	30	
Benzo(k)fluoranthene	A	1.00	0.938	1.261351	1.183263		-6.2	30	
Bis(2-ethylhexyl)phthalate	A	2.50	1.98	0.9986176	0.792419		-20.6	30	
Chrysene	A	1.00	0.936	1.338789	1.252984		-6.4	30	
Dibenzo(a,h)anthracene	A	1.00	0.921	1.275296	1.174511		-7.9	30	
Fluoranthene	A	1.00	0.890	1.448558	1.288919		-11.0	30	
Fluorene	A	1.00	0.940	1.501953	1.411614		-6.0	30	
Hexachlorobenzene	A	0.100	0.0750	0.2060244	0.1546177		-25.0	30	
Hexachlorobutadiene	A	2.50	1.96	0.1448195	0.1138298		-21.4	30	
Hexachloroethane	A	2.50	2.01	6.400577E-02	5.138189E-02		-19.7	30	
Indeno(1,2,3-cd)pyrene	A	1.00	0.928	1.517301	1.407909		-7.2	30	
Naphthalene	A	1.00	0.946	1.007584	0.9527138		-5.4	30	
Nitrobenzene	A	2.50	1.03	0.7542843	0.6213165		-17.6	30	
N-Nitrosodimethylamine	A	2.50	2.30	0.321426	0.2954438		-8.1	30	
Pentachlorophenol	A	1.50	0.913	0.1548114	9.423796E-02		-39.1	30 *	
Phenanthrene	A	1.00	0.942	1.133398	1.067522		-5.8	30	
Pyrene	A	1.00	0.983	1.397445	1.373983		-1.7	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data for
ALS Environmental, SDG: 26B0519

1 Ground Water Samples and 1 Field Blank
Collected February 11, 2026

Prepared by: Donald Anné
April 6, 2026

Holding Times: Samples were analyzed within the USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% all metals except Hg, 80-120% for Hg), as required.

CRDL Standard: The percent recoveries for applicable metals were within laboratory QC limits for the CRDL samples.

Blanks: The analyses of the method blanks reported target metals as below the MRLs, as required. Field blank FB contained aluminum (0.807 mg/L), calcium (1.55 mg/L), iron (0.403 mg/L), magnesium (0.872 mg/L), and manganese (0.00856 mg/L) above the MRLs. Positive results for these metals that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%) for the interference check samples.

Spike Sample Recovery: This data was not provided.

Laboratory Duplicate: This data was not provided.

Laboratory Control Sample: The percent recoveries for target metals were within control limits (80-120%) for total aqueous samples BB60882-BS1, BB60904-BS1, and BB60961-BS1, and dissolved aqueous samples BB60885-BS1, BB60988-BS1, and BB60989-BS1.

Serial Dilution: This data was not provided.

Dissolved vs Total: The dissolved metal results were less than the total result plus 10%, as required.

c:\users\andrea\validation\alpha\32-10 38th ave-26604\pdf\26b0519.met.docx

APPENDIX I

LABORATORY ANALYTICAL REPORTS & DATA USABILITY SUMMARY REPORT FOR SOIL VAPOR SAMPLES

LABORATORY ANALYTICAL REPORTS

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 05/16/2025
Client Project ID: 32-20 38th Avenue
York Project (SDG) No.: 25E0530

Report Date: 05/16/2025
Client Project ID: 32-20 38th Avenue
York Project (SDG) No.: 25E0530

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 08, 2025 and listed below. The project was identified as your project: **32-20 38th Avenue**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25E0530-01	25SV-1	Soil Vapor	05/07/2025	05/08/2025
25E0530-02	25SV-2	Soil Vapor	05/07/2025	05/08/2025
25E0530-03	25SV-3	Soil Vapor	05/07/2025	05/08/2025
25E0530-04	25SV-4	Soil Vapor	05/07/2025	05/08/2025
25E0530-05	25SV-5	Soil Vapor	05/07/2025	05/08/2025
25E0530-06	25SV-DUP-1	Soil Vapor	05/07/2025	05/08/2025
25E0530-07	25OA-1	Outdoor Ambient Ai	05/07/2025	05/08/2025

General Notes for York Project (SDG) No.: 25E0530

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 05/16/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 25SV-1 **York Sample ID:** 25E0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:01 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.3	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**1.1**		ug/m³	1.0	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**3.2**		ug/m³	1.4	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.76	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.19	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m³	1.4	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**1.8**		ug/m³	0.93	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.76	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.87	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.93	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.87	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	1.4	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.44	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:			

Sample Information

Client Sample ID: 25SV-1 **York Sample ID:** 25E0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:01 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**5.7**		ug/m³	0.56	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	1.5	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	3.0	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-10-1	**4-Methyl-2-pentanone**	**1.0**		ug/m³	0.77	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**46**		ug/m³	3.6	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**25**	TO-CCV	ug/m³	5.3	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**3.3**		ug/m³	0.60	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.98	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	1.9	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.73	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	**Carbon disulfide**	**20**		ug/m³	0.59	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**1.4**		ug/m³	0.30	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.87	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.50	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**11**		ug/m³	0.92	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**0.47**	TO-CCV	ug/m³	0.39	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.19	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.86	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**0.97**		ug/m³	0.65	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**13**		ug/m³	0.93	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SV-1 **York Sample ID:** 25E0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:01 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	*** Ethyl acetate**	**6.5**		ug/m³	1.4	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.6**		ug/m³	0.82	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.0	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**3.4**	CAL-E	ug/m³	2.8	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.77	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.68	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	3.9	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	2.0	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NJDEP-NY037		
142-82-5	**n-Heptane**	**2.0**		ug/m³	0.77	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**3.9**		ug/m³	0.66	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**2.2**		ug/m³	0.82	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**5.9**		ug/m³	1.6	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**1.6**		ug/m³	0.93	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:			
115-07-1	*** Propylene**	**3.5**		ug/m³	0.32	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.80	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**210**		ug/m³	1.3	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:			
108-88-3	**Toluene**	**5.4**		ug/m³	0.71	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.75	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.86	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**74**		ug/m³	0.25	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**160**		ug/m³	1.1	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25SV-1 **York Sample ID:** 25E0530-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:01 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.66	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.82	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.24	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1330-20-7	*** Xylenes, Total**	**8.1**		ug/m³	2.5	1.885	EPA TO-15	05/15/2025 09:16	05/15/2025 15:54	YR
							Certifications:			

Sample Information

Client Sample ID: 25SV-2 **York Sample ID:** 25E0530-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 1:57 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	13	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**12**		ug/m³	10	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**62**		ug/m³	14	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.6	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.9	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m³	14	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.3	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.6	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.7	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.3	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	13	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	8.7	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	14	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	4.4	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:			
78-93-3	2-Butanone	ND		ug/m³	5.6	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25SV-2 **York Sample ID:** 25E0530-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 1:57 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	15	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	30	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.7	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	Acetone	ND		ug/m³	36	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	53	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	Benzene	ND		ug/m³	6.0	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	9.8	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	13	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	20	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	7.3	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	5.9	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**8.3**		ug/m³	3.0	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	8.7	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	5.0	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**35**		ug/m³	9.2	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	Chloromethane	ND	TO-CCV, TO-LCS-L	ug/m³	3.9	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	**cis-1,2-Dichloroethylene**	**2.2**		ug/m³	1.9	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.6	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	6.5	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	16	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.3	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25SV-2 **York Sample ID:** 25E0530-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 1:57 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m³	14	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	8.2	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	Isopropanol	ND	CAL-E	ug/m³	28	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	7.7	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.8	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	39	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	20	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NJDEP-NY037		
142-82-5	n-Heptane	ND		ug/m³	7.7	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	n-Hexane	ND		ug/m³	6.7	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	o-Xylene	ND		ug/m³	8.2	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	p- & m- Xylenes	ND		ug/m³	16	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	9.3	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	3.2	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	8.0	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**5900**		ug/m³	13	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	11	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:			
108-88-3	**Toluene**	**7.8**		ug/m³	7.1	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.5	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.6	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**4200**		ug/m³	2.5	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3300**		ug/m³	11	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25SV-2 **York Sample ID:** 25E0530-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 1:57 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	6.6	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	8.3	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	2.4	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1330-20-7	* Xylenes, Total	ND		ug/m³	25	18.87	EPA TO-15	05/14/2025 10:16	05/14/2025 19:24	YR
							Certifications:			

Sample Information

Client Sample ID: 25SV-3 **York Sample ID:** 25E0530-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:08 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.3	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**1.7**		ug/m³	1.0	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**6.2**		ug/m³	1.4	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.76	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.19	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m³	1.4	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**3.8**		ug/m³	0.92	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.76	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.86	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	**1,3,5-Trimethylbenzene**	**1.2**		ug/m³	0.92	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.86	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.44	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:			
78-93-3	**2-Butanone**	**2.6**		ug/m³	0.55	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25SV-3 **York Sample ID:** 25E0530-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:08 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.5	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.9	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.76	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**98**		ug/m³	3.5	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	5.3	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**3.0**		ug/m³	0.60	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.97	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	1.9	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.72	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**15**		ug/m³	0.58	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**1.3**		ug/m³	0.29	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.86	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.49	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**2.2**		ug/m³	0.91	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	Chloromethane	ND	TO-CCV	ug/m³	0.39	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.19	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.85	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**1.2**		ug/m³	0.64	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**5.4**		ug/m³	0.92	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	*** Ethyl acetate**	**3.4**		ug/m³	1.3	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:			

Sample Information

Client Sample ID: 25SV-3 **York Sample ID:** 25E0530-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:08 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**1.9**		ug/m³	0.81	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.0	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**3.3**	CAL-E	ug/m³	2.8	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.76	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.67	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	3.9	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	2.0	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NJDEP-NY037			
142-82-5	**n-Heptane**	**3.1**		ug/m³	0.77	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**6.9**		ug/m³	0.66	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**3.3**		ug/m³	0.81	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**8.8**		ug/m³	1.6	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**3.1**		ug/m³	0.92	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:			
115-07-1	*** Propylene**	**4.9**		ug/m³	0.32	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.80	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**8.9**		ug/m³	1.3	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:			
108-88-3	**Toluene**	**5.0**		ug/m³	0.70	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.74	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.85	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**100**		ug/m³	0.25	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**390**		ug/m³	1.0	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.66	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SV-3 **York Sample ID:** 25E0530-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:08 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.82	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.24	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1330-20-7	*** Xylenes, Total**	**12**		ug/m³	2.4	1.867	EPA TO-15	05/15/2025 09:16	05/15/2025 17:28	YR
							Certifications:			

Sample Information

Client Sample ID: 25SV-4 **York Sample ID:** 25E0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:13 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.3	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**2.0**		ug/m³	1.0	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**12**		ug/m³	1.5	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.77	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.19	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m³	1.4	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**3.5**		ug/m³	0.94	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.77	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.88	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	**1,3,5-Trimethylbenzene**	**1.2**		ug/m³	0.94	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.88	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:			
106-46-7	**1,4-Dichlorobenzene**	**47**		ug/m³	1.1	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	1.4	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.45	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:			
78-93-3	**2-Butanone**	**25**		ug/m³	0.56	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25SV-4 **York Sample ID:** 25E0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:13 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**3.8**		ug/m³	1.6	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	3.0	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.78	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**450**		ug/m³	36	19.11	EPA TO-15	05/14/2025 10:16	05/14/2025 20:58	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**17**	TO-CCV	ug/m³	5.4	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**3.0**		ug/m³	0.61	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.99	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	2.0	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.74	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**3.0**		ug/m³	0.60	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.48**		ug/m³	0.30	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.88	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.50	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**1.1**		ug/m³	0.93	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**0.55**	TO-CCV	ug/m³	0.39	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.19	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.87	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.66	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**14**		ug/m³	0.95	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	*** Ethyl acetate**	**8.6**		ug/m³	1.4	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:			

Sample Information

Client Sample ID: 25SV-4 **York Sample ID:** 25E0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:13 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**1.6**		ug/m³	0.83	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.0	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**6.2**	CAL-E	ug/m³	2.8	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.78	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.69	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	4.0	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	2.0	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NJDEP-NY037			
142-82-5	**n-Heptane**	**2.3**		ug/m³	0.78	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**1.3**		ug/m³	0.67	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**2.9**		ug/m³	0.83	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**5.8**		ug/m³	1.7	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**3.2**		ug/m³	0.94	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:			
115-07-1	*** Propylene**	**3.9**		ug/m³	0.33	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.81	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**23**		ug/m³	1.3	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:			
108-88-3	**Toluene**	**11**		ug/m³	0.72	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.76	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.87	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**15**		ug/m³	0.26	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**350**		ug/m³	1.1	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.67	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SV-4 **York Sample ID:** 25E0530-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:13 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.84	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.24	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1330-20-7	*** Xylenes, Total**	**8.7**		ug/m³	2.5	1.911	EPA TO-15	05/15/2025 09:16	05/15/2025 18:15	YR
							Certifications:			

Sample Information

Client Sample ID: 25SV-5 **York Sample ID:** 25E0530-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:05 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.99	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.99	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.74	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m³	1.4	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**2.7**		ug/m³	0.89	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.74	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.84	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	**1,3,5-Trimethylbenzene**	**0.89**		ug/m³	0.89	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.84	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.43	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:			
78-93-3	**2-Butanone**	**20**		ug/m³	0.54	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25SV-5 **York Sample ID:** 25E0530-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:05 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**2.8**		ug/m³	1.5	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.8	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.75	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**430**		ug/m³	35	18.2	EPA TO-15	05/14/2025 10:16	05/14/2025 21:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**12**	TO-CCV	ug/m³	5.1	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**3.3**		ug/m³	0.58	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.94	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	1.9	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.71	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**2.3**		ug/m³	0.57	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.57**		ug/m³	0.29	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.84	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.48	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	0.89	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**0.56**	TO-CCV	ug/m³	0.38	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.83	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.63	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.90	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	*** Ethyl acetate**	**2.7**		ug/m³	1.3	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:			

Sample Information

Client Sample ID: 25SV-5 **York Sample ID:** 25E0530-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:05 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**1.1**		ug/m³	0.79	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**3.9**	CAL-E	ug/m³	2.7	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.75	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.66	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	3.8	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.9	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NJDEP-NY037			
142-82-5	**n-Heptane**	**1.2**		ug/m³	0.75	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	n-Hexane	ND		ug/m³	0.64	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**2.0**		ug/m³	0.79	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**4.3**		ug/m³	1.6	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**2.3**		ug/m³	0.89	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:			
115-07-1	*** Propylene**	**2.7**		ug/m³	0.31	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.78	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**1.6**		ug/m³	1.2	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:			
108-88-3	**Toluene**	**5.0**		ug/m³	0.69	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.72	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.83	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.24	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.0**		ug/m³	1.0	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.64	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: 25SV-5 **York Sample ID:** 25E0530-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:05 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.80	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1330-20-7	*** Xylenes, Total**	**6.2**		ug/m³	2.4	1.82	EPA TO-15	05/15/2025 09:16	05/15/2025 19:02	YR
							Certifications:			

Sample Information

Client Sample ID: 25SV-DUP-1 **York Sample ID:** 25E0530-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:16 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	12	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**12**		ug/m³	9.4	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**61**		ug/m³	13	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.4	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.0	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.7	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m³	13	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.5	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.0	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.9	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.5	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	11	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.9	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	12	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	4.0	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:			
78-93-3	2-Butanone	ND		ug/m³	5.1	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25SV-DUP-1 **York Sample ID:** 25E0530-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:16 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	14	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	27	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.0	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	Acetone	ND		ug/m³	33	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	49	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	Benzene	ND		ug/m³	5.5	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	8.9	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	12	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	18	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	6.7	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	5.4	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**7.6**		ug/m³	2.7	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	7.9	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	4.5	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**35**		ug/m³	8.4	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	Chloromethane	ND	TO-CCV, TO-LCS-L	ug/m³	3.6	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	**cis-1,2-Dichloroethylene**	**2.0**		ug/m³	1.7	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.8	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	5.9	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	15	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.5	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25SV-DUP-1 **York Sample ID:** 25E0530-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:16 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m³	12	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	7.5	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	Isopropanol	ND	CAL-E	ug/m³	25	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	7.0	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.2	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	36	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	18	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NJDEP-NY037		
142-82-5	n-Heptane	ND		ug/m³	7.0	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	n-Hexane	ND		ug/m³	6.1	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	o-Xylene	ND		ug/m³	7.5	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	p- & m- Xylenes	ND		ug/m³	15	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	8.5	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	3.0	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	7.3	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**7300**		ug/m³	23	34.4	EPA TO-15	05/15/2025 09:16	05/15/2025 19:49	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	10	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:			
108-88-3	**Toluene**	**7.1**		ug/m³	6.5	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.8	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.8	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**4100**		ug/m³	2.3	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3200**		ug/m³	9.7	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25SV-DUP-1 **York Sample ID:** 25E0530-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Soil Vapor	May 7, 2025 2:16 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	6.1	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	7.5	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	2.2	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1330-20-7	* Xylenes, Total	ND		ug/m³	22	17.2	EPA TO-15	05/14/2025 10:16	05/14/2025 22:31	YR
							Certifications:			

Sample Information

Client Sample ID: 25OA-1 **York Sample ID:** 25E0530-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Outdoor Ambient Air	May 7, 2025 1:48 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.69	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.78	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m³	0.75	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**1.3**		ug/m³	0.50	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	0.67	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.47	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	0.73	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	*** 2,2,4-Trimethylpentane**	**0.76**		ug/m³	0.24	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:			
78-93-3	**2-Butanone**	**3.1**		ug/m³	0.30	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25OA-1 **York Sample ID:** 25E0530-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Outdoor Ambient Air	May 7, 2025 1:48 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.83	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**37**		ug/m³	1.9	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	2.9	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**0.97**		ug/m³	0.32	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.52	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.68	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	1.0	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.39	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.32	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.51**		ug/m³	0.16	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.47	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.27	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	0.49	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**0.94**	TO-CCV, TO-LCS-L	ug/m³	0.21	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.10	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.35	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	0.86	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.50	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25OA-1 **York Sample ID:** 25E0530-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Outdoor Ambient Air	May 7, 2025 1:48 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	*** Ethyl acetate**	**3.4**		ug/m³	0.73	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.57**		ug/m³	0.44	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**2.6**	CAL-E	ug/m³	1.5	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	2.1	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.1	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NJDEP-NY037		
142-82-5	**n-Heptane**	**0.54**		ug/m³	0.41	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**0.82**		ug/m³	0.36	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**0.75**		ug/m³	0.44	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**1.9**		ug/m³	0.88	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**1.1**		ug/m³	0.50	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:			
115-07-1	*** Propylene**	**0.77**		ug/m³	0.17	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.43	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.69	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.60	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:			
108-88-3	**Toluene**	**2.1**		ug/m³	0.38	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.57	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: 25OA-1 **York Sample ID:** 25E0530-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E0530	32-20 38th Avenue	Outdoor Ambient Air	May 7, 2025 1:48 pm	05/08/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.36	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.44	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1330-20-7	*** Xylenes, Total**	**2.6**		ug/m³	1.3	1.012	EPA TO-15	05/14/2025 10:16	05/14/2025 17:51	YR
							Certifications:			

Analytical Batch Summary

Batch ID: BE51280 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25E0530-02	25SV-2	05/14/25
25E0530-04RE1	25SV-4	05/14/25
25E0530-05RE1	25SV-5	05/14/25
25E0530-06	25SV-DUP-1	05/14/25
25E0530-07	25OA-1	05/14/25
BE51280-BLK1	Blank	05/14/25
BE51280-BS1	LCS	05/14/25

Batch ID: BE51281 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25E0530-01	25SV-1	05/15/25
25E0530-03	25SV-3	05/15/25
25E0530-04	25SV-4	05/15/25
25E0530-05	25SV-5	05/15/25
25E0530-06RE1	25SV-DUP-1	05/15/25
BE51281-BLK1	Blank	05/15/25
BE51281-BS1	LCS	05/15/25
BE51281-DUP1	Duplicate	05/15/25

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51280 - EPA TO15 PREP											
Blank (BE51280-BLK1)											Prepared & Analyzed: 05/14/2025
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	1.9	"								
Acrylonitrile	ND	2.8	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	2.1	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51280 - EPA TO15 PREP											
Blank (BE51280-BLK1)											Prepared & Analyzed: 05/14/2025
Naphthalene	ND	1.0	ug/m³								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
Xylenes, Total	ND	1.3	"								
LCS (BE51280-BS1)											Prepared & Analyzed: 05/14/2025
1,1,1,2-Tetrachloroethane	9.80		ppbv	10.0		98.0	70-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	70-130				
1,1,2,2-Tetrachloroethane	9.02		"	10.0		90.2	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	70-130				
1,1,2-Trichloroethane	9.09		"	10.0		90.9	70-130				
1,1-Dichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethylene	10.4		"	10.0		104	70-130				
1,2,4-Trichlorobenzene	8.72		"	10.0		87.2	70-130				
1,2,4-Trimethylbenzene	9.88		"	10.0		98.8	70-130				
1,2-Dibromoethane	9.83		"	10.0		98.3	70-130				
1,2-Dichlorobenzene	10.8		"	10.0		108	70-130				
1,2-Dichloroethane	11.7		"	10.0		117	70-130				
1,2-Dichloropropane	8.76		"	10.0		87.6	70-130				
1,2-Dichlorotetrafluoroethane	7.72		"	10.0		77.2	70-130				
1,3,5-Trimethylbenzene	9.94		"	10.0		99.4	70-130				
1,3-Butadiene	9.90		"	10.0		99.0	70-130				
1,3-Dichlorobenzene	11.6		"	10.0		116	70-130				
1,3-Dichloropropane	9.53		"	10.0		95.3	70-130				
1,4-Dichlorobenzene	12.2		"	10.0		122	70-130				
1,4-Dioxane	9.98		"	10.0		99.8	70-130				
2,2,4-Trimethylpentane	11.0		"	10.0		110	70-130				
2-Butanone	9.69		"	10.0		96.9	70-130				
2-Hexanone	8.33		"	10.0		83.3	70-130				
3-Chloropropene	10.7		"	10.0		107	70-130				
4-Methyl-2-pentanone	8.45		"	10.0		84.5	70-130				
Acetone	9.74		"	10.0		97.4	70-130				
Acrylonitrile	10.4		"	10.0		104	70-130				
Benzene	10.6		"	10.0		106	70-130				
Benzyl chloride	8.87		"	10.0		88.7	70-130				
Bromodichloromethane	9.23		"	10.0		92.3	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51280 - EPA TO15 PREP											
LCS (BE51280-BS1)								Prepared & Analyzed: 05/14/2025			
Bromoform	13.1		ppbv	10.0		131	70-130	High Bias			
Bromomethane	11.4		"	10.0		114	70-130				
Carbon disulfide	11.0		"	10.0		110	70-130				
Carbon tetrachloride	11.9		"	10.0		119	70-130				
Chlorobenzene	9.81		"	10.0		98.1	70-130				
Chloroethane	11.3		"	10.0		113	70-130				
Chloroform	10.8		"	10.0		108	70-130				
Chloromethane	6.83		"	10.0		68.3	70-130	Low Bias			
cis-1,2-Dichloroethylene	10.6		"	10.0		106	70-130				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	70-130				
Cyclohexane	10.5		"	10.0		105	70-130				
Dibromochloromethane	10.6		"	10.0		106	70-130				
Dichlorodifluoromethane	10.5		"	10.0		105	70-130				
Ethyl acetate	9.53		"	10.0		95.3	70-130				
Ethyl Benzene	9.51		"	10.0		95.1	70-130				
Hexachlorobutadiene	15.7		"	10.0		157	70-130	High Bias			
Isopropanol	8.36		"	10.0		83.6	70-130				
Methyl Methacrylate	8.85		"	10.0		88.5	70-130				
Methyl tert-butyl ether (MTBE)	11.6		"	10.0		116	70-130				
Methylene chloride	9.89		"	10.0		98.9	70-130				
Naphthalene	9.51		"	10.0		95.1	70-130				
n-Heptane	9.91		"	10.0		99.1	70-130				
n-Hexane	10.5		"	10.0		105	70-130				
o-Xylene	9.33		"	10.0		93.3	70-130				
p- & m- Xylenes	18.3		"	20.0		91.6	70-130				
p-Ethyltoluene	10.2		"	10.0		102	70-130				
Propylene	8.91		"	10.0		89.1	70-130				
Styrene	9.97		"	10.0		99.7	70-130				
Tetrachloroethylene	11.9		"	10.0		119	70-130				
Tetrahydrofuran	9.88		"	10.0		98.8	70-130				
Toluene	9.48		"	10.0		94.8	70-130				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	70-130				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	70-130				
Trichloroethylene	9.41		"	10.0		94.1	70-130				
Trichlorofluoromethane (Freon 11)	11.1		"	10.0		111	70-130				
Vinyl acetate	9.49		"	10.0		94.9	70-130				
Vinyl bromide	12.2		"	10.0		122	70-130				
Vinyl Chloride	8.67		"	10.0		86.7	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51281 - EPA TO15 PREP											
Blank (BE51281-BLK1)											Prepared & Analyzed: 05/15/2025
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	1.9	"								
Acrylonitrile	ND	2.8	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	2.1	"								
Naphthalene	ND	1.0	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51281 - EPA TO15 PREP											
Blank (BE51281-BLK1)											Prepared & Analyzed: 05/15/2025
n-Heptane	ND	0.41	ug/m³								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
Xylenes, Total	ND	1.3	"								
LCS (BE51281-BS1)											Prepared & Analyzed: 05/15/2025
1,1,1,2-Tetrachloroethane	10.2		ppbv	10.0		102	70-130				
1,1,1-Trichloroethane	11.8		"	10.0		118	70-130				
1,1,2,2-Tetrachloroethane	9.21		"	10.0		92.1	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0		119	70-130				
1,1,2-Trichloroethane	9.43		"	10.0		94.3	70-130				
1,1-Dichloroethane	10.8		"	10.0		108	70-130				
1,1-Dichloroethylene	10.8		"	10.0		108	70-130				
1,2,4-Trichlorobenzene	9.31		"	10.0		93.1	70-130				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	70-130				
1,2-Dibromoethane	10.1		"	10.0		101	70-130				
1,2-Dichlorobenzene	11.2		"	10.0		112	70-130				
1,2-Dichloroethane	12.1		"	10.0		121	70-130				
1,2-Dichloropropane	8.98		"	10.0		89.8	70-130				
1,2-Dichlorotetrafluoroethane	8.24		"	10.0		82.4	70-130				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70-130				
1,3-Butadiene	10.3		"	10.0		103	70-130				
1,3-Dichlorobenzene	12.0		"	10.0		120	70-130				
1,3-Dichloropropane	9.78		"	10.0		97.8	70-130				
1,4-Dichlorobenzene	12.5		"	10.0		125	70-130				
1,4-Dioxane	10.3		"	10.0		103	70-130				
2,2,4-Trimethylpentane	11.4		"	10.0		114	70-130				
2-Butanone	10.1		"	10.0		101	70-130				
2-Hexanone	8.46		"	10.0		84.6	70-130				
3-Chloropropene	11.1		"	10.0		111	70-130				
4-Methyl-2-pentanone	8.65		"	10.0		86.5	70-130				
Acetone	10.2		"	10.0		102	70-130				
Acrylonitrile	10.8		"	10.0		108	70-130				
Benzene	11.0		"	10.0		110	70-130				
Benzyl chloride	8.99		"	10.0		89.9	70-130				
Bromodichloromethane	9.54		"	10.0		95.4	70-130				
Bromoform	13.7		"	10.0		137	70-130	High Bias			

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51281 - EPA TO15 PREP											
LCS (BE51281-BS1)								Prepared & Analyzed: 05/15/2025			
Bromomethane	12.0		ppbv	10.0		120	70-130				
Carbon disulfide	11.5		"	10.0		115	70-130				
Carbon tetrachloride	12.5		"	10.0		125	70-130				
Chlorobenzene	10.2		"	10.0		102	70-130				
Chloroethane	11.7		"	10.0		117	70-130				
Chloroform	11.3		"	10.0		113	70-130				
Chloromethane	7.33		"	10.0		73.3	70-130				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	70-130				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	70-130				
Cyclohexane	10.9		"	10.0		109	70-130				
Dibromochloromethane	11.0		"	10.0		110	70-130				
Dichlorodifluoromethane	10.8		"	10.0		108	70-130				
Ethyl acetate	9.84		"	10.0		98.4	70-130				
Ethyl Benzene	9.87		"	10.0		98.7	70-130				
Hexachlorobutadiene	16.7		"	10.0		167	70-130	High Bias			
Isopropanol	8.64		"	10.0		86.4	70-130				
Methyl Methacrylate	9.08		"	10.0		90.8	70-130				
Methyl tert-butyl ether (MTBE)	12.1		"	10.0		121	70-130				
Methylene chloride	10.3		"	10.0		103	70-130				
Naphthalene	10.0		"	10.0		100	70-130				
n-Heptane	10.3		"	10.0		103	70-130				
n-Hexane	10.9		"	10.0		109	70-130				
o-Xylene	9.69		"	10.0		96.9	70-130				
p- & m- Xylenes	19.1		"	20.0		95.5	70-130				
p-Ethyltoluene	10.6		"	10.0		106	70-130				
Propylene	8.81		"	10.0		88.1	70-130				
Styrene	10.4		"	10.0		104	70-130				
Tetrachloroethylene	12.6		"	10.0		126	70-130				
Tetrahydrofuran	10.2		"	10.0		102	70-130				
Toluene	9.79		"	10.0		97.9	70-130				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	70-130				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	70-130				
Trichloroethylene	9.72		"	10.0		97.2	70-130				
Trichlorofluoromethane (Freon 11)	11.6		"	10.0		116	70-130				
Vinyl acetate	9.62		"	10.0		96.2	70-130				
Vinyl bromide	12.8		"	10.0		128	70-130				
Vinyl Chloride	9.33		"	10.0		93.3	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51281 - EPA TO15 PREP											
Duplicate (BE51281-DUP1)	*Source sample: 25E0530-01 (25SV-1)								Prepared & Analyzed: 05/15/2025		
1,1,1,2-Tetrachloroethane	ND	1.3	ug/m³		ND					25	
1,1,1-Trichloroethane	1.1	1.0	"		1.1				0.00	25	
1,1,2,2-Tetrachloroethane	ND	1.3	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.3	1.4	"		3.2				4.44	25	
1,1,2-Trichloroethane	ND	1.0	"		ND					25	
1,1-Dichloroethane	ND	0.76	"		ND					25	
1,1-Dichloroethylene	ND	0.19	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.4	"		ND					25	
1,2,4-Trimethylbenzene	1.9	0.93	"		1.8				5.13	25	
1,2-Dibromoethane	ND	1.4	"		ND					25	
1,2-Dichlorobenzene	ND	1.1	"		ND					25	
1,2-Dichloroethane	ND	0.76	"		ND					25	
1,2-Dichloropropane	ND	0.87	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.3	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.93	"		ND					25	
1,3-Butadiene	ND	1.3	"		ND					25	
1,3-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Dichloropropane	ND	0.87	"		ND					25	
1,4-Dichlorobenzene	ND	1.1	"		ND					25	
1,4-Dioxane	ND	1.4	"		ND					25	
2,2,4-Trimethylpentane	ND	0.44	"		ND					25	
2-Butanone	5.6	0.56	"		5.7				1.98	25	
2-Hexanone	ND	1.5	"		ND					25	
3-Chloropropene	ND	3.0	"		ND					25	
4-Methyl-2-pentanone	0.93	0.77	"		1.0				8.00	25	
Acetone	46	3.6	"		46				0.00	25	
Acrylonitrile	25	5.3	"		25				0.165	25	
Benzene	3.4	0.60	"		3.3				3.57	25	
Benzyl chloride	ND	0.98	"		ND					25	
Bromodichloromethane	ND	1.3	"		ND					25	
Bromoform	ND	1.9	"		ND					25	
Bromomethane	ND	0.73	"		ND					25	
Carbon disulfide	21	0.59	"		20				2.86	25	
Carbon tetrachloride	1.4	0.30	"		1.4				0.00	25	
Chlorobenzene	ND	0.87	"		ND					25	
Chloroethane	ND	0.50	"		ND					25	
Chloroform	12	0.92	"		11				3.98	25	
Chloromethane	0.47	0.39	"		0.47				0.00	25	
cis-1,2-Dichloroethylene	ND	0.19	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.86	"		ND					25	
Cyclohexane	0.97	0.65	"		0.97				0.00	25	
Dibromochloromethane	ND	1.6	"		ND					25	
Dichlorodifluoromethane	13	0.93	"		13				2.92	25	
Ethyl acetate	6.5	1.4	"		6.5				1.05	25	
Ethyl Benzene	1.6	0.82	"		1.6				0.00	25	
Hexachlorobutadiene	ND	2.0	"		ND					25	
Isopropanol	3.5	2.8	"		3.4				2.70	25	
Methyl Methacrylate	ND	0.77	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.68	"		ND					25	
Methylene chloride	ND	3.9	"		ND					25	
Naphthalene	ND	2.0	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE51281 - EPA TO15 PREP											
Duplicate (BE51281-DUP1)	*Source sample: 25E0530-01 (25SV-1)								Prepared & Analyzed: 05/15/2025		
n-Heptane	2.0	0.77	ug/m³		2.0				0.00	25	
n-Hexane	3.9	0.66	"		3.9				0.00	25	
o-Xylene	2.2	0.82	"		2.2				0.00	25	
p- & m- Xylenes	6.0	1.6	"		5.9				1.38	25	
p-Ethyltoluene	1.7	0.93	"		1.6				5.71	25	
Propylene	3.5	0.32	"		3.5				0.922	25	
Styrene	ND	0.80	"		ND					25	
Tetrachloroethylene	210	1.3	"		210				1.53	25	
Tetrahydrofuran	ND	1.1	"		ND					25	
Toluene	5.3	0.71	"		5.4				1.32	25	
trans-1,2-Dichloroethylene	ND	0.75	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.86	"		ND					25	
Trichloroethylene	73	0.25	"		74				1.66	25	
Trichlorofluoromethane (Freon 11)	170	1.1	"		160				3.71	25	
Vinyl acetate	ND	0.66	"		ND					25	
Vinyl bromide	ND	0.82	"		ND					25	
Vinyl Chloride	ND	0.24	"		ND					25	

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 clientservices@yorklab.com www.yorklab.com 800-306-YORK 800-306-9675

Page 1 of 1

YORK Project No. 25E0530

YOUR Information	Report To:	Invoice To:
Company: Vector Consulting	Company:	Company:
Address: 37 W. 37th St - 6th Flr NY NY 10018	Address:	Address:
Phone: 347-871-0750	Phone:	Phone:
Contact: Engr Library	Contact:	Contact:
E-mail: Engr@vectorcs	E-mail: DKlein@vectorcs	E-mail: AP@vectorcs

YOUR Project Number

YOUR Project Name

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) ✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

David Klein

Samples Collected by: (print AND sign your name)

Air Matrix Codes

AI: Indoor Ambient Air
AO: Outdoor Amb. Air
AE: Vapor Extraction Well Process Gas/Effluent
AS: Soil Vapor/Sub-Slab

Samples From

- New York ✓
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sample Start	Sample End	Matrix	Canister Vacuum (inHg) Before	Canister Vacuum (inHg) After	Canister ID #	Flow Cont. ID #	Canister Size (L)	Analysis Requested
25SV-1	5/2/15 0625	5/7/15 1401	AS	-30	-8	20665	20939	6L	VOCs TO-15
25SV-2	5/7/15 0622	5/7/15 1357	AS	~30	-8	50316	19402	6L	
25SV-3	5/7/15 0628	5/7/15 1408	AS	-30	-8	37782	20942	6L	
25SV-4	5/7/15 0615	5/7/15 1413	AS	-30	-8	50965	20447	6L	
25SV-5	5/7/15 0618	5/7/15 1405	AS	-30	~8	50202	20452	6L	
25SV-DUP-1	5/7/15 0623	5/7/15 1416	AS	-30	-8	41936	19408	6L	
25OA-1	5/7/15 0620	5/7/15 1345	AO	~30	~8	51008	20236	6L	

Comments: 25SV DUP = parent sample 25SV-2

Container Ship Date:

Detection Limits Required

≤ 1 ug/m3 _____ NYSDEC V1 Limits ✓
Routine Survey _____ Other _____

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Vector	5/8/15 1700	KBahar K	5/8/25 12PM	KBahar K	5/8/25 1740
2. Samples Relinquished by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
FR	5/8/25 17:40	FR	5/8/25		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date / Time Temperature
				MH	5/9/25

Technical Report

prepared for:

Vektor Consultants
555 8th Avenue Suite 2302
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 02/19/2026
Client Project ID: 32-10 38th Ave
Project (SDG) No.: 26B0520

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.alsglobal.com/usaenviro (203) 325-1371 FAX (203) 357-0166 nastr.clientservices@alsglobal.com

Report Date: 02/19/2026
Client Project ID: 32-10 38th Ave
Project (SDG) No.: 26B0520

Vektor Consultants
555 8th Avenue Suite 2302
New York NY, 10018
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 12, 2026 and listed below. The project was identified as your project: **32-10 38th Ave**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

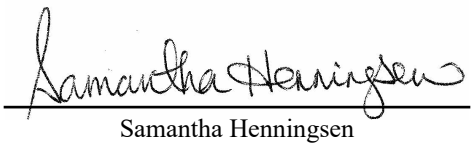
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26B0520-01	26SS-1	Soil Vapor	02/11/2026	02/12/2026
26B0520-02	26SV-2	Soil Vapor	02/11/2026	02/12/2026
26B0520-03	26OA-1	Outdoor Ambient Air	02/11/2026	02/12/2026
26B0520-04	26SV-3	Soil Vapor	02/11/2026	02/12/2026
26B0520-05	DUP	Soil Vapor	02/11/2026	02/12/2026

General Notes for Project (SDG) No.: 26B0520

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. ALS' liability for the above data is limited to the dollar value paid to ALS for the referenced project.
4. This report shall not be reproduced without the written approval of ALS, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by ALS.
8. Analyses conducted at ALS, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at ALS, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Samantha Henningsen
Laboratory Director - Queens

Date: 02/19/2026

Sample Information

Client Sample ID: 26SS-1 **Sample ID:** 26B0520-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:50 pm	02/12/2026

Q A Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.97	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**83**		ug/m³	0.77	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.97	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.77	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.57	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-35-4	**1,1-Dichloroethylene**	**0.90**		ug/m³	0.28	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	53	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-63-6	**1,2,4-Trimethylbenzene**	**1.4**		ug/m³	0.70	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.85	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.57	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.65	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.99	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.70	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-99-0	1,3-Butadiene	ND		ug/m³	0.94	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.85	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.65	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.85	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
123-91-1	1,4-Dioxane	ND		ug/m³	2.5	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: 26SS-1 **Sample ID:** 26B0520-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:50 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* ^2,2,4-Trimethylpentane	ND		ug/m³	0.33	1.415	EPA TO-15 Certifications:	02/17/2026 08:00	02/19/2026 02:48	YR
78-93-3	2-Butanone	ND		ug/m³	21	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
591-78-6	*** 2-Hexanone**	**1.3**		ug/m³	1.2	1.415	EPA TO-15 Certifications:	02/17/2026 08:00	02/19/2026 02:48	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.58	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
67-64-1	**Acetone**	**110**		ug/m³	34	2.83	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 03:33	YR
107-02-8	* ^Acrolein	ND		ug/m³	0.32	1.415	EPA TO-15 Certifications:	02/17/2026 08:00	02/19/2026 02:48	YR
107-13-1	Acrylonitrile	ND		ug/m³	15	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
71-43-2	**Benzene**	**1.3**		ug/m³	0.45	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	18	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.95	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
75-25-2	Bromoform	ND		ug/m³	1.5	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
74-83-9	Bromomethane	ND		ug/m³	0.55	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.44	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
56-23-5	Carbon tetrachloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.27	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.65	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
75-00-3	Chloroethane	ND		ug/m³	0.37	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
67-66-3	Chloroform	ND		ug/m³	0.69	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.29	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.28	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.64	1.415	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 02:48	YR

Sample Information

Client Sample ID: 26SS-1 **Sample ID:** 26B0520-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:50 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/m³	0.49	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-71-8	**Dichlorodifluoromethane**	**2.8**		ug/m³	0.70	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
141-78-6	* Ethyl acetate	ND		ug/m³	25	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.7**		ug/m³	0.61	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
67-63-0	**Isopropanol**	**3.8**		ug/m³	2.1	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
98-82-8	Isopropylbenzene	ND		ug/m³	0.70	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.58	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.51	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-09-2	Methylene chloride	ND		ug/m³	2.9	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
91-20-3	* ^Naphthalene	ND		ug/m³	7.4	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:			
104-51-8	* n-Butylbenzene	ND		ug/m³	0.78	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:			
142-82-5	**n-Heptane**	**2.8**		ug/m³	0.58	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
110-54-3	**n-Hexane**	**3.2**		ug/m³	0.50	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
103-65-1	* n-Propylbenzene	ND		ug/m³	0.70	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:			
95-47-6	**o-Xylene**	**2.3**		ug/m³	0.61	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
179601-23-1	**p- & m- Xylenes**	**7.1**		ug/m³	1.2	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.70	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:			
99-87-6	* p-Isopropyltoluene	ND		ug/m³	0.78	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.24	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:			

Sample Information

Client Sample ID: 26SS-1 **Sample ID:** 26B0520-01

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:50 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	* sec-Butylbenzene	ND		ug/m³	0.78	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.60	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
98-06-6	* tert-Butylbenzene	ND		ug/m³	0.78	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:			
127-18-4	**Tetrachloroethylene**	**9.2**		ug/m³	0.96	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.83	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:			
108-88-3	**Toluene**	**5.4**		ug/m³	0.53	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.56	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.64	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-01-6	Trichloroethylene	ND		ug/m³	0.23	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.5**		ug/m³	0.80	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-05-4	Vinyl acetate	ND	TO-CCV, TO-LCS-L	ug/m³	0.50	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
593-60-2	Vinyl bromide	ND		ug/m³	0.62	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-01-4	Vinyl Chloride	ND		ug/m³	0.18	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
1330-20-7	**Xylenes, Total**	**9.4**		ug/m³	1.8	1.415	EPA TO-15	02/17/2026 08:00	02/19/2026 02:48	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: 26SV-2 **Sample ID:** 26B0520-02

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:53 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.83	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.83	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.62	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.30	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	57	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.75	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.92	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.62	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.71	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.75	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-99-0	1,3-Butadiene	ND		ug/m³	1.0	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.92	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.71	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.92	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
123-91-1	1,4-Dioxane	ND		ug/m³	2.8	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
540-84-1	* ^2,2,4-Trimethylpentane	ND		ug/m³	0.36	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			

Sample Information

Client Sample ID: 26SV-2 **Sample ID:** 26B0520-02

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:53 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/m³	23	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.529	EPA TO-15 Certifications:	02/17/2026 08:00	02/19/2026 04:19	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.4	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.63	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
67-64-1	**Acetone**	**38**		ug/m³	18	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
107-02-8	* ^Acrolein	ND		ug/m³	0.35	1.529	EPA TO-15 Certifications:	02/17/2026 08:00	02/19/2026 04:19	YR
107-13-1	Acrylonitrile	ND		ug/m³	17	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
71-43-2	**Benzene**	**1.1**		ug/m³	0.49	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	20	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
75-25-2	Bromoform	ND		ug/m³	1.6	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
74-83-9	Bromomethane	ND		ug/m³	0.59	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.48	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
56-23-5	Carbon tetrachloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.29	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.70	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
75-00-3	Chloroethane	ND		ug/m³	0.40	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
67-66-3	**Chloroform**	**8.4**		ug/m³	0.75	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.32	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.30	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.69	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR
110-82-7	Cyclohexane	ND		ug/m³	0.53	1.529	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 04:19	YR

Sample Information

Client Sample ID: 26SV-2 **Sample ID:** 26B0520-02

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:53 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.76	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
141-78-6	* Ethyl acetate	ND		ug/m³	28	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.66	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
67-63-0	**Isopropanol**	**6.7**		ug/m³	2.3	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
98-82-8	Isopropylbenzene	ND		ug/m³	0.75	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.63	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.55	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-09-2	Methylene chloride	ND		ug/m³	3.2	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
91-20-3	* ^Naphthalene	ND		ug/m³	8.0	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			
104-51-8	* n-Butylbenzene	ND		ug/m³	0.84	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			
142-82-5	**n-Heptane**	**1.1**		ug/m³	0.63	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
110-54-3	**n-Hexane**	**1.5**		ug/m³	0.54	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
103-65-1	* n-Propylbenzene	ND		ug/m³	0.75	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			
95-47-6	o-Xylene	ND		ug/m³	0.66	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
179601-23-1	**p- & m- Xylenes**	**1.9**		ug/m³	1.3	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.75	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			
99-87-6	* p-Isopropyltoluene	ND		ug/m³	0.84	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.26	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			
135-98-8	* sec-Butylbenzene	ND		ug/m³	0.84	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			

Sample Information

Client Sample ID: 26SV-2 **Sample ID:** 26B0520-02

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:53 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m³	0.65	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
98-06-6	* tert-Butylbenzene	ND		ug/m³	0.84	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			
127-18-4	**Tetrachloroethylene**	**1.7**		ug/m³	1.0	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.90	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications:			
108-88-3	**Toluene**	**2.9**		ug/m³	0.58	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.61	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.69	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
79-01-6	Trichloroethylene	ND		ug/m³	0.25	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.1**		ug/m³	0.86	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
108-05-4	Vinyl acetate	ND	TO-CCV, TO-LCS-L	ug/m³	0.54	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
593-60-2	Vinyl bromide	ND		ug/m³	0.67	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-01-4	Vinyl Chloride	ND		ug/m³	0.20	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
1330-20-7	Xylenes, Total	ND		ug/m³	2.0	1.529	EPA TO-15	02/17/2026 08:00	02/19/2026 04:19	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			

Sample Information

Client Sample ID: 26OA-1 **Sample ID:** 26B0520-03

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Outdoor Ambient Air	February 11, 2026 5:57 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.52	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.41	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.52	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.58	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.41	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.31	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	28	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.37	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.58	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.46	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.31	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.35	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.53	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.37	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-99-0	1,3-Butadiene	ND		ug/m³	0.50	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.46	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.35	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.46	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
123-91-1	1,4-Dioxane	ND		ug/m³	1.4	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
540-84-1	* ^**2,2,4-Trimethylpentane**	**0.50**		ug/m³	0.18	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			

Sample Information

Client Sample ID: 26OA-1 **Sample ID:** 26B0520-03

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Outdoor Ambient Air	February 11, 2026 5:57 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/m³	11	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.62	0.76	EPA TO-15 Certifications:	02/17/2026 08:00	02/19/2026 05:05	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
108-10-1	**4-Methyl-2-pentanone**	**0.44**		ug/m³	0.31	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
67-64-1	**Acetone**	**11**		ug/m³	9.0	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
107-02-8	* ^**Acrolein**	**0.28**		ug/m³	0.17	0.76	EPA TO-15 Certifications:	02/17/2026 08:00	02/19/2026 05:05	YR
107-13-1	Acrylonitrile	ND		ug/m³	8.2	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
71-43-2	**Benzene**	**0.75**		ug/m³	0.24	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	9.8	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.51	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
75-25-2	Bromoform	ND		ug/m³	0.79	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
74-83-9	Bromomethane	ND		ug/m³	0.30	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.24	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
56-23-5	Carbon tetrachloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.14	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.35	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
75-00-3	Chloroethane	ND		ug/m³	0.20	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
67-66-3	Chloroform	ND		ug/m³	0.37	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.16	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.34	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR
110-82-7	Cyclohexane	ND		ug/m³	0.26	0.76	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:05	YR

Sample Information

Client Sample ID: 26OA-1 **Sample ID:** 26B0520-03

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Outdoor Ambient Air	February 11, 2026 5:57 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m³	0.65	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.38	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
141-78-6	* Ethyl acetate	ND		ug/m³	14	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.36**		ug/m³	0.33	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.81	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
67-63-0	**Isopropanol**	**2.8**		ug/m³	1.1	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
98-82-8	Isopropylbenzene	ND		ug/m³	0.37	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.31	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.27	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-09-2	Methylene chloride	ND		ug/m³	1.6	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
91-20-3	* ^Naphthalene	ND		ug/m³	4.0	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			
104-51-8	* n-Butylbenzene	ND		ug/m³	0.42	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			
142-82-5	n-Heptane	ND		ug/m³	0.31	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
110-54-3	**n-Hexane**	**0.64**		ug/m³	0.27	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
103-65-1	* n-Propylbenzene	ND		ug/m³	0.37	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			
95-47-6	**o-Xylene**	**0.43**		ug/m³	0.33	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
179601-23-1	**p- & m- Xylenes**	**1.2**		ug/m³	0.66	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.37	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			
99-87-6	* p-Isopropyltoluene	ND		ug/m³	0.42	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			
115-07-1	* **Propylene**	**0.84**		ug/m³	0.13	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			
135-98-8	* sec-Butylbenzene	ND		ug/m³	0.42	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			

Sample Information

Client Sample ID: 26OA-1 **Sample ID:** 26B0520-03

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Outdoor Ambient Air	February 11, 2026 5:57 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m³	0.32	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
98-06-6	* tert-Butylbenzene	ND		ug/m³	0.42	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			
127-18-4	**Tetrachloroethylene**	**0.88**		ug/m³	0.52	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.45	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications:			
108-88-3	**Toluene**	**2.6**		ug/m³	0.29	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.30	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.34	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.43	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
108-05-4	Vinyl acetate	ND	TO-CCV, TO-LCS-L	ug/m³	0.27	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
593-60-2	Vinyl bromide	ND		ug/m³	0.33	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-01-4	Vinyl Chloride	ND		ug/m³	0.097	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
1330-20-7	**Xylenes, Total**	**1.6**		ug/m³	0.99	0.76	EPA TO-15	02/17/2026 08:00	02/19/2026 05:05	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			

Sample Information

Client Sample ID: 26SV-3 **Sample ID:** 26B0520-04

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:55 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.97	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.77	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.97	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**3.5**		ug/m³	1.1	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.77	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.57	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.28	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	52	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-63-6	**1,2,4-Trimethylbenzene**	**0.97**		ug/m³	0.69	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.85	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.57	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.65	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.99	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.69	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-99-0	1,3-Butadiene	ND		ug/m³	0.94	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.85	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.65	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.85	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
123-91-1	1,4-Dioxane	ND		ug/m³	2.5	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
540-84-1	* ^2,2,4-Trimethylpentane	ND		ug/m³	0.33	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			

Sample Information

Client Sample ID: 26SV-3 **Sample ID:** 26B0520-04

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:55 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/m³	21	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.41	EPA TO-15 Certifications:	02/17/2026 08:00	02/19/2026 05:50	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.58	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
67-64-1	Acetone	ND		ug/m³	17	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
107-02-8	* ^Acrolein	ND		ug/m³	0.32	1.41	EPA TO-15 Certifications:	02/17/2026 08:00	02/19/2026 05:50	YR
107-13-1	Acrylonitrile	ND		ug/m³	15	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
71-43-2	Benzene	ND		ug/m³	0.45	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	18	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.94	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
75-25-2	Bromoform	ND		ug/m³	1.5	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
74-83-9	Bromomethane	ND		ug/m³	0.55	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.44	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
56-23-5	Carbon tetrachloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.27	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.65	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
75-00-3	Chloroethane	ND		ug/m³	0.37	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
67-66-3	Chloroform	ND		ug/m³	0.69	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
74-87-3	Chloromethane	ND		ug/m³	0.29	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.28	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.64	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR
110-82-7	Cyclohexane	ND		ug/m³	0.49	1.41	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 05:50	YR

Sample Information

Client Sample ID: 26SV-3 **Sample ID:** 26B0520-04

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:55 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-71-8	**Dichlorodifluoromethane**	**8.6**		ug/m³	0.70	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
141-78-6	* Ethyl acetate	ND		ug/m³	25	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.67**		ug/m³	0.61	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
67-63-0	**Isopropanol**	**3.0**		ug/m³	2.1	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
98-82-8	Isopropylbenzene	ND		ug/m³	0.69	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.58	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.51	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-09-2	Methylene chloride	ND		ug/m³	2.9	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
91-20-3	* ^Naphthalene	ND		ug/m³	7.4	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			
104-51-8	* n-Butylbenzene	ND		ug/m³	0.77	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			
142-82-5	n-Heptane	ND		ug/m³	0.58	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
110-54-3	n-Hexane	ND		ug/m³	0.50	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
103-65-1	* n-Propylbenzene	ND		ug/m³	0.69	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			
95-47-6	**o-Xylene**	**0.61**		ug/m³	0.61	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
179601-23-1	**p- & m- Xylenes**	**2.4**		ug/m³	1.2	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.69	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			
99-87-6	* p-Isopropyltoluene	ND		ug/m³	0.77	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.24	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			
135-98-8	* sec-Butylbenzene	ND		ug/m³	0.77	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			

Sample Information

Client Sample ID: 26SV-3 **Sample ID:** 26B0520-04

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:55 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m³	0.60	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
98-06-6	* tert-Butylbenzene	ND		ug/m³	0.77	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			
127-18-4	**Tetrachloroethylene**	**11**		ug/m³	0.96	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.83	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:			
108-88-3	**Toluene**	**0.69**		ug/m³	0.53	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.56	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.64	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-01-6	**Trichloroethylene**	**3.9**		ug/m³	0.23	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**110**		ug/m³	0.79	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-05-4	Vinyl acetate	ND	TO-CCV, TO-LCS-L	ug/m³	0.50	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
593-60-2	Vinyl bromide	ND		ug/m³	0.62	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-01-4	Vinyl Chloride	ND		ug/m³	0.18	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
1330-20-7	**Xylenes, Total**	**3.1**		ug/m³	1.8	1.41	EPA TO-15	02/17/2026 08:00	02/19/2026 05:50	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: DUP

Sample ID: 26B0520-05

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:55 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.96	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.76	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.96	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**3.4**		ug/m³	1.1	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.76	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.57	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.28	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	52	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.69	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.84	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.57	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.65	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.98	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.69	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
106-99-0	1,3-Butadiene	ND		ug/m³	0.93	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.84	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.65	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.84	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
123-91-1	1,4-Dioxane	ND		ug/m³	2.5	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
540-84-1	* ^2,2,4-Trimethylpentane	ND		ug/m³	0.33	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			

Sample Information

Client Sample ID: DUP

Sample ID: 26B0520-05

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:55 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/m³	21	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.1	1.397	EPA TO-15 Certifications:	02/17/2026 08:00	02/19/2026 06:36	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.57	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
67-64-1	Acetone	ND		ug/m³	17	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
107-02-8	* ^Acrolein	ND		ug/m³	0.32	1.397	EPA TO-15 Certifications:	02/17/2026 08:00	02/19/2026 06:36	YR
107-13-1	Acrylonitrile	ND		ug/m³	15	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
71-43-2	Benzene	ND		ug/m³	0.45	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	18	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.94	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
75-25-2	Bromoform	ND		ug/m³	1.4	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
74-83-9	Bromomethane	ND		ug/m³	0.54	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.44	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
56-23-5	Carbon tetrachloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.26	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.64	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
75-00-3	Chloroethane	ND		ug/m³	0.37	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
67-66-3	Chloroform	ND		ug/m³	0.68	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
74-87-3	Chloromethane	ND		ug/m³	0.29	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.28	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.63	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR
110-82-7	Cyclohexane	ND		ug/m³	0.48	1.397	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	02/17/2026 08:00	02/19/2026 06:36	YR

Sample Information

Client Sample ID: **DUP** **Sample ID:** **26B0520-05**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:55 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-71-8	**Dichlorodifluoromethane**	**8.6**		ug/m³	0.69	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
141-78-6	* Ethyl acetate	ND		ug/m³	25	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.67**		ug/m³	0.61	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
67-63-0	Isopropanol	ND		ug/m³	2.1	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
98-82-8	Isopropylbenzene	ND		ug/m³	0.69	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.57	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.50	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-09-2	Methylene chloride	ND		ug/m³	2.9	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
91-20-3	* ^Naphthalene	ND		ug/m³	7.3	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			
104-51-8	* n-Butylbenzene	ND		ug/m³	0.77	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			
142-82-5	n-Heptane	ND		ug/m³	0.57	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
110-54-3	n-Hexane	ND		ug/m³	0.49	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
103-65-1	* n-Propylbenzene	ND		ug/m³	0.69	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			
95-47-6	**o-Xylene**	**0.79**		ug/m³	0.61	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
179601-23-1	**p- & m- Xylenes**	**2.5**		ug/m³	1.2	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.69	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			
99-87-6	* p-Isopropyltoluene	ND		ug/m³	0.77	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.24	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			
135-98-8	* sec-Butylbenzene	ND		ug/m³	0.77	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			

Sample Information

Client Sample ID: DUP

Sample ID: 26B0520-05

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B0520	32-10 38th Ave	Soil Vapor	February 11, 2026 5:55 pm	02/12/2026

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m³	0.60	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
98-06-6	* tert-Butylbenzene	ND		ug/m³	0.77	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			
127-18-4	**Tetrachloroethylene**	**9.2**		ug/m³	0.95	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.82	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications:			
108-88-3	**Toluene**	**0.68**		ug/m³	0.53	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.55	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.63	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
79-01-6	**Trichloroethylene**	**4.1**		ug/m³	0.23	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**110**		ug/m³	0.78	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
108-05-4	Vinyl acetate	ND	TO-CCV, TO-LCS-L	ug/m³	0.49	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
593-60-2	Vinyl bromide	ND		ug/m³	0.61	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-01-4	Vinyl Chloride	ND		ug/m³	0.18	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
1330-20-7	**Xylenes, Total**	**3.3**		ug/m³	1.8	1.397	EPA TO-15	02/17/2026 08:00	02/19/2026 06:36	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			

Analytical Batch Summary

Batch ID: BB61000 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

Sample ID	Client Sample ID	Preparation Date
26B0520-01	26SS-1	02/17/26
26B0520-01RE1	26SS-1	02/17/26
26B0520-02	26SV-2	02/17/26
26B0520-03	26OA-1	02/17/26
26B0520-04	26SV-3	02/17/26
26B0520-05	DUP	02/17/26
BB61000-BLK1	Blank	02/17/26
BB61000-BS1	LCS	02/17/26

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB61000 - EPA TO15 PREP											
Blank (BB61000-BLK1)											Prepared: 02/17/2026 Analyzed: 02/18/2026
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.20	"								
1,2,4-Trichlorobenzene	ND	37	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	1.8	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	15	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	12	"								
Acrolein	ND	0.23	"								
Acrylonitrile	ND	11	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	13	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.19	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.20	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	18	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Isopropylbenzene	ND	0.49	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB61000 - EPA TO15 PREP											
Blank (BB61000-BLK1)											Prepared: 02/17/2026 Analyzed: 02/18/2026
Methyl Methacrylate	ND	0.41	ug/m³								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	2.1	"								
Naphthalene	ND	5.2	"								
n-Butylbenzene	ND	0.55	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
n-Propylbenzene	ND	0.49	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
p-Isopropyltoluene	ND	0.55	"								
Propylene	ND	0.17	"								
sec-Butylbenzene	ND	0.55	"								
Styrene	ND	0.43	"								
tert-Butylbenzene	ND	0.55	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.16	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
Xylenes, Total	ND	1.3	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB61000 - EPA TO15 PREP											
LCS (BB61000-BS1)								Prepared: 02/17/2026 Analyzed: 02/18/2026			
1,1,1,2-Tetrachloroethane	7.77		ppbv	10.0		77.7	70-130				
1,1,1-Trichloroethane	7.47		"	10.0		74.7	70-130				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.75		"	10.0		87.5	70-130				
1,1,2-Trichloroethane	9.81		"	10.0		98.1	70-130				
1,1-Dichloroethane	8.83		"	10.0		88.3	70-130				
1,1-Dichloroethylene	10.0		"	10.0		100	70-130				
1,2,4-Trichlorobenzene	13.8		"	10.0		138	70-130	High Bias			
1,2,4-Trimethylbenzene	9.27		"	10.0		92.7	70-130				
1,2-Dibromoethane	10.3		"	10.0		103	70-130				
1,2-Dichlorobenzene	10.5		"	10.0		105	70-130				
1,2-Dichloroethane	8.23		"	10.0		82.3	70-130				
1,2-Dichloropropane	10.5		"	10.0		105	70-130				
1,2-Dichlorotetrafluoroethane	8.64		"	10.0		86.4	70-130				
1,3,5-Trimethylbenzene	9.15		"	10.0		91.5	70-130				
1,3-Butadiene	9.42		"	10.0		94.2	70-130				
1,3-Dichlorobenzene	10.8		"	10.0		108	70-130				
1,3-Dichloropropane	10.5		"	10.0		105	70-130				
1,4-Dichlorobenzene	11.5		"	10.0		115	70-130				
1,4-Dioxane	10.1		"	10.0		101	70-130				
2,2,4-Trimethylpentane	8.80		"	10.0		88.0	70-130				
2-Butanone	9.76		"	10.0		97.6	70-130				
2-Hexanone	12.5		"	10.0		125	70-130				
3-Chloropropene	8.44		"	10.0		84.4	70-130				
4-Methyl-2-pentanone	11.5		"	10.0		115	70-130				
Acetone	9.01		"	10.0		90.1	70-130				
Acrolein	9.37		"	10.0		93.7	70-130				
Acrylonitrile	8.76		"	10.0		87.6	70-130				
Benzene	8.63		"	10.0		86.3	70-130				
Benzyl chloride	11.8		"	10.0		118	70-130				
Bromodichloromethane	9.09		"	10.0		90.9	70-130				
Bromoform	7.25		"	10.0		72.5	70-130				
Bromomethane	9.13		"	10.0		91.3	70-130				
Carbon disulfide	8.99		"	10.0		89.9	70-130				
Carbon tetrachloride	4.13		"	10.0		41.3	70-130	Low Bias			
Chlorobenzene	9.56		"	10.0		95.6	70-130				
Chloroethane	9.11		"	10.0		91.1	70-130				
Chloroform	8.37		"	10.0		83.7	70-130				
Chloromethane	9.99		"	10.0		99.9	70-130				
cis-1,2-Dichloroethylene	8.48		"	10.0		84.8	70-130				
cis-1,3-Dichloropropylene	9.56		"	10.0		95.6	70-130				
Cyclohexane	8.86		"	10.0		88.6	70-130				
Dibromochloromethane	7.48		"	10.0		74.8	70-130				
Dichlorodifluoromethane	8.70		"	10.0		87.0	70-130				
Ethyl acetate	10.0		"	10.0		100	70-130				
Ethyl Benzene	9.49		"	10.0		94.9	70-130				
Hexachlorobutadiene	10.7		"	10.0		107	70-130				
Isopropanol	9.61		"	10.0		96.1	70-130				
Isopropylbenzene	9.31		"	10.0		93.1	70-130				
Methyl Methacrylate	10.5		"	10.0		105	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB61000 - EPA TO15 PREP											
LCS (BB61000-BS1)								Prepared: 02/17/2026 Analyzed: 02/18/2026			
Methyl tert-butyl ether (MTBE)	8.33		ppbv	10.0		83.3	70-130				
Methylene chloride	9.65		"	10.0		96.5	70-130				
Naphthalene	13.6		"	10.0		136	70-130	High Bias			
n-Butylbenzene	10.6		"	10.0		106	70-130				
n-Heptane	9.87		"	10.0		98.7	70-130				
n-Hexane	9.06		"	10.0		90.6	70-130				
n-Propylbenzene	9.78		"	10.0		97.8	70-130				
o-Xylene	9.23		"	10.0		92.3	70-130				
p- & m- Xylenes	18.5		"	20.0		92.4	70-130				
p-Ethyltoluene	9.53		"	10.0		95.3	70-130				
p-Isopropyltoluene	9.35		"	10.0		93.5	70-130				
Propylene	10.0		"	10.0		100	70-130				
sec-Butylbenzene	9.29		"	10.0		92.9	70-130				
Styrene	9.90		"	10.0		99.0	70-130				
tert-Butylbenzene	9.00		"	10.0		90.0	70-130				
Tetrachloroethylene	9.11		"	10.0		91.1	70-130				
Tetrahydrofuran	9.90		"	10.0		99.0	70-130				
Toluene	9.68		"	10.0		96.8	70-130				
trans-1,2-Dichloroethylene	8.81		"	10.0		88.1	70-130				
trans-1,3-Dichloropropylene	9.03		"	10.0		90.3	70-130				
Trichloroethylene	9.63		"	10.0		96.3	70-130				
Trichlorofluoromethane (Freon 11)	8.07		"	10.0		80.7	70-130				
Vinyl acetate	6.41		"	10.0		64.1	70-130	Low Bias			
Vinyl bromide	8.92		"	10.0		89.2	70-130				
Vinyl Chloride	9.30		"	10.0		93.0	70-130				

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 clientservices@yorklab.com www.yorklab.com 800-306-YORK 800-306-9675 Page ____ of ____

YORK Project No. 26B0520

YOUR Information	Report To:	Invoice To:
Company: Vektor	Company:	Company:
Address: 555 8th ave NYC	Address:	Address:
Phone:	Phone:	Phone:
Contact:	Contact:	Contact:
E-mail: JFields, DKlein @vektorconsultants	E-mail:	E-mail:

YOUR Project Number

YOUR Project Name: 32-10 38th ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day): X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Air Matrix Codes

AI: Indoor Ambient Air
AO: Outdoor Amb. Air
AE: Vapor Extraction Well Process Gas/Effluent
AS: Soil Vapor/Sub-Slab

Samples From

- New York: X
- New Jersey:
- Connecticut:
- Pennsylvania:
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- NY ASP A Package
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- NJDKQP
- Standard Excel EDD
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDEP SRP HazSite
- Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m^3 ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sample Start	Sample End	Matrix	Canister Vacuum (inHg) Before	Canister Vacuum (inHg) After	Canister ID #	Flow Cont. ID #	Canister Size (L)	Analysis Requested
26SS-1	2/11 950	1750	AS	-30	-5	~~49976~~ 50995	~~20950~~ 20952	6	TO-15
26SV-2	2/11 953	1753	AS	-30	-5	49973	20974	6	TO-15
26OA-1	2/11 957	1757	AO	-30	-5	48293	20920	6	TO-15
26SV-3	2/11 955	1755	AS	-30	-5	51006	20458	6	TO-15
DUP	2/11 955	1755	AS	-30	-5	51434	20458	6	TO-15

Comments:

Container Ship Date:

Detection Limits Required

≤ 1 ug/m3 _____ NYSDEC V1 Limits _____
Routine Survey _____ Other _____

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
			2/12/26 7:51		2/12/26 15:10
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date / Time Temperature
					2.12.26 15:20

DATA USABILITY SUMMARY REPORT FOR SOIL VAPOR SAMPLES

25E0530

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
York Analytical Laboratories, Inc., SDG: 25E0530

6 Soil Vapor/Air Samples and 1 Field Duplicate
Collected May 7, 2025

Prepared by: Donald Anné
October 31, 2025

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 6 soil vapor/air samples and 1 field duplicate analyzed for TO-15 volatiles.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the method for TO-15 volatiles.

The data are mostly acceptable with some issues that are identified in the accompanying data validation review. The following data were qualified:

- The positive volatile results for acrylonitrile and chloromethane were qualified as "estimated" (J) for samples 25SV-1, 25SV-4, and 25SV-5 because %Ds for acrylonitrile and chloromethane were above the allowable maximum in the associated continuing calibration verification sample.

- The positive volatile results for isopropanol were qualified as "estimated" (J) for samples 25SV-1, 25SV-3, 25SV-4, 25SV-5, and 25OA-1 because %RSD for isopropanol was above the allowable maximums in the associated initial calibration.

- The positive volatile result for chloromethane was qualified as "estimated, biased low" (J-) for sample 25OA-1 because percent recovery for chloromethane was below QC limits, but not below 10% in the associated air/vapor LCS.

- The "not detected" volatile results for chloromethane were qualified as "estimated" (UJ) for samples 25SV-2 and 25SV-DUP-1 because percent recovery for chloromethane was below QC limits, but not below 10% in the associated air/vapor LCS.

All data are considered usable, with estimated (J, J-, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

z:\projects\2025\25600 - 25620\25615-30-32 38th ave\task 1 dusr\temp-review\corrections made 2025\25e0530.dus.docx

Qualified Data Section

Analyzed by: York Analytical Laboratories, Inc.

Client:	Vektor Consultants	**York Work Order No:**	25E0530
Client Project:	32-20 38th Avenue	**Date Received:**	5/8/25 5:40 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 14:01
Reference Method:	EPA TO-15	**Client ID**	25SV-1

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-01	^2,2,4-Trimethylpentane	ND		0.44		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	^Naphthalene	ND	CAL-E	2.0		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,1,1,2-Tetrachloroethane	ND		1.3		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,1,1-Trichloroethane	**1.1**		1.0		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,1,2,2-Tetrachloroethane	ND		1.3		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**3.2**		1.4		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,1,2-Trichloroethane	ND		1.0		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,1-Dichloroethane	ND		0.76		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,1-Dichloroethylene	ND		0.19		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	1.4		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,2,4-Trimethylbenzene	**1.8**		0.93		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,2-Dibromoethane	ND		1.4		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,2-Dichlorobenzene	ND		1.1		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,2-Dichloroethane	ND		0.76		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,2-Dichloropropane	ND		0.87		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,2-Dichlorotetrafluoroethane	ND		1.3		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,3,5-Trimethylbenzene	ND		0.93		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,3-Butadiene	ND		1.3		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,3-Dichlorobenzene	ND		1.1		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,3-Dichloropropane	ND		0.87		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,4-Dichlorobenzene	ND		1.1		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	1,4-Dioxane	ND		1.4		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	2-Butanone	**5.7**		0.56		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	2-Hexanone	ND		1.5		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	3-Chloropropene	ND		3.0		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	4-Methyl-2-pentanone	**1.0**		0.77		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Acetone	**46**		3.6		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Acrylonitrile	**25** J	TO-CCV	5.3		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Benzene	**3.3**		0.60		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Benzyl chloride	ND	CAL-E	0.98		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Bromodichloromethane	ND		1.3		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Bromoform	ND		1.9		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Bromomethane	ND		0.73		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Carbon disulfide	**20**		0.59		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Carbon tetrachloride	**1.4**		0.30		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Chlorobenzene	ND		0.87		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Chloroethane	ND		0.50		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Chloroform	**11**		0.92		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Chloromethane	**0.47** J	TO-CCV	0.39		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	cis-1,2-Dichloroethylene	ND		0.19		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	cis-1,3-Dichloropropylene	ND		0.86		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Cyclohexane	**0.97**		0.65		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Dibromochloromethane	ND		1.6		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Dichlorodifluoromethane	**13**		0.93		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Ethyl acetate	**6.5**		1.4		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Ethyl Benzene	**1.6**		0.82		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Hexachlorobutadiene	ND		2.0		1.885	ug/m³	5/15/25 3:54 pm

Client:	Vektor Consultants	**York Work Order No:**	25E0530
Client Project:	32-20 38th Avenue	**Date Received:**	5/8/25 5:40 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 14:01
Reference Method:	EPA TO-15	**Client ID**	25SV-1

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-01	Isopropanol	**3.4** J	CAL-E	2.8		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Methyl Methacrylate	ND		0.77		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Methyl tert-butyl ether (MTBE)	ND		0.68		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Methylene chloride	ND		3.9		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	n-Heptane	**2.0**		0.77		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	n-Hexane	**3.9**		0.66		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	o-Xylene	**2.2**		0.82		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	p- & m- Xylenes	**5.9**		1.6		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	p-Ethyltoluene	**1.6**		0.93		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Propylene	**3.5**		0.32		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Styrene	ND		0.80		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Tetrachloroethylene	**210**		1.3		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Tetrahydrofuran	ND		1.1		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Toluene	**5.4**		0.71		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	trans-1,2-Dichloroethylene	ND		0.75		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	trans-1,3-Dichloropropylene	ND		0.86		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Trichloroethylene	**74**		0.25		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Trichlorofluoromethane (Freon 11)	**160**		1.1		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Vinyl acetate	ND	ICVE	0.66		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Vinyl bromide	ND		0.82		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Vinyl Chloride	ND		0.24		1.885	ug/m³	5/15/25 3:54 pm
25E0530-01	Xylenes, Total	**8.1**		2.5		1.885	ug/m³	5/15/25 3:54 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 13:57
Reference Method:	EPA TO-15	**Client ID**	25SV-2

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-02	^2,2,4-Trimethylpentane	ND		4.4		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	^Naphthalene	ND	CAL-E	20		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,1,1,2-Tetrachloroethane	ND		13		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,1,1-Trichloroethane	**12**		10		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,1,2,2-Tetrachloroethane	ND		13		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**62**		14		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,1,2-Trichloroethane	ND		10		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,1-Dichloroethane	ND		7.6		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,1-Dichloroethylene	ND		1.9		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	14		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,2,4-Trimethylbenzene	ND		9.3		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,2-Dibromoethane	ND		14		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,2-Dichlorobenzene	ND		11		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,2-Dichloroethane	ND		7.6		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,2-Dichloropropane	ND		8.7		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,2-Dichlorotetrafluoroethane	ND		13		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,3,5-Trimethylbenzene	ND		9.3		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,3-Butadiene	ND		13		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,3-Dichlorobenzene	ND		11		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,3-Dichloropropane	ND		8.7		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,4-Dichlorobenzene	ND		11		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	1,4-Dioxane	ND		14		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	2-Butanone	ND		5.6		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	2-Hexanone	ND		15		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	3-Chloropropene	ND		30		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	4-Methyl-2-pentanone	ND		7.7		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Acetone	ND		36		18.87	ug/m³	5/14/25 7:24 pm

Client:	Vektor Consultants	**York Work Order No:**	25E0530
Client Project:	32-20 38th Avenue	**Date Received:**	5/8/25 5:40 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 13:57
Reference Method:	EPA TO-15	**Client ID**	25SV-2

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-02	Acrylonitrile	ND		53		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Benzene	ND		6.0		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Benzyl chloride	ND	CAL-E	9.8		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Bromodichloromethane	ND		13		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Bromoform	ND		20		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Bromomethane	ND		7.3		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Carbon disulfide	ND		5.9		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Carbon tetrachloride	**8.3**		3.0		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Chlorobenzene	ND		8.7		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Chloroethane	ND		5.0		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Chloroform	**35**		9.2		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Chloromethane	ND UJ	TO-CCV, TO-LCS-L	3.9		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	cis-1,2-Dichloroethylene	**2.2**		1.9		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	cis-1,3-Dichloropropylene	ND		8.6		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Cyclohexane	ND		6.5		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Dibromochloromethane	ND		16		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Dichlorodifluoromethane	ND		9.3		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Ethyl acetate	ND		14		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Ethyl Benzene	ND		8.2		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Hexachlorobutadiene	ND		20		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Isopropanol	ND	CAL-E	28		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Methyl Methacrylate	ND		7.7		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Methyl tert-butyl ether (MTBE)	ND		6.8		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Methylene chloride	ND		39		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	n-Heptane	ND		7.7		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	n-Hexane	ND		6.7		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	o-Xylene	ND		8.2		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	p- & m- Xylenes	ND		16		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	p-Ethyltoluene	ND		9.3		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Propylene	ND		3.2		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Styrene	ND		8.0		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Tetrachloroethylene	**5900**		13		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Tetrahydrofuran	ND		11		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Toluene	**7.8**		7.1		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	trans-1,2-Dichloroethylene	ND		7.5		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	trans-1,3-Dichloropropylene	ND		8.6		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Trichloroethylene	**4200**		2.5		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Trichlorofluoromethane (Freon 11)	**3300**		11		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Vinyl acetate	ND	ICVE	6.6		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Vinyl bromide	ND		8.3		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Vinyl Chloride	ND		2.4		18.87	ug/m³	5/14/25 7:24 pm
25E0530-02	Xylenes, Total	ND		25		18.87	ug/m³	5/14/25 7:24 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 14:08
Reference Method:	EPA TO-15	**Client ID**	25SV-3

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-03	^2,2,4-Trimethylpentane	ND		0.44		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	^Naphthalene	ND	CAL-E	2.0		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,1,1,2-Tetrachloroethane	ND		1.3		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,1,1-Trichloroethane	**1.7**		1.0		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,1,2,2-Tetrachloroethane	ND		1.3		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**6.2**		1.4		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,1,2-Trichloroethane	ND		1.0		1.867	ug/m³	5/15/25 5:28 pm

Client:	Vektor Consultants	**York Work Order No:**	25E0530
Client Project:	32-20 38th Avenue	**Date Received:**	5/8/25 5:40 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 14:08
Reference Method:	EPA TO-15	**Client ID**	25SV-3

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-03	1,1-Dichloroethane	ND		0.76		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,1-Dichloroethylene	ND		0.19		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	1.4		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,2,4-Trimethylbenzene	**3.8**		0.92		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,2-Dibromoethane	ND		1.4		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,2-Dichlorobenzene	ND		1.1		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,2-Dichloroethane	ND		0.76		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,2-Dichloropropane	ND		0.86		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,2-Dichlorotetrafluoroethane	ND		1.3		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,3,5-Trimethylbenzene	**1.2**		0.92		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,3-Butadiene	ND		1.2		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,3-Dichlorobenzene	ND		1.1		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,3-Dichloropropane	ND		0.86		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,4-Dichlorobenzene	ND		1.1		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	1,4-Dioxane	ND		1.3		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	2-Butanone	**2.6**		0.55		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	2-Hexanone	ND		1.5		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	3-Chloropropene	ND		2.9		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	4-Methyl-2-pentanone	ND		0.76		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Acetone	**98**		3.5		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Acrylonitrile	ND		5.3		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Benzene	**3.0**		0.60		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Benzyl chloride	ND	CAL-E	0.97		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Bromodichloromethane	ND		1.3		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Bromoform	ND		1.9		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Bromomethane	ND		0.72		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Carbon disulfide	**15**		0.58		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Carbon tetrachloride	**1.3**		0.29		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Chlorobenzene	ND		0.86		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Chloroethane	ND		0.49		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Chloroform	**2.2**		0.91		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Chloromethane	ND	TO-CCV	0.39		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	cis-1,2-Dichloroethylene	ND		0.19		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	cis-1,3-Dichloropropylene	ND		0.85		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Cyclohexane	**1.2**		0.64		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Dibromochloromethane	ND		1.6		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Dichlorodifluoromethane	**5.4**		0.92		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Ethyl acetate	**3.4**		1.3		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Ethyl Benzene	**1.9**		0.81		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Hexachlorobutadiene	ND		2.0		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Isopropanol	**3.3** J	CAL-E	2.8		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Methyl Methacrylate	ND		0.76		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Methyl tert-butyl ether (MTBE)	ND		0.67		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Methylene chloride	ND		3.9		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	n-Heptane	**3.1**		0.77		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	n-Hexane	**6.9**		0.66		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	o-Xylene	**3.3**		0.81		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	p- & m- Xylenes	**8.8**		1.6		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	p-Ethyltoluene	**3.1**		0.92		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Propylene	**4.9**		0.32		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Styrene	ND		0.80		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Tetrachloroethylene	**8.9**		1.3		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Tetrahydrofuran	ND		1.1		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Toluene	**5.0**		0.70		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	trans-1,2-Dichloroethylene	ND		0.74		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	trans-1,3-Dichloropropylene	ND		0.85		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Trichloroethylene	**100**		0.25		1.867	ug/m³	5/15/25 5:28 pm

Client:	Vektor Consultants	**York Work Order No:**	25E0530
Client Project:	32-20 38th Avenue	**Date Received:**	5/8/25 5:40 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 14:08
Reference Method:	EPA TO-15	**Client ID**	25SV-3

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-03	Trichlorofluoromethane (Freon 11)	**390**		1.0		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Vinyl acetate	ND	ICVE	0.66		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Vinyl bromide	ND		0.82		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Vinyl Chloride	ND		0.24		1.867	ug/m³	5/15/25 5:28 pm
25E0530-03	Xylenes, Total	**12**		2.4		1.867	ug/m³	5/15/25 5:28 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 14:13
Reference Method:	EPA TO-15	**Client ID**	25SV-4

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-04	^2,2,4-Trimethylpentane	ND		0.45		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	^Naphthalene	ND	CAL-E	2.0		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,1,1,2-Tetrachloroethane	ND		1.3		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,1,1-Trichloroethane	**2.0**		1.0		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,1,2,2-Tetrachloroethane	ND		1.3		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**12**		1.5		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,1,2-Trichloroethane	ND		1.0		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,1-Dichloroethane	ND		0.77		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,1-Dichloroethylene	ND		0.19		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	1.4		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,2,4-Trimethylbenzene	**3.5**		0.94		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,2-Dibromoethane	ND		1.5		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,2-Dichlorobenzene	ND		1.1		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,2-Dichloroethane	ND		0.77		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,2-Dichloropropane	ND		0.88		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,2-Dichlorotetrafluoroethane	ND		1.3		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,3,5-Trimethylbenzene	**1.2**		0.94		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,3-Butadiene	ND		1.3		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,3-Dichlorobenzene	ND		1.1		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,3-Dichloropropane	ND		0.88		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,4-Dichlorobenzene	**47**		1.1		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	1,4-Dioxane	ND		1.4		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	2-Butanone	**25**		0.56		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	2-Hexanone	**3.8**		1.6		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	3-Chloropropene	ND		3.0		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	4-Methyl-2-pentanone	ND		0.78		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04RE1	Acetone	**450**		36		19.11	ug/m³	5/14/25 8:58 pm
25E0530-04	Acrylonitrile	**17** J	TO-CCV	5.4		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Benzene	**3.0**		0.61		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Benzyl chloride	ND	CAL-E	0.99		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Bromodichloromethane	ND		1.3		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Bromoform	ND		2.0		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Bromomethane	ND		0.74		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Carbon disulfide	**3.0**		0.60		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Carbon tetrachloride	**0.48**		0.30		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Chlorobenzene	ND		0.88		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Chloroethane	ND		0.50		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Chloroform	**1.1**		0.93		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Chloromethane	**0.55** J	TO-CCV	0.39		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	cis-1,2-Dichloroethylene	ND		0.19		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	cis-1,3-Dichloropropylene	ND		0.87		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Cyclohexane	ND		0.66		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Dibromochloromethane	ND		1.6		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Dichlorodifluoromethane	**14**		0.95		1.911	ug/m³	5/15/25 6:15 pm

Client:	Vektor Consultants	**York Work Order No:**	25E0530
Client Project:	32-20 38th Avenue	**Date Received:**	5/8/25 5:40 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 14:13
Reference Method:	EPA TO-15	**Client ID**	25SV-4

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-04	Ethyl acetate	**8.6**		1.4		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Ethyl Benzene	**1.6**		0.83		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Hexachlorobutadiene	ND		2.0		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Isopropanol	**6.2** J	CAL-E	2.8		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Methyl Methacrylate	ND		0.78		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Methyl tert-butyl ether (MTBE)	ND		0.69		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Methylene chloride	ND		4.0		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	n-Heptane	**2.3**		0.78		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	n-Hexane	**1.3**		0.67		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	o-Xylene	**2.9**		0.83		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	p- & m- Xylenes	**5.8**		1.7		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	p-Ethyltoluene	**3.2**		0.94		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Propylene	**3.9**		0.33		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Styrene	ND		0.81		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Tetrachloroethylene	**23**		1.3		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Tetrahydrofuran	ND		1.1		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Toluene	**11**		0.72		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	trans-1,2-Dichloroethylene	ND		0.76		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	trans-1,3-Dichloropropylene	ND		0.87		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Trichloroethylene	**15**		0.26		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Trichlorofluoromethane (Freon 11)	**350**		1.1		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Vinyl acetate	ND	ICVE	0.67		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Vinyl bromide	ND		0.84		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Vinyl Chloride	ND		0.24		1.911	ug/m³	5/15/25 6:15 pm
25E0530-04	Xylenes, Total	**8.7**		2.5		1.911	ug/m³	5/15/25 6:15 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 14:05
Reference Method:	EPA TO-15	**Client ID**	25SV-5

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-05	^2,2,4-Trimethylpentane	ND		0.43		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	^Naphthalene	ND	CAL-E	1.9		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,1,1,2-Tetrachloroethane	ND		1.2		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,1,1-Trichloroethane	ND		0.99		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,1,2,2-Tetrachloroethane	ND		1.2		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		1.4		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,1,2-Trichloroethane	ND		0.99		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,1-Dichloroethane	ND		0.74		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,1-Dichloroethylene	ND		0.18		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	1.4		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,2,4-Trimethylbenzene	**2.7**		0.89		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,2-Dibromoethane	ND		1.4		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,2-Dichlorobenzene	ND		1.1		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,2-Dichloroethane	ND		0.74		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,2-Dichloropropane	ND		0.84		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,2-Dichlorotetrafluoroethane	ND		1.3		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,3,5-Trimethylbenzene	**0.89**		0.89		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,3-Butadiene	ND		1.2		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,3-Dichlorobenzene	ND		1.1		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,3-Dichloropropane	ND		0.84		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,4-Dichlorobenzene	ND		1.1		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	1,4-Dioxane	ND		1.3		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	2-Butanone	**20**		0.54		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	2-Hexanone	**2.8**		1.5		1.82	ug/m³	5/15/25 7:02 pm

Client:	Vektor Consultants	**York Work Order No:**	25E0530
Client Project:	32-20 38th Avenue	**Date Received:**	5/8/25 5:40 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 14:05
Reference Method:	EPA TO-15	**Client ID**	25SV-5

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-05	3-Chloropropene	ND		2.8		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	4-Methyl-2-pentanone	ND		0.75		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05RE1	Acetone	**430**		35		18.2	ug/m³	5/14/25 9:44 pm
25E0530-05	Acrylonitrile	**12** J	TO-CCV	5.1		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Benzene	**3.3**		0.58		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Benzyl chloride	ND	CAL-E	0.94		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Bromodichloromethane	ND		1.2		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Bromoform	ND		1.9		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Bromomethane	ND		0.71		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Carbon disulfide	**2.3**		0.57		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Carbon tetrachloride	**0.57**		0.29		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Chlorobenzene	ND		0.84		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Chloroethane	ND		0.48		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Chloroform	ND		0.89		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Chloromethane	**0.56** J	TO-CCV	0.38		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	cis-1,2-Dichloroethylene	ND		0.18		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	cis-1,3-Dichloropropylene	ND		0.83		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Cyclohexane	ND		0.63		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Dibromochloromethane	ND		1.6		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Dichlorodifluoromethane	**2.4**		0.90		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Ethyl acetate	**2.7**		1.3		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Ethyl Benzene	**1.1**		0.79		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Hexachlorobutadiene	ND		1.9		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Isopropanol	**3.9** J	CAL-E	2.7		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Methyl Methacrylate	ND		0.75		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Methyl tert-butyl ether (MTBE)	ND		0.66		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Methylene chloride	ND		3.8		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	n-Heptane	**1.2**		0.75		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	n-Hexane	ND		0.64		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	o-Xylene	**2.0**		0.79		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	p- & m- Xylenes	**4.3**		1.6		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	p-Ethyltoluene	**2.3**		0.89		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Propylene	**2.7**		0.31		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Styrene	ND		0.78		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Tetrachloroethylene	**1.6**		1.2		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Tetrahydrofuran	ND		1.1		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Toluene	**5.0**		0.69		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	trans-1,2-Dichloroethylene	ND		0.72		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	trans-1,3-Dichloropropylene	ND		0.83		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Trichloroethylene	ND		0.24		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Trichlorofluoromethane (Freon 11)	**2.0**		1.0		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Vinyl acetate	ND	ICVE	0.64		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Vinyl bromide	ND		0.80		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Vinyl Chloride	ND		0.23		1.82	ug/m³	5/15/25 7:02 pm
25E0530-05	Xylenes, Total	**6.2**		2.4		1.82	ug/m³	5/15/25 7:02 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 14:16
Reference Method:	EPA TO-15	**Client ID**	25SV-DUP-1

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-06	^2,2,4-Trimethylpentane	ND		4.0		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	^Naphthalene	ND	CAL-E	18		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,1,1,2-Tetrachloroethane	ND		12		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,1,1-Trichloroethane	**12**		9.4		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,1,2,2-Tetrachloroethane	ND		12		17.2	ug/m³	5/14/25 10:31 pm

Client:	Vektor Consultants	**York Work Order No:**	25E0530
Client Project:	32-20 38th Avenue	**Date Received:**	5/8/25 5:40 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 14:16
Reference Method:	EPA TO-15	**Client ID**	25SV-DUP-1

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-06	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**61**		13		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,1,2-Trichloroethane	ND		9.4		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,1-Dichloroethane	ND		7.0		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,1-Dichloroethylene	ND		1.7		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	13		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,2,4-Trimethylbenzene	ND		8.5		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,2-Dibromoethane	ND		13		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,2-Dichlorobenzene	ND		10		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,2-Dichloroethane	ND		7.0		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,2-Dichloropropane	ND		7.9		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,2-Dichlorotetrafluoroethane	ND		12		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,3,5-Trimethylbenzene	ND		8.5		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,3-Butadiene	ND		11		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,3-Dichlorobenzene	ND		10		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,3-Dichloropropane	ND		7.9		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,4-Dichlorobenzene	ND		10		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	1,4-Dioxane	ND		12		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	2-Butanone	ND		5.1		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	2-Hexanone	ND		14		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	3-Chloropropene	ND		27		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	4-Methyl-2-pentanone	ND		7.0		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Acetone	ND		33		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Acrylonitrile	ND		49		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Benzene	ND		5.5		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Benzyl chloride	ND	CAL-E	8.9		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Bromodichloromethane	ND		12		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Bromoform	ND		18		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Bromomethane	ND		6.7		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Carbon disulfide	ND		5.4		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Carbon tetrachloride	**7.6**		2.7		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Chlorobenzene	ND		7.9		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Chloroethane	ND		4.5		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Chloroform	**35**		8.4		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Chloromethane	ND UJ	TO-CCV, TO-LCS-L	3.6		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	cis-1,2-Dichloroethylene	**2.0**		1.7		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	cis-1,3-Dichloropropylene	ND		7.8		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Cyclohexane	ND		5.9		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Dibromochloromethane	ND		15		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Dichlorodifluoromethane	ND		8.5		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Ethyl acetate	ND		12		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Ethyl Benzene	ND		7.5		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Hexachlorobutadiene	ND		18		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Isopropanol	ND	CAL-E	25		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Methyl Methacrylate	ND		7.0		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Methyl tert-butyl ether (MTBE)	ND		6.2		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Methylene chloride	ND		36		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	n-Heptane	ND		7.0		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	n-Hexane	ND		6.1		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	o-Xylene	ND		7.5		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	p- & m- Xylenes	ND		15		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	p-Ethyltoluene	ND		8.5		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Propylene	ND		3.0		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Styrene	ND		7.3		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06RE1	Tetrachloroethylene	**7300**		23		34.4	ug/m³	5/15/25 7:49 pm
25E0530-06	Tetrahydrofuran	ND		10		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Toluene	**7.1**		6.5		17.2	ug/m³	5/14/25 10:31 pm

Client:	Vektor Consultants	**York Work Order No:**	25E0530
Client Project:	32-20 38th Avenue	**Date Received:**	5/8/25 5:40 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 14:16
Reference Method:	EPA TO-15	**Client ID**	25SV-DUP-1

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-06	trans-1,2-Dichloroethylene	ND		6.8		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	trans-1,3-Dichloropropylene	ND		7.8		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Trichloroethylene	**4100**		2.3		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Trichlorofluoromethane (Freon 11)	**3200**		9.7		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Vinyl acetate	ND	ICVE	6.1		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Vinyl bromide	ND		7.5		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Vinyl Chloride	ND		2.2		17.2	ug/m³	5/14/25 10:31 pm
25E0530-06	Xylenes, Total	ND		22		17.2	ug/m³	5/14/25 10:31 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Outdoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 13:48
Reference Method:	EPA TO-15	**Client ID**	25OA-1

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-07	^2,2,4-Trimethylpentane	**0.76**		0.24		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	^Naphthalene	ND	CAL-E	1.1		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,1,1,2-Tetrachloroethane	ND		0.69		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,1,1-Trichloroethane	ND		0.55		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,1,2,2-Tetrachloroethane	ND		0.69		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.78		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,1,2-Trichloroethane	ND		0.55		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,1-Dichloroethane	ND		0.41		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,1-Dichloroethylene	ND		0.10		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	0.75		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,2,4-Trimethylbenzene	**1.3**		0.50		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,2-Dibromoethane	ND		0.78		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,2-Dichlorobenzene	ND		0.61		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,2-Dichloroethane	ND		0.41		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,2-Dichloropropane	ND		0.47		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,2-Dichlorotetrafluoroethane	ND		0.71		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,3,5-Trimethylbenzene	ND		0.50		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,3-Butadiene	ND		0.67		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,3-Dichlorobenzene	ND		0.61		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,3-Dichloropropane	ND		0.47		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,4-Dichlorobenzene	ND		0.61		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	1,4-Dioxane	ND		0.73		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	2-Butanone	**3.1**		0.30		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	2-Hexanone	ND		0.83		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	3-Chloropropene	ND		1.6		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	4-Methyl-2-pentanone	ND		0.41		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Acetone	**37**		1.9		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Acrylonitrile	ND		2.9		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Benzene	**0.97**		0.32		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Benzyl chloride	ND	CAL-E	0.52		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Bromodichloromethane	ND		0.68		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Bromoform	ND		1.0		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Bromomethane	ND		0.39		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Carbon disulfide	ND		0.32		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Carbon tetrachloride	**0.51**		0.16		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Chlorobenzene	ND		0.47		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Chloroethane	ND		0.27		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Chloroform	ND		0.49		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Chloromethane	**0.94** J-	TO-CCV, TO-LCS-L	0.21		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	cis-1,2-Dichloroethylene	ND		0.10		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	cis-1,3-Dichloropropylene	ND		0.46		1.012	ug/m³	5/14/25 5:51 pm

Client:	Vektor Consultants	**York Work Order No:**	25E0530
Client Project:	32-20 38th Avenue	**Date Received:**	5/8/25 5:40 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Outdoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	05/07/25 13:48
Reference Method:	EPA TO-15	**Client ID**	25OA-1

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25E0530-07	Cyclohexane	ND		0.35		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Dibromochloromethane	ND		0.86		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Dichlorodifluoromethane	**2.2**		0.50		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Ethyl acetate	**3.4**		0.73		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Ethyl Benzene	**0.57**		0.44		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Hexachlorobutadiene	ND		1.1		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Isopropanol	**2.6** J	CAL-E	1.5		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Methyl Methacrylate	ND		0.41		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Methyl tert-butyl ether (MTBE)	ND		0.36		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Methylene chloride	ND		2.1		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	n-Heptane	**0.54**		0.41		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	n-Hexane	**0.82**		0.36		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	o-Xylene	**0.75**		0.44		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	p- & m- Xylenes	**1.9**		0.88		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	p-Ethyltoluene	**1.1**		0.50		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Propylene	**0.77**		0.17		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Styrene	ND		0.43		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Tetrachloroethylene	ND		0.69		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Tetrahydrofuran	ND		0.60		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Toluene	**2.1**		0.38		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	trans-1,2-Dichloroethylene	ND		0.40		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	trans-1,3-Dichloropropylene	ND		0.46		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Trichloroethylene	ND		0.14		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Trichlorofluoromethane (Freon 11)	**1.3**		0.57		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Vinyl acetate	ND	ICVE	0.36		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Vinyl bromide	ND		0.44		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Vinyl Chloride	ND		0.13		1.012	ug/m³	5/14/25 5:51 pm
25E0530-07	Xylenes, Total	**2.6**		1.3		1.012	ug/m³	5/14/25 5:51 pm

Cassie L. Mosher
Laboratory Manager

TO-15

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method TO-15 Volatiles Data
for York Analytical Laboratories, Inc., SDG: 25E0530

6 Soil Vapor/Air Samples and 1 Field Duplicate
Collected May 7, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were analyzed within recommended USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010), as required.

The %RSDs for 5 compounds (highlighted yellow on attached FORM VI) were above the allowable maximum (30%) for TO15 AIR3 on 02-13-25. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for acrylonitrile, chloromethane, and hexachlorobutadiene were above the allowable maximum (30%) on 05-14-25 (TV030888.D). The %Ds for acrylonitrile, chloromethane, and hexachlorobutadiene were above the allowable maximum (30%) on 05-15-25 (TV030906.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Duplicate: The relative percent differences for applicable compounds were below the allowable maximum (25%) for sample 25SV-1, as required.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Laboratory Control Sample: The percent recovery (%R) for bromoform and hexachlorobutadiene were above QC limits for air/vapor sample BE51280-BS1. The positive results for these compounds should be considered estimated, biased high (J+) in associated air/soil vapor samples.

The %R for chloromethane was below QC limits, but not below 10% for air/vapor sample BE51280-BS1. The positive results for chloromethane should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated air/soil vapor samples.

Field Duplicates: The relative percent differences for applicable compounds were below the allowable maximum (25%) for soil vapor field duplicate pair 25SV-2/25SV-DUP-1 (attached table), as required.

Compound ID: Checked compounds were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Canister Pressure: The laboratory reported "received" pressure for samples below zero (residual vacuum), as required.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0530
Client:	Vektor Consultants	Project:	32-20 38th Avenue
Matrix:	Air		
Batch:	BE51280	Laboratory ID:	BE51280-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.80	98.0	70 - 130
1,1,1-Trichloroethane	10.0	11.3	113	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.02	90.2	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.4	114	70 - 130
1,1,2-Trichloroethane	10.0	9.09	90.9	70 - 130
1,1-Dichloroethane	10.0	10.4	104	70 - 130
1,1-Dichloroethylene	10.0	10.4	104	70 - 130
1,2,4-Trichlorobenzene	10.0	8.72	87.2	70 - 130
1,2,4-Trimethylbenzene	10.0	9.88	98.8	70 - 130
1,2-Dibromoethane	10.0	9.83	98.3	70 - 130
1,2-Dichlorobenzene	10.0	10.8	108	70 - 130
1,2-Dichloroethane	10.0	11.7	117	70 - 130
1,2-Dichloropropane	10.0	8.76	87.6	70 - 130
1,2-Dichlorotetrafluoroethane	10.0	7.72	77.2	70 - 130
1,3,5-Trimethylbenzene	10.0	9.94	99.4	70 - 130
1,3-Butadiene	10.0	9.90	99.0	70 - 130
1,3-Dichlorobenzene	10.0	11.6	116	70 - 130
1,3-Dichloropropane	10.0	9.53	95.3	70 - 130
1,4-Dichlorobenzene	10.0	12.2	122	70 - 130
1,4-Dioxane	10.0	9.98	99.8	70 - 130
2,2,4-Trimethylpentane	10.0	11.0	110	70 - 130
2-Butanone	10.0	9.69	96.9	70 - 130
2-Hexanone	10.0	8.33	83.3	70 - 130
3-Chloropropene	10.0	10.7	107	70 - 130
4-Methyl-2-pentanone	10.0	8.45	84.5	70 - 130
Acetone	10.0	9.74	97.4	70 - 130
Acrylonitrile	10.0	10.4	104	70 - 130
Benzene	10.0	10.6	106	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0530
Client:	Vektor Consultants	Project:	32-20 38th Avenue
Matrix:	Air		
Batch:	BE51280	Laboratory ID:	BE51280-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Benzyl chloride	10.0	8.87	88.7	70 - 130
Bromodichloromethane	10.0	9.23	92.3	70 - 130
Bromoform	10.0	13.1	131 *	70 - 130
Bromomethane	10.0	11.4	114	70 - 130
Carbon disulfide	10.0	11.0	110	70 - 130
Carbon tetrachloride	10.0	11.9	119	70 - 130
Chlorobenzene	10.0	9.81	98.1	70 - 130
Chloroethane	10.0	11.3	113	70 - 130
Chloroform	10.0	10.8	108	70 - 130
Chloromethane	10.0	6.83	68.3 *	70 - 130
cis-1,2-Dichloroethylene	10.0	10.6	106	70 - 130
cis-1,3-Dichloropropylene	10.0	10.1	101	70 - 130
Cyclohexane	10.0	10.5	105	70 - 130
Dibromochloromethane	10.0	10.6	106	70 - 130
Dichlorodifluoromethane	10.0	10.5	105	70 - 130
Ethyl acetate	10.0	9.53	95.3	70 - 130
Ethyl Benzene	10.0	9.51	95.1	70 - 130
Hexachlorobutadiene	10.0	15.7	157 *	70 - 130
Isopropanol	10.0	8.36	83.6	70 - 130
Methyl Methacrylate	10.0	8.85	88.5	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.6	116	70 - 130
Methylene chloride	10.0	9.89	98.9	70 - 130
Naphthalene	10.0	9.51	95.1	70 - 130
n-Heptane	10.0	9.91	99.1	70 - 130
n-Hexane	10.0	10.5	105	70 - 130
o-Xylene	10.0	9.33	93.3	70 - 130
p- & m- Xylenes	20.0	18.3	91.6	70 - 130
p-Ethyltoluene	10.0	10.2	102	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0530
Client:	Vektor Consultants	Project:	32-20 38th Avenue
Matrix:	Air		
Batch:	BE51280	Laboratory ID:	BE51280-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Propylene	10.0	8.91	89.1	70 - 130
Styrene	10.0	9.97	99.7	70 - 130
Tetrachloroethylene	10.0	11.9	119	70 - 130
Tetrahydrofuran	10.0	9.88	98.8	70 - 130
Toluene	10.0	9.48	94.8	70 - 130
trans-1,2-Dichloroethylene	10.0	10.5	105	70 - 130
trans-1,3-Dichloropropylene	10.0	10.2	102	70 - 130
Trichloroethylene	10.0	9.41	94.1	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.1	111	70 - 130
Vinyl acetate	10.0	9.49	94.9	70 - 130
Vinyl bromide	10.0	12.2	122	70 - 130
Vinyl Chloride	10.0	8.67	86.7	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. SDG: 25E0530

Client: Vektor Consultants Project: 32-20 38th Avenue

Calibration: SB50035 Instrument: TO15_AIR3

Calibration Date: 02/13/25 18:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.5108796	9.163984	19.07886	1.945516E-02			30	
1,1,1-Trichloroethane	1.945123	9.682937	12.62207	2.580209E-02			30	
1,1,2,2-Tetrachloroethane	0.8752536	5.971969	20.89614	1.451648E-02			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.921933	9.732993	8.370143	2.083112E-02			30	
1,1,2-Trichloroethane	0.35923	8.598804	16.92007	2.291789E-02			30	
1,1-Dichloroethane	1.56486	4.452607	10.60836	1.734226E-02			30	
1,1-Dichloroethylene	1.316351	3.973662	8.597688	2.637153E-02			30	
1,2,4-Trichlorobenzene	0.5622747	38.08177	27.094	1.298139E-02			30	*
1,2,4-Trimethylbenzene	1.369696	9.555254	22.63614	1.038416E-02			30	
1,2-Dibromoethane	0.5272258	15.81078	18.22971	1.837705E-02			30	
1,2-Dichlorobenzene	0.815497	23.44126	24.355	1.531723E-02			30	
1,2-Dichloroethane	1.104052	3.360132	13.15957	2.150607E-02			30	
1,2-Dichloropropane	0.2895865	3.886721	14.55343	2.088935E-02			30	
1,2-Dichlorotetrafluoroethane	2.701731	3.001544	5.374429	2.150392E-02			30	
1,3,5-Trimethylbenzene	1.327987	6.42252	21.79893	7.848137E-03			30	
1,3-Butadiene	0.6485865	4.242103	5.954571	3.013176E-02			30	
1,3-Dichlorobenzene	0.7781809	29.72179	23.46793	2.877031E-03			30	
1,3-Dichloropropane	0.4824693	7.551956	17.34593	1.942113E-02			30	
1,4-Dichlorobenzene	0.7378027	35.73004	23.65514	1.882375E-02			30	*
1,4-Dioxane	0.1906283	7.165751	14.87786	2.992239E-02			30	
2,2,4-Trimethylpentane	4.166462	4.223284	12.93837	2.188906E-02			30	
2-Butanone	1.574915	3.126781	11.215	2.595589E-02			30	
2-Hexanone	0.4517673	14.13292	16.9285	2.689152E-02			30	
3-Chloropropene	0.9072515	3.017196	9.191429	3.131049E-02			30	
4-Methyl-2-pentanone	0.5113968	7.016713	15.45857	2.683374E-02			30	
Acetone	1.193605	7.971193	8.206357	5.845248E-02			30	
Acrolein	0.3816043	6.291576	8.097572	2.561975E-02			30	
Acrylonitrile	0.7533379	4.748617	9.421357	3.200473E-02			30	
Benzene	2.995693	6.43593	13.29129	1.773678E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0530
Client: Vektor Consultants
Project: 32-20 38th Avenue
Calibration: SB50035
Instrument: TO15_AIR3
Calibration Date: 02/13/25 18:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Benzyl chloride	0.2408498	38.85808	23.80354	2.032284E-02			30	*
Bromodichloromethane	0.5695835	8.019297	14.91686	0.0227285			30	
Bromoform	0.5384709	29.55579	20.64393	1.384991E-02			30	
Bromomethane	0.8997606	8.253681	6.753071	8.536496E-03			30	
Carbon disulfide	2.697296	6.11523	9.478786	1.418892E-02			30	
Carbon tetrachloride	1.939362	12.59676	13.089	1.559485E-02			30	
Chlorobenzene	0.9262688	6.531842	19.02964	1.103511E-02			30	
Chloroethane	0.460661	4.939446	6.9245	3.892164E-02			30	
Chloroform	1.973287	7.35627	11.882	2.909544E-02			30	
Chloromethane	0.6694955	5.429134	5.6015	4.034131E-02			30	
cis-1,2-Dichloroethylene	1.19569	4.641126	11.60688	3.256756E-02			30	
cis-1,3-Dichloropropylene	0.4390412	9.159486	15.80921	1.302158E-02			30	
Cyclohexane	1.403985	4.912714	12.792	2.546029E-02			30	
Dibromochloromethane	0.5934745	17.32317	17.85714	0.0149053			30	
Dichlorodifluoromethane	2.276253	6.494594	5.111643	3.336524E-02			30	
Ethanol	0.4208361	28.39464	7.034357	5.754911E-02			30	
Ethyl acetate	1.809414	3.189701	11.52007	1.503803E-02			30	
Ethyl Benzene	1.45521	4.661055	19.13564	1.382524E-02			30	
Hexachlorobutadiene	0.5605023	23.05505	27.36843	9.970134E-03			30	
Isopropanol	2.492656	79.48295	7.9755	7.776036E-02			30	*
Isopropylbenzene	1.648268	6.434466	20.72021	1.598674E-02			30	
Methyl Methacrylate	0.3063682	10.72515	14.566	6.618552E-03			30	
Methyl tert-butyl ether (MTBE)	2.442565	7.308953	9.746429	7.202686E-02			30	
Methylene chloride	0.9077649	2.362705	9.3435	0.0218535			30	
Naphthalene	1.296457	45.91925	27.49	5.534952E-03			30	*
n-Butylbenzene	1.462616	21.37751	24.09264	0.0074132			30	
n-Heptane	1.334046	7.473773	13.305	2.350889E-02			30	
n-Hexane	1.349056	5.145076	10.23443	1.643846E-02			30	
n-Propylbenzene	1.920439	8.810263	21.48893	1.373389E-02			30	
o-Xylene	1.143821	6.443542	20.06514	1.010397E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E0530
Client: Vektor Consultants
Project: 32-20 38th Avenue
Calibration: SB50035
Instrument: TO15_AIR3
Calibration Date: 02/13/25 18:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
p- & m- Xylenes	1.106659	8.044317	19.28071	6.913592E-03			30	
p-Ethyltoluene	1.605136	12.13342	21.71207	1.794338E-02			30	
p-Isopropyltoluene	1.764653	11.5164	23.29686	1.885854E-02			30	
Propylene	0.4153849	3.930896	5.040786	3.805517E-02			30	
sec-Butylbenzene	2.084523	8.131879	23.03171	1.915419E-02			30	
Styrene	0.8774307	16.80275	20.08414	1.946172E-02			30	
tert-Butylbenzene	1.564186	8.532093	22.563	1.583866E-02			30	
Tetrachloroethylene	0.4605119	12.90398	17.66086	3.062907E-03			30	
Tetrahydrofuran	0.883823	1.523808	12.20764	4.005253E-02			30	
Toluene	1.023316	4.999987	16.46593	1.749061E-02			30	
trans-1,2-Dichloroethylene	1.244772	4.524223	9.947	2.600529E-02			30	
trans-1,3-Dichloropropylene	0.3773475	13.38721	16.62507	8.761907E-03			30	
Trichloroethylene	0.3770635	7.098554	14.32412	2.234548E-02			30	
Trichlorofluoromethane (Freon 11)	2.215284	9.264914	7.501071	2.958869E-02			30	
Vinyl acetate	1.870941	8.794401	10.55393	2.583062E-02			30	
Vinyl bromide	0.8930613	11.49729	7.379714	3.212686E-02			30	
Vinyl Chloride	0.9204408	6.512901	5.871312	3.514808E-02			30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0530
Client:	Vektor Consultants	Project:	32-20 38th Avenue
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030888.D	Calibration Date:	02/13/25 18:13
Sequence:	S5E1605	Injection Date:	05/14/25
Lab Sample ID:	S5E1605-CCV1	Injection Time:	13:39

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	10.0	9.38	0.5108796	0.4788523		-6.3	30	
1,1,1-Trichloroethane	A	10.0	10.7	1.945123	2.075846		6.7	30	
1,1,2,2-Tetrachloroethane	A	10.0	8.75	0.8752536	0.7653871		-12.6	30	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	10.0	10.9	1.921933	2.092838		8.9	30	
1,1,2-Trichloroethane	A	10.0	8.60	0.35923	0.3089201		-14.0	30	
1,1-Dichloroethane	A	10.0	10.4	1.56486	1.62461		3.8	30	
1,1-Dichloroethylene	A	10.0	10.2	1.316351	1.346995		2.3	30	
1,2,4-Trichlorobenzene	A	10.0	8.25	0.5622747	0.4648554		-17.3	30	
1,2,4-Trimethylbenzene	A	10.0	9.45	1.369696	1.292758		-5.6	30	
1,2-Dibromoethane	A	10.0	9.48	0.5272258	0.4999559		-5.2	30	
1,2-Dichlorobenzene	A	10.0	10.3	0.815497	0.8408138		3.1	30	
1,2-Dichloroethane	A	10.0	11.4	1.104052	1.111562		0.7	30	
1,2-Dichloropropane	A	10.0	8.43	0.2895865	0.2441402		-15.7	30	
1,2-Dichlorotetrafluoroethane	A	10.0	7.46	2.701731	2.015592		-25.4	30	
1,3,5-Trimethylbenzene	A	10.0	9.48	1.327987	1.266752		-4.6	30	
1,3-Butadiene	A	10.0	9.68	0.6485865	0.6283939		-3.1	30	
1,3-Dichlorobenzene	A	10.0	11.0	0.7781809	0.8523388		9.5	30	
1,3-Dichloropropane	A	10.0	9.31	0.4824693	0.4491532		-6.9	30	
1,4-Dichlorobenzene	A	10.0	11.6	0.7152906	0.8315281		16.3	30	
1,4-Dioxane	A	10.0	9.33	0.1906283	0.1779138		-6.7	30	
2,2,4-Trimethylpentane	A	10.0	10.1	4.166462	4.197307		0.7	30	
2-Butanone	A	10.0	9.78	1.574915	1.541654		-2.1	30	
2-Hexanone	A	10.0	8.21	0.4517673	0.3708497		-17.9	30	
3-Chloropropene	A	10.0	10.2	0.9072515	0.9222139		1.6	30	
4-Methyl-2-pentanone	A	10.0	8.34	0.5113968	0.4265003		-16.6	30	
Acetone	A	10.0	10.4	1.193605	1.237446		3.7	30	
Acrolein	A	10.0	10.0	0.3816043	0.3828301		0.3	30	
Acrylonitrile	A	10.0	15.6	0.7533379	1.17193		55.6	30 *	
Benzene	A	10.0	10.3	2.995693	3.081058		2.8	30	
Benzyl chloride	A	10.0	8.48	0.2878526	0.244662		-15.0	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0530
Client:	Vektor Consultants	Project:	32-20 38th Avenue
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030888.D	Calibration Date:	02/13/25 18:13
Sequence:	S5E1605	Injection Date:	05/14/25
Lab Sample ID:	S5E1605-CCV1	Injection Time:	13:39

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Bromodichloromethane	A	10.0	8.79	0.5695835	0.5010756		-12.0	30	
Bromoform	A	10.0	12.6	0.5568636	0.7018333		26.0	30	
Bromomethane	A	10.0	10.9	0.8997606	0.977591		8.7	30	
Carbon disulfide	A	10.0	11.0	2.697296	2.958041		9.7	30	
Carbon tetrachloride	A	10.0	11.4	1.939362	2.21171		14.0	30	
Chlorobenzene	A	10.0	9.53	0.9262688	0.8815865		-4.8	30	
Chloroethane	A	10.0	10.8	0.460661	0.499082		8.3	30	
Chloroform	A	10.0	10.4	1.973287	2.058571		4.3	30	
Chloromethane	A	10.0	6.69	0.6694955	0.4484495		-33.0	30 *	
cis-1,2-Dichloroethylene	A	10.0	10.3	1.19569	1.232236		3.1	30	
cis-1,3-Dichloropropylene	A	10.0	9.62	0.4390412	0.4225585		-3.8	30	
Cyclohexane	A	10.0	10.2	1.403985	1.429933		1.8	30	
Dibromochloromethane	A	10.0	10.2	0.5934745	0.6053201		2.0	30	
Dichlorodifluoromethane	A	10.0	10.2	2.276253	2.31934		1.9	30	
Ethanol	A	10.0	11.3	0.4208361	0.4743514		12.7	30	
Ethyl acetate	A	10.0	9.67	1.809414	1.750923		-3.2	30	
Ethyl Benzene	A	10.0	9.17	1.45521	1.333256		-8.4	30	
Hexachlorobutadiene	A	10.0	13.6	0.5605023	0.7633063		36.2	30 *	
Isopropanol	A	10.0	7.71	1.7794	1.372214		-22.9	30	
Isopropylbenzene	A	10.0	9.64	1.648268	1.587159		-3.7	30	
Methyl Methacrylate	A	10.0	8.81	0.3063682	0.2699655		-11.9	30	
Methyl tert-butyl ether (MTBE)	A	10.0	11.2	2.442565	2.737213		12.1	30	
Methylene chloride	A	10.0	9.61	0.9077649	0.8727942		-3.9	30	
Naphthalene	A	10.0	8.88	1.52197	1.35313		-11.1	30	
n-Butylbenzene	A	10.0	9.07	1.462616	1.32486		-9.4	30	
n-Heptane	A	10.0	9.74	1.334046	1.299224		-2.6	30	
n-Hexane	A	10.0	10.3	1.349056	1.385025		2.7	30	
n-Propylbenzene	A	10.0	9.33	1.920439	1.791254		-6.7	30	
o-Xylene	A	10.0	9.00	1.143821	1.028859		-10.1	30	
p- & m- Xylenes	A	20.0	17.7	1.106659	0.9794359		-11.5	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0530
Client:	Vektor Consultants	Project:	32-20 38th Avenue
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030888.D	Calibration Date:	02/13/25 18:13
Sequence:	S5E1605	Injection Date:	05/14/25
Lab Sample ID:	S5E1605-CCV1	Injection Time:	13:39

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
p-Ethyltoluene	A	10.0	9.84	1.605136	1.562956		-2.6	30	
p-Isopropyltoluene	A	10.0	9.29	1.764653	1.639074		-7.1	30	
Propylene	A	10.0	8.87	0.4153849	0.3687781		-11.2	30	
sec-Butylbenzene	A	10.0	9.24	2.084523	1.924014		-7.7	30	
Styrene	A	10.0	9.71	0.8774307	0.8512883		-3.0	30	
tert-Butylbenzene	A	10.0	9.48	1.564186	1.481936		-5.3	30	
Tetrachloroethylene	A	10.0	11.4	0.4605119	0.5276202		14.6	30	
Tetrahydrofuran	A	10.0	9.77	0.883823	0.8646087		-2.2	30	
Toluene	A	10.0	9.23	1.023316	0.9449941		-7.7	30	
trans-1,2-Dichloroethylene	A	10.0	10.4	1.244772	1.290909		3.7	30	
trans-1,3-Dichloropropylene	A	10.0	9.67	0.3773475	0.3648351		-3.3	30	
Trichloroethylene	A	10.0	9.04	0.3770635	0.3409608		-9.6	30	
Trichlorofluoromethane (Freon 11)	A	10.0	10.6	2.215284	2.350446		6.1	30	
Vinyl acetate	A	10.0	9.27	1.870941	1.734526		-7.3	30	
Vinyl bromide	A	10.0	11.4	0.8930613	1.013964		13.5	30	
Vinyl Chloride	A	10.0	8.65	0.9204408	0.796491		-13.5	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0530
Client:	Vektor Consultants	Project:	32-20 38th Avenue
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030906.D	Calibration Date:	02/13/25 18:13
Sequence:	S5E1607	Injection Date:	05/15/25
Lab Sample ID:	S5E1607-CCV1	Injection Time:	09:49

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	10.0	9.73	0.5108796	0.496589		-2.8	30	
1,1,1-Trichloroethane	A	10.0	11.0	1.945123	2.141416		10.1	30	
1,1,2,2-Tetrachloroethane	A	10.0	8.91	0.8752536	0.7788235		-11.0	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.2	1.921933	2.162494		12.5	30	
1,1,2-Trichloroethane	A	10.0	8.85	0.35923	0.3181386		-11.4	30	
1,1-Dichloroethane	A	10.0	10.7	1.56486	1.679916		7.4	30	
1,1-Dichloroethylene	A	10.0	10.5	1.316351	1.387116		5.4	30	
1,2,4-Trichlorobenzene	A	10.0	8.19	0.5622747	0.4615307		-17.9	30	
1,2,4-Trimethylbenzene	A	10.0	9.70	1.369696	1.327326		-3.1	30	
1,2-Dibromoethane	A	10.0	9.80	0.5272258	0.5169206		-2.0	30	
1,2-Dichlorobenzene	A	10.0	10.7	0.815497	0.8716377		6.9	30	
1,2-Dichloroethane	A	10.0	11.8	1.104052	1.1493		4.1	30	
1,2-Dichloropropane	A	10.0	8.70	0.2895865	0.2520626		-13.0	30	
1,2-Dichlorotetrafluoroethane	A	10.0	7.78	2.701731	2.101455		-22.2	30	
1,3,5-Trimethylbenzene	A	10.0	9.78	1.327987	1.306438		-1.6	30	
1,3-Butadiene	A	10.0	9.97	0.6485865	0.6468436		-0.3	30	
1,3-Dichlorobenzene	A	10.0	11.4	0.7781809	0.8884348		14.2	30	
1,3-Dichloropropane	A	10.0	9.67	0.4824693	0.466786		-3.3	30	
1,4-Dichlorobenzene	A	10.0	12.1	0.7152906	0.8663076		21.1	30	
1,4-Dioxane	A	10.0	9.64	0.1906283	0.1837732		-3.6	30	
2,2,4-Trimethylpentane	A	10.0	10.4	4.166462	4.344328		4.3	30	
2-Butanone	A	10.0	10.1	1.574915	1.589101		0.9	30	
2-Hexanone	A	10.0	8.39	0.4517673	0.379235		-16.1	30	
3-Chloropropene	A	10.0	10.4	0.9072515	0.9474106		4.4	30	
4-Methyl-2-pentanone	A	10.0	8.61	0.5113968	0.440653		-13.8	30	
Acetone	A	10.0	10.7	1.193605	1.275746		6.9	30	
Acrolein	A	10.0	10.3	0.3816043	0.3945468		3.4	30	
Acrylonitrile	A	10.0	16.1	0.7533379	1.210591		60.7	30 *	
Benzene	A	10.0	10.6	2.995693	3.171838		5.9	30	
Benzyl chloride	A	10.0	8.71	0.2878526	0.2511885		-12.7	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0530
Client:	Vektor Consultants	Project:	32-20 38th Avenue
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030906.D	Calibration Date:	02/13/25 18:13
Sequence:	S5E1607	Injection Date:	05/15/25
Lab Sample ID:	S5E1607-CCV1	Injection Time:	09:49

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Bromodichloromethane	A	10.0	9.09	0.5695835	0.5177581		-9.1	30	
Bromoform	A	10.0	13.0	0.5568636	0.7220298		29.7	30	
Bromomethane	A	10.0	11.2	0.8997606	1.011479		12.4	30	
Carbon disulfide	A	10.0	11.3	2.697296	3.046407		12.9	30	
Carbon tetrachloride	A	10.0	11.7	1.939362	2.278238		17.5	30	
Chlorobenzene	A	10.0	9.92	0.9262688	0.9179253		-0.9	30	
Chloroethane	A	10.0	11.2	0.460661	0.5141737		11.6	30	
Chloroform	A	10.0	10.8	1.973287	2.124742		7.7	30	
Chloromethane	A	10.0	6.92	0.6694955	0.4632637		-30.8	30 *	
cis-1,2-Dichloroethylene	A	10.0	10.6	1.19569	1.26644		5.9	30	
cis-1,3-Dichloropropylene	A	10.0	9.88	0.4390412	0.4337176		-1.2	30	
Cyclohexane	A	10.0	10.5	1.403985	1.480204		5.4	30	
Dibromochloromethane	A	10.0	10.6	0.5934745	0.6272261		5.7	30	
Dichlorodifluoromethane	A	10.0	10.2	2.276253	2.330179		2.4	30	
Ethanol	A	10.0	11.6	0.4208361	0.4876375		15.9	30	
Ethyl acetate	A	10.0	9.96	1.809414	1.802142		-0.4	30	
Ethyl Benzene	A	10.0	9.56	1.45521	1.390165		-4.5	30	
Hexachlorobutadiene	A	10.0	14.1	0.5605023	0.791497		41.2	30 *	
Isopropanol	A	10.0	7.95	1.7794	1.414988		-20.5	30	
Isopropylbenzene	A	10.0	9.88	1.648268	1.62644		-1.3	30	
Methyl Methacrylate	A	10.0	9.06	0.3063682	0.2777917		-9.3	30	
Methyl tert-butyl ether (MTBE)	A	10.0	11.5	2.442565	2.817394		15.3	30	
Methylene chloride	A	10.0	9.92	0.9077649	0.9005071		-0.8	30	
Naphthalene	A	10.0	8.90	1.52197	1.356675		-10.9	30	
n-Butylbenzene	A	10.0	9.23	1.462616	1.348801		-7.8	30	
n-Heptane	A	10.0	10.0	1.334046	1.341727		0.6	30	
n-Hexane	A	10.0	10.6	1.349056	1.432205		6.2	30	
n-Propylbenzene	A	10.0	9.58	1.920439	1.83775		-4.3	30	
o-Xylene	A	10.0	9.33	1.143821	1.066293		-6.8	30	
p- & m- Xylenes	A	20.0	18.4	1.106659	1.018311		-8.0	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E0530
Client:	Vektor Consultants	Project:	32-20 38th Avenue
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030906.D	Calibration Date:	02/13/25 18:13
Sequence:	S5E1607	Injection Date:	05/15/25
Lab Sample ID:	S5E1607-CCV1	Injection Time:	09:49

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
p-Ethyltoluene	A	10.0	10.1	1.605136	1.607702		0.2	30	
p-Isopropyltoluene	A	10.0	9.56	1.764653	1.686751		-4.4	30	
Propylene	A	10.0	8.52	0.4153849	0.3540345		-14.8	30	
sec-Butylbenzene	A	10.0	9.46	2.084523	1.971104		-5.4	30	
Styrene	A	10.0	10.1	0.8774307	0.8835402		0.7	30	
tert-Butylbenzene	A	10.0	9.76	1.564186	1.525394		-2.5	30	
Tetrachloroethylene	A	10.0	11.9	0.4605119	0.546584		18.7	30	
Tetrahydrofuran	A	10.0	10.1	0.883823	0.8950737		1.3	30	
Toluene	A	10.0	9.51	1.023316	0.9736528		-4.9	30	
trans-1,2-Dichloroethylene	A	10.0	10.7	1.244772	1.335429		7.3	30	
trans-1,3-Dichloropropylene	A	10.0	9.96	0.3773475	0.3759744		-0.4	30	
Trichloroethylene	A	10.0	9.34	0.3770635	0.3520769		-6.6	30	
Trichlorofluoromethane (Freon 11)	A	10.0	11.0	2.215284	2.428583		9.6	30	
Vinyl acetate	A	10.0	9.17	1.870941	1.716749		-8.2	30	
Vinyl bromide	A	10.0	11.7	0.8930613	1.043707		16.9	30	
Vinyl Chloride	A	10.0	8.76	0.9204408	0.8062145		-12.4	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Field Duplicate Calculation Section

Volatiles TO-15

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 25E0530

S1= 25SV-2 **S2=** 25SV-DUP-1

Analyte	S1	S2	RPD (%)
1,1,1-Trichloroethane	12	12	0%
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62	61	2%
Carbon tetrachloride	8.3	7.6	9%
Chloroform	35	35	0%
cis-1,2-Dichloroethylene	2.2	2	10%
Tetrachloroethylene	5900	7300	21%
Toluene	7.8	7.1	9%
Trichloroethylene	4200	4100	2%
Trichlorofluoromethane (Freon 11)	3300	3200	3%

* RPD is above the allowable maximum (25%).

All results are in ug/m^3.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

25E1667

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
York Analytical Laboratories, Inc., SDG: 25E1667

6 Soil Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected May 27, 2025

Prepared by: Donald Anné
October 31, 2025

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 6 soil samples, 1 field duplicate, 1 field blank, and 1 trip blank analyzed for volatiles.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the analytical method.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The "not detected" volatile results for 1,2,4-trimethylbenzene, 1,3-dichlorobenzene, p-isopropyltoluene, and styrene were qualified as "estimated" (UJ) for samples 25SB-16(2-4), 25SB-17(0-2), 25SB-17(2-4), and DUP-04(0-2) because 1 or 2 percent recoveries for these compounds were below QC limits, but not below 10% in the associated soil LCS/LCSD.

- The "not detected" volatile result for methylcyclohexane was qualified as "estimated" (UJ) for sample 25SB-17(12-14) because 2 of 2 percent recoveries for methylcyclohexane were below QC limits, but not below 10% in the soil MS/MSD.

- The "not detected" volatile results for 8 compounds (except methylcyclohexane) were qualified as "estimated" (UJ) for sample 25SB-17(12-14) because 1 or 2 percent recoveries for these 8 compounds were below QC limits, but not below 10% in the associated soil LCS/LCSD.

- The "not detected" volatile results for cyclohexane and dichlorodifluoromethane were qualified as "estimated" (UJ) for samples TB-4 and FB-4 because 1 or 2 percent recoveries for these compounds were below QC limits, but not below 30% in the associated aqueous LCS/LCSD.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

- The “not detected” volatile results for 1,4-dioxane were qualified as “rejected, unusable” (R) for samples TB-4 and FB-4 because 2 of 2 percent recoveries for 1,4-dioxane were below QC limits and below 30% in the associated aqueous LCS/LCSD.

All data that are not qualified rejected (R) are considered usable with estimated (UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Sample Information

Client Sample ID: 25SB-16(0-2)

York Sample ID: 25E1667-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-16(0-2)

York Sample ID: 25E1667-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-16(0-2)

York Sample ID: 25E1667-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Sample Information

Client Sample ID: 25SB-16(0-2) **York Sample ID:** 25E1667-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:00 am	05/27/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.1		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-16(2-4) **York Sample ID:** 25E1667-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-16(2-4) **York Sample ID:** 25E1667-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-16(2-4) **York Sample ID:** 25E1667-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-16(2-4) **York Sample ID:** 25E1667-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D	05/29/2025 08:00	05/29/2025 20:35	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**99.7**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-16(11-13) **York Sample ID:** 25E1667-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-16(11-13) **York Sample ID:** 25E1667-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-16(11-13) **York Sample ID:** 25E1667-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-16(11-13) **York Sample ID:** 25E1667-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	**Tetrachloroethylene**	**0.0096**		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	**Trichloroethylene**	**0.0066**		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	06/02/2025 07:00	06/02/2025 14:33	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.8**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-17(0-2) **York Sample ID:** 25E1667-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-17(0-2) **York Sample ID:** 25E1667-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.099	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.0099	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-17(0-2) **York Sample ID:** 25E1667-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.0099	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-17(0-2) **York Sample ID:** 25E1667-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.0099	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.0099	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:28	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25SB-17(0-2) **York Sample ID:** 25E1667-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:30 am	05/27/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.1**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-17(2-4) **York Sample ID:** 25E1667-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-17(2-4) **York Sample ID:** 25E1667-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-17(2-4) **York Sample ID:** 25E1667-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-17(2-4) **York Sample ID:** 25E1667-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D	05/29/2025 08:00	05/29/2025 21:54	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.7**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25SB-17(12-14) **York Sample ID:** 25E1667-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25SB-17(12-14) **York Sample ID:** 25E1667-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND	UJ QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-17(12-14) **York Sample ID:** 25E1667-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND	UJ	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25SB-17(12-14) **York Sample ID:** 25E1667-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D	05/30/2025 08:48	05/30/2025 14:15	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: DUP-4(0-2) **York Sample ID:** 25E1667-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: DUP-4(0-2) **York Sample ID:** 25E1667-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: DUP-4(0-2) **York Sample ID:** 25E1667-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: DUP-4(0-2) **York Sample ID:** 25E1667-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260D	05/29/2025 08:00	05/29/2025 22:20	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: DUP-4(0-2) **York Sample ID:** 25E1667-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 10:02 am	05/27/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.8**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: FB-4 **York Sample ID:** 25E1667-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 9:51 am	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: FB-4 **York Sample ID:** 25E1667-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 9:51 am	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	R CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND	CCVE	ug/L	0.163	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: FB-4 **York Sample ID:** 25E1667-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 9:51 am	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	UJ CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	UJ ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: FB-4 **York Sample ID:** 25E1667-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 9:51 am	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/03/2025 11:00	06/03/2025 17:33	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.3 %*	*79-122*

Sample Information

Client Sample ID: TB-4 **York Sample ID:** 25E1667-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 2:00 pm	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: TB-4 **York Sample ID:** 25E1667-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 2:00 pm	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	R CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: TB-4 **York Sample ID:** 25E1667-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 2:00 pm	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND	CCVE	ug/L	0.163	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	UJ ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	UJ CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**3.79**		ug/L	0.397	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: TB-4 **York Sample ID:** 25E1667-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1667	32-20 38th Avenue, Queens New York	Water	May 27, 2025 2:00 pm	05/27/2025

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/03/2025 11:00	06/03/2025 15:54	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*111 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.7 %*	*79-122*

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data for
York Analytical Laboratories, Inc., SDG: 25E1667

6 Soil Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected May 27, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-butanone, 2-hexanone, and bromoform were below the method minimums, but not below 0.010 for VOA No.3 on 05-07-25. The average RRF for bromoform was below the method minimums, but not below 0.010 for VOA No.5 on 05-21-25. The average RRFs for 2-butanone, 2-hexanone, acetone, and bromoform were below the method minimums, but not below 0.010 for QVOA9 on 05-28-25. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %RSD for 1,2,4-trichlorobenzene was above the allowable maximum (30%) for VOA No.3 on 05-07-25. The %RSDs for bromoform, methylene chloride, and trans-1,3-dichloropropylene were above the allowable maximum (30%) for VOA No.3 on 05-21-25. The %RSDs for acetone, bromomethane, chloroethane, chloromethane, and trichlorofluoromethane were above the allowable maximum (30%) for QVOA9 on 05-28-25. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRF for bromoform was below the method minimums, but not below 0.010 on 05-29-25 (V31905609.D). The RRFs for 2-butanone, 2-hexanone, and bromoform were below the method minimums, but not below 0.010 on 05-30-25 (V31905634.D). The RRF for bromoform was below the method minimums, but not below 0.010 on 06-02-25 (V5447026.D). The RRFs for 2-butanone, 2-hexanone, and bromoform were below the method minimums, but not below 0.010 on 05-30-25 (V31905634.D). The RRFs for 2-butanone, 2-hexanone, acetone, bromoform, and bromomethane were below

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

the method minimums, but not below 0.010 on 06-03-25 (QV935932.D). The %Ds for 10 compounds (highlighted yellow on attached FORM VII) were above the method maximum on 05-29-25 (V31905609.D). The %Ds for 8 compounds (highlighted yellow on attached FORM VII) were above the method maximum on 05-30-25 (V31905634.D). The %Ds for bromomethane, chloromethane, dichlorodifluoromethane, methyl acetate, and vinyl chloride were above the method maximum on 06-02-25 (V5447026.D). The %Ds for 6 compounds (marked with red X on attached FORM VII) were above the method maximum on 06-03-25 (QV935932.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for 10 compounds (highlighted yellow on attached FORM VII) and TBA were above the allowable maximum (20%) on 05-29-25 (V31905609.D). The %Ds for 8 compounds (highlighted yellow on attached FORM VII) and TBA were above the allowable maximum (20%) on 05-30-25 (V31905634.D). The %Ds for bromomethane, chloromethane, dichlorodifluoromethane, methyl acetate, TBA, and vinyl chloride were above the allowable maximum (20%) on 06-02-25 (V5447026.D). The %Ds for 9 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 06-03-25 (QV935932.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank BE52232-BLK1 contained a trace of methylene chloride (0.0069 mg/kg). Method blank BE52284-BLK1 contained a trace of methylene chloride (0.0071 mg/kg). Trip blank TB-4 contained a trace of methylene chloride (3.79 ug/L). Positive results for methylene chloride that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples, field blank, and trip blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 percent recoveries for methylcyclohexane were below QC limits, but not below 10% for soil MS/MSD sample 25SB-17(12-14). The “not detected” result for methylcyclohexane should be considered estimated (UJ) in sample 25SB-17(12-14).

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum, but 2 of 2 percent recoveries (%Rs) for 1,3-dichlorobenzene, p-isopropyltoluene, and styrene, and 1 of 2 %Rs for 1,2,4-trimethylbenzene were below QC limits, but not below 10% for soil samples BE52232-BS1/BSD1. The RPDs for target compounds were below the allowable maximum, but 1 or 2 %Rs for 8 compounds (highlighted yellow on attached FORM III) were below QC limits, but not below 10% for soil samples BE52284-BS1/BSD1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

The %RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for dichlorodifluoromethane were above QC limits for soil samples BF50025-BS1/BSD1. Positive results for dichlorodifluoromethane should be considered estimated, biased high (J+) in associated soil samples.

The RPD for TBA was above the allowable maximum for aqueous samples BF50204-BS1/BSD1. Positive results for TBA should be considered estimated (J) in associated aqueous samples.

Two of two %Rs for cyclohexane and 1 of 2 %Rs for dichlorodifluoromethane were below QC limits, but not below 30% for aqueous samples BF50204-BS1/BSD1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Two of two %Rs for 1,4-dioxane were below QC limits and below 30% for aqueous samples BF50204-BS1/BSD1. Positive results for 1,4-dioxane should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

Field Duplicates: The analyses of soil field duplicate pair 25SB-16(0-2)/DUP-4(0-2) reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compounds and surrogates were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-17(12-14)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52284	Laboratory ID:	BE52284-MS1
Preparation:	EPA 5035A	Initial/Final:	4.3 g / 5 ml

Source Sample Name: 25SB-17(12-14)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	0.00	33.6	67.1	15 - 161
1,1,1-Trichloroethane	50.0	0.00	39.0	78.1	42 - 145
1,1,2,2-Tetrachloroethane	50.0	0.00	34.9	69.8	16 - 167
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	0.00	39.8	79.6	11 - 160
1,1,2-Trichloroethane	50.0	0.00	37.3	74.7	44 - 145
1,1-Dichloroethane	50.0	0.00	39.5	79.0	46 - 142
1,1-Dichloroethylene	50.0	0.00	41.0	81.9	30 - 153
1,2,3-Trichlorobenzene	50.0	0.00	34.6	69.2	10 - 157
1,2,3-Trichloropropane	50.0	0.00	33.3	66.7	38 - 155
1,2,4-Trichlorobenzene	50.0	0.00	33.5	67.1	10 - 151
1,2,4-Trimethylbenzene	50.0	0.00	30.8	61.7	10 - 170
1,2-Dibromo-3-chloropropane	50.0	0.00	34.1	68.3	36 - 138
1,2-Dibromoethane	50.0	0.00	36.8	73.7	40 - 142
1,2-Dichlorobenzene	50.0	0.00	33.9	67.9	10 - 147
1,2-Dichloroethane	50.0	0.00	41.1	82.1	48 - 133
1,2-Dichloropropane	50.0	0.00	39.8	79.5	47 - 141
1,3,5-Trimethylbenzene	50.0	0.00	31.5	62.9	10 - 150
1,3-Dichlorobenzene	50.0	0.00	31.3	62.6	10 - 144
1,4-Dichlorobenzene	50.0	0.00	36.7	73.3	10 - 160
1,4-Dioxane	1050	0.00	712	67.8	10 - 191
2-Butanone	50.0	0.00	33.8	67.6	10 - 189
2-Hexanone	50.0	0.00	33.7	67.3	10 - 181
4-Methyl-2-pentanone	50.0	0.00	34.1	68.3	10 - 166
Acetone	50.0	0.00	30.6	61.1	10 - 196
Acrolein	50.0	0.00	20.7	41.4	10 - 192
Acrylonitrile	50.0	0.00	43.6	87.1	13 - 161
Benzene	50.0	0.00	39.5	79.0	43 - 139
Bromochloromethane	50.0	0.00	46.2	92.3	38 - 145
Bromodichloromethane	50.0	0.00	36.2	72.5	38 - 147
Bromoform	50.0	0.00	36.3	72.7	29 - 156
Bromomethane	50.0	0.00	37.4	74.8	10 - 166

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-17(12-14)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52284	Laboratory ID:	BE52284-MS1
Preparation:	EPA 5035A	Initial/Final:	4.3 g / 5 ml

Source Sample Name: 25SB-17(12-14)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Carbon disulfide	50.0	0.00	33.5	66.9	10 - 131
Carbon tetrachloride	50.0	0.00	39.9	79.8	35 - 145
Chlorobenzene	50.0	0.00	37.5	74.9	21 - 154
Chloroethane	50.0	0.00	44.0	88.1	15 - 160
Chloroform	50.0	0.00	38.8	77.6	47 - 142
Chloromethane	50.0	0.00	43.0	86.0	10 - 159
cis-1,2-Dichloroethylene	50.0	0.00	40.0	80.0	42 - 144
cis-1,3-Dichloropropylene	50.0	0.00	34.8	69.7	18 - 159
Cyclohexane	50.0	0.00	41.0	82.1	70 - 130
Dibromochloromethane	50.0	0.00	36.6	73.3	10 - 179
Dibromomethane	50.0	0.00	37.4	74.8	47 - 143
Dichlorodifluoromethane	50.0	0.00	42.6	85.1	10 - 145
Ethyl Benzene	50.0	0.00	35.3	70.6	11 - 158
Hexachlorobutadiene	50.0	0.00	30.9	61.8	10 - 158
Isopropylbenzene	50.0	0.00	30.9	61.8	10 - 162
Methyl acetate	50.0	0.00	41.7	83.4	10 - 149
Methyl tert-butyl ether (MTBE)	50.0	0.00	32.4	64.7	42 - 152
Methylcyclohexane	50.0	0.00	32.5	65.0 *	70 - 130
Methylene chloride	50.0	1.76	41.5	79.6	28 - 151
n-Butylbenzene	50.0	0.00	27.4	54.8	10 - 162
n-Propylbenzene	50.0	0.00	31.2	62.5	10 - 155
o-Xylene	50.0	0.00	35.2	70.4	10 - 158
p- & m- Xylenes	100	0.00	73.9	73.9	10 - 156
p-Isopropyltoluene	50.0	0.00	27.4	54.7	10 - 147
sec-Butylbenzene	50.0	0.00	28.6	57.1	10 - 157
Styrene	50.0	0.00	34.5	69.0	13 - 171
tert-Butyl alcohol (TBA)	250	0.00	159	63.6	34 - 179
tert-Butylbenzene	50.0	0.00	29.0	57.9	10 - 160
Tetrachloroethylene	50.0	0.00	32.8	65.5	30 - 167
Toluene	50.0	0.00	37.0	74.0	21 - 160
trans-1,2-Dichloroethylene	50.0	0.00	40.1	80.2	29 - 153
trans-1,3-Dichloropropylene	50.0	0.00	34.0	67.9	18 - 155

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-17(12-14)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52284	Laboratory ID:	BE52284-MS1
Preparation:	EPA 5035A	Initial/Final:	4.3 g / 5 ml

Source Sample Name: 25SB-17(12-14)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	0.00	36.3	72.6	24 - 169
Trichlorofluoromethane	50.0	0.00	39.7	79.5	35 - 142
Vinyl Chloride	50.0	0.00	42.4	84.7	12 - 160

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-17(12-14)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1667
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE52284
Laboratory ID: BE52284-MSD1
Preparation: EPA 5035A
Initial/Final: 4.26 g / 5 ml
Source Sample Name: 25SB-17(12-14)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	31.2	62.4	7.29	33	15 - 161
1,1,1-Trichloroethane	50.0	37.4	74.8	4.21	30	42 - 145
1,1,2,2-Tetrachloroethane	50.0	34.4	68.8	1.44	56	16 - 167
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	34.9	69.8	13.1	31	11 - 160
1,1,2-Trichloroethane	50.0	36.1	72.2	3.43	40	44 - 145
1,1-Dichloroethane	50.0	37.6	75.1	5.01	36	46 - 142
1,1-Dichloroethylene	50.0	37.6	75.3	8.42	31	30 - 153
1,2,3-Trichlorobenzene	50.0	31.3	62.5	10.1	47	10 - 157
1,2,3-Trichloropropane	50.0	33.4	66.9	0.329	48	38 - 155
1,2,4-Trichlorobenzene	50.0	29.1	58.2	14.1	52	10 - 151
1,2,4-Trimethylbenzene	50.0	27.6	55.3	10.9	242	10 - 170
1,2-Dibromo-3-chloropropane	50.0	33.9	67.8	0.764	54	36 - 138
1,2-Dibromoethane	50.0	36.4	72.9	1.09	39	40 - 142
1,2-Dichlorobenzene	50.0	31.3	62.6	8.13	52	10 - 147
1,2-Dichloroethane	50.0	39.8	79.5	3.24	32	48 - 133
1,2-Dichloropropane	50.0	37.8	75.5	5.19	37	47 - 141
1,3,5-Trimethylbenzene	50.0	27.7	55.5	12.6	62	10 - 150
1,3-Dichlorobenzene	50.0	28.3	56.6	10.0	51	10 - 144
1,4-Dichlorobenzene	50.0	33.3	66.6	9.55	52	10 - 160
1,4-Dioxane	1050	768	73.1	7.55	196	10 - 191
2-Butanone	50.0	33.5	66.9	0.922	67	10 - 189
2-Hexanone	50.0	34.7	69.4	3.07	60	10 - 181
4-Methyl-2-pentanone	50.0	35.4	70.9	3.76	47	10 - 166
Acetone	50.0	32.2	64.3	5.13	150	10 - 196
Acrolein	50.0	20.2	40.3	2.69	128	10 - 192
Acrylonitrile	50.0	42.2	84.5	3.10	48	13 - 161
Benzene	50.0	36.8	73.7	6.92	64	43 - 139
Bromochloromethane	50.0	43.2	86.3	6.72	30	38 - 145
Bromodichloromethane	50.0	34.7	69.4	4.31	37	38 - 147
Bromoform	50.0	35.5	71.0	2.34	51	29 - 156
Bromomethane	50.0	34.7	69.3	7.63	42	10 - 166
Carbon disulfide	50.0	31.9	63.8	4.77	36	10 - 131

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-17(12-14)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1667
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE52284
Laboratory ID: BE52284-MSD1
Preparation: EPA 5035A
Initial/Final: 4.26 g / 5 ml
Source Sample Name: 25SB-17(12-14)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon tetrachloride	50.0	37.2	74.5	6.92	31	35 - 145
Chlorobenzene	50.0	34.5	69.0	8.28	32	21 - 154
Chloroethane	50.0	41.0	81.9	7.27	40	15 - 160
Chloroform	50.0	37.1	74.2	4.48	29	47 - 142
Chloromethane	50.0	41.6	83.3	3.14	31	10 - 159
cis-1,2-Dichloroethylene	50.0	38.1	76.2	4.92	30	42 - 144
cis-1,3-Dichloropropylene	50.0	34.1	68.2	2.18	39	18 - 159
Cyclohexane	50.0	36.9	73.7	10.7	30	70 - 130
Dibromochloromethane	50.0	35.4	70.7	3.56	41	10 - 179
Dibromomethane	50.0	36.2	72.4	3.18	41	47 - 143
Dichlorodifluoromethane	50.0	40.8	81.5	4.30	34	10 - 145
Ethyl Benzene	50.0	31.6	63.3	10.8	42	11 - 158
Hexachlorobutadiene	50.0	23.9	47.7	25.7	45	10 - 158
Isopropylbenzene	50.0	28.0	56.0	9.89	57	10 - 162
Methyl acetate	50.0	45.8	91.6	9.46	64	10 - 149
Methyl tert-butyl ether (MTBE)	50.0	33.5	67.1	3.58	47	42 - 152
Methylcyclohexane	50.0	27.4	54.9 *	16.9	30	70 - 130
Methylene chloride	50.0	39.4	75.3	5.31	49	28 - 151
n-Butylbenzene	50.0	22.0	44.0	21.9	96	10 - 162
n-Propylbenzene	50.0	28.0	55.9	11.1	56	10 - 155
o-Xylene	50.0	32.0	63.9	9.56	51	10 - 158
p- & m- Xylenes	100	65.7	65.7	11.8	47	10 - 156
p-Isopropyltoluene	50.0	22.5	45.1	19.4	60	10 - 147
sec-Butylbenzene	50.0	23.5	47.0	19.5	56	10 - 157
Styrene	50.0	31.4	62.8	9.38	39	13 - 171
tert-Butyl alcohol (TBA)	250	184	73.8	14.8	35	34 - 179
tert-Butylbenzene	50.0	24.6	49.2	16.2	79	10 - 160
Tetrachloroethylene	50.0	30.1	60.2	8.37	33	30 - 167
Toluene	50.0	34.2	68.5	7.72	50	21 - 160
trans-1,2-Dichloroethylene	50.0	37.9	75.7	5.72	30	29 - 153
trans-1,3-Dichloropropylene	50.0	33.4	66.8	1.72	30	18 - 155
Trichloroethylene	50.0	34.4	68.8	5.41	30	24 - 169
Trichlorofluoromethane	50.0	35.5	71.0	11.3	30	35 - 142

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

25SB-17(12-14)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52284	Laboratory ID:	BE52284-MSD1
Preparation:	EPA 5035A	Initial/Final:	4.26 g / 5 ml

Source Sample Name: 25SB-17(12-14)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	50.0	39.8	79.6	6.21	35	12 - 160

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52232	Laboratory ID:	BE52232-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	41.6	83.2	75 - 129
1,1,1-Trichloroethane	50.0	49.8	99.7	71 - 137
1,1,2,2-Tetrachloroethane	50.0	43.7	87.4	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	35.2	70.5	58 - 146
1,1,2-Trichloroethane	50.0	46.0	92.0	83 - 123
1,1-Dichloroethane	50.0	48.6	97.2	75 - 130
1,1-Dichloroethylene	50.0	41.9	83.7	64 - 137
1,2,3-Trichlorobenzene	50.0	53.8	108	81 - 140
1,2,3-Trichloropropane	50.0	43.5	87.1	81 - 126
1,2,4-Trichlorobenzene	50.0	56.3	113	80 - 141
1,2,4-Trimethylbenzene	50.0	41.9	83.7 *	84 - 125
1,2-Dibromo-3-chloropropane	50.0	44.1	88.2	74 - 142
1,2-Dibromoethane	50.0	47.9	95.8	86 - 123
1,2-Dichlorobenzene	50.0	43.7	87.4	85 - 122
1,2-Dichloroethane	50.0	48.3	96.6	71 - 133
1,2-Dichloropropane	50.0	48.6	97.3	81 - 122
1,3,5-Trimethylbenzene	50.0	43.6	87.2	82 - 126
1,3-Dichlorobenzene	50.0	41.1	82.3 *	84 - 124
1,4-Dichlorobenzene	50.0	48.4	96.8	84 - 124
1,4-Dioxane	1050	979	93.2	10 - 228
2-Butanone	50.0	45.7	91.3	58 - 147
2-Hexanone	50.0	46.7	93.4	70 - 139
4-Methyl-2-pentanone	50.0	45.6	91.2	72 - 132
Acetone	50.0	37.8	75.7	36 - 155
Acrolein	50.0	25.1	50.2	10 - 238
Acrylonitrile	50.0	53.5	107	66 - 141
Benzene	50.0	48.5	97.0	77 - 127
Bromochloromethane	50.0	53.7	107	74 - 129
Bromodichloromethane	50.0	44.7	89.5	81 - 124
Bromoform	50.0	48.5	96.9	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52232	Laboratory ID:	BE52232-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	38.8	77.6	32 - 177
Carbon disulfide	50.0	43.0	86.0	10 - 136
Carbon tetrachloride	50.0	49.7	99.5	66 - 143
Chlorobenzene	50.0	46.1	92.2	86 - 120
Chloroethane	50.0	46.1	92.2	51 - 142
Chloroform	50.0	47.7	95.4	76 - 131
Chloromethane	50.0	50.9	102	49 - 132
cis-1,2-Dichloroethylene	50.0	49.7	99.4	74 - 132
cis-1,3-Dichloropropylene	50.0	45.3	90.5	81 - 129
Cyclohexane	50.0	54.7	109	70 - 130
Dibromochloromethane	50.0	46.5	93.1	10 - 200
Dibromomethane	50.0	45.8	91.7	83 - 124
Dichlorodifluoromethane	50.0	62.7	125	28 - 158
Ethyl Benzene	50.0	43.7	87.3	84 - 125
Hexachlorobutadiene	50.0	56.5	113	83 - 133
Isopropylbenzene	50.0	43.2	86.4	81 - 127
Methyl acetate	50.0	51.9	104	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	46.4	92.8	74 - 131
Methylcyclohexane	50.0	49.2	98.3	70 - 130
Methylene chloride	50.0	50.3	101	57 - 141
n-Butylbenzene	50.0	41.7	83.3	80 - 130
n-Propylbenzene	50.0	43.3	86.7	74 - 136
o-Xylene	50.0	44.2	88.4	83 - 123
p- & m- Xylenes	100	90.4	90.4	82 - 128
p-Isopropyltoluene	50.0	40.5	81.0 *	85 - 125
sec-Butylbenzene	50.0	43.5	86.9	83 - 125
Styrene	50.0	42.2	84.4 *	86 - 126
tert-Butyl alcohol (TBA)	250	238	95.2	70 - 130
tert-Butylbenzene	50.0	42.8	85.6	80 - 127
Tetrachloroethylene	50.0	43.2	86.4	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52232	Laboratory ID:	BE52232-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	45.6	91.1	85 - 121
trans-1,2-Dichloroethylene	50.0	49.3	98.7	72 - 132
trans-1,3-Dichloropropylene	50.0	43.6	87.1	78 - 132
Trichloroethylene	50.0	46.7	93.5	84 - 123
Trichlorofluoromethane	50.0	44.2	88.3	62 - 140
Vinyl Chloride	50.0	46.8	93.6	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52232	Laboratory ID:	BE52232-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	42.0	83.9		0.838	30	75 - 129
1,1,1-Trichloroethane	50.0	49.8	99.6		0.0803	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	45.9	91.7		4.89	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	34.8	69.6		1.23	30	58 - 146
1,1,2-Trichloroethane	50.0	46.6	93.3		1.42	30	83 - 123
1,1-Dichloroethane	50.0	48.5	97.1		0.124	30	75 - 130
1,1-Dichloroethylene	50.0	41.2	82.4		1.59	30	64 - 137
1,2,3-Trichlorobenzene	50.0	56.3	113		4.52	30	81 - 140
1,2,3-Trichloropropane	50.0	45.9	91.8		5.26	30	81 - 126
1,2,4-Trichlorobenzene	50.0	57.6	115		2.25	30	80 - 141
1,2,4-Trimethylbenzene	50.0	42.4	84.7		1.21	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	46.0	92.0		4.24	30	74 - 142
1,2-Dibromoethane	50.0	49.6	99.3		3.55	30	86 - 123
1,2-Dichlorobenzene	50.0	44.9	89.8		2.80	30	85 - 122
1,2-Dichloroethane	50.0	48.4	96.7		0.145	30	71 - 133
1,2-Dichloropropane	50.0	48.0	95.9		1.39	30	81 - 122
1,3,5-Trimethylbenzene	50.0	43.9	87.8		0.708	30	82 - 126
1,3-Dichlorobenzene	50.0	41.7	83.4	*	1.33	30	84 - 124
1,4-Dichlorobenzene	50.0	49.4	98.7		1.94	30	84 - 124
1,4-Dioxane	1050	1000	95.3		2.25	30	10 - 228
2-Butanone	50.0	47.4	94.8		3.76	30	58 - 147
2-Hexanone	50.0	48.7	97.4		4.26	30	70 - 139
4-Methyl-2-pentanone	50.0	48.4	96.9		6.02	30	72 - 132
Acetone	50.0	38.7	77.4		2.30	30	36 - 155
Acrolein	50.0	24.2	48.3		3.78	30	10 - 238
Acrylonitrile	50.0	53.8	108		0.503	30	66 - 141
Benzene	50.0	48.6	97.2		0.144	30	77 - 127
Bromochloromethane	50.0	53.3	107		0.711	30	74 - 129
Bromodichloromethane	50.0	44.8	89.7		0.223	30	81 - 124
Bromoform	50.0	49.6	99.2		2.35	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52232	Laboratory ID:	BE52232-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	38.0	75.9		2.19	30	32 - 177
Carbon disulfide	50.0	42.8	85.7		0.396	30	10 - 136
Carbon tetrachloride	50.0	49.8	99.5		0.0603	30	66 - 143
Chlorobenzene	50.0	46.1	92.2		0.0868	30	86 - 120
Chloroethane	50.0	44.3	88.6		3.94	30	51 - 142
Chloroform	50.0	47.5	95.0		0.462	30	76 - 131
Chloromethane	50.0	50.2	100		1.52	30	49 - 132
cis-1,2-Dichloroethylene	50.0	49.5	99.0		0.423	30	74 - 132
cis-1,3-Dichloropropylene	50.0	45.6	91.3		0.836	30	81 - 129
Cyclohexane	50.0	54.6	109		0.165	30	70 - 130
Dibromochloromethane	50.0	47.5	95.0		2.06	30	10 - 200
Dibromomethane	50.0	46.1	92.2		0.587	30	83 - 124
Dichlorodifluoromethane	50.0	62.2	124		0.832	30	28 - 158
Ethyl Benzene	50.0	43.6	87.2		0.0917	30	84 - 125
Hexachlorobutadiene	50.0	57.5	115		1.81	30	83 - 133
Isopropylbenzene	50.0	43.8	87.6		1.33	30	81 - 127
Methyl acetate	50.0	53.1	106		2.30	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	47.3	94.6		1.99	30	74 - 131
Methylcyclohexane	50.0	49.2	98.3		0.00	30	70 - 130
Methylene chloride	50.0	50.5	101		0.516	30	57 - 141
n-Butylbenzene	50.0	41.7	83.5		0.168	30	80 - 130
n-Propylbenzene	50.0	43.4	86.9		0.230	30	74 - 136
o-Xylene	50.0	44.1	88.2		0.204	30	83 - 123
p- & m- Xylenes	100	89.9	89.9		0.532	30	82 - 128
p-Isopropyltoluene	50.0	40.8	81.6	*	0.763	30	85 - 125
sec-Butylbenzene	50.0	44.0	88.0		1.19	30	83 - 125
Styrene	50.0	42.6	85.2	*	0.896	30	86 - 126
tert-Butyl alcohol (TBA)	250	259	104		8.48	30	70 - 130
tert-Butylbenzene	50.0	43.5	87.1		1.74	30	80 - 127
Tetrachloroethylene	50.0	43.3	86.5		0.139	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52232	Laboratory ID:	BE52232-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	45.1	90.3	0.926	30	85 - 121
trans-1,2-Dichloroethylene	50.0	49.4	98.8	0.101	30	72 - 132
trans-1,3-Dichloropropylene	50.0	44.0	88.0	1.05	30	78 - 132
Trichloroethylene	50.0	47.0	93.9	0.470	30	84 - 123
Trichlorofluoromethane	50.0	42.7	85.3	3.46	30	62 - 140
Vinyl Chloride	50.0	44.9	89.8	4.17	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52284	Laboratory ID:	BE52284-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	40.1	80.2	75 - 129
1,1,1-Trichloroethane	50.0	47.5	95.1	71 - 137
1,1,2,2-Tetrachloroethane	50.0	42.2	84.5	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	47.4	94.9	58 - 146
1,1,2-Trichloroethane	50.0	44.3	88.6	83 - 123
1,1-Dichloroethane	50.0	46.2	92.4	75 - 130
1,1-Dichloroethylene	50.0	46.4	92.8	64 - 137
1,2,3-Trichlorobenzene	50.0	49.8	99.6	81 - 140
1,2,3-Trichloropropane	50.0	40.5	80.9 *	81 - 126
1,2,4-Trichlorobenzene	50.0	52.4	105	80 - 141
1,2,4-Trimethylbenzene	50.0	40.3	80.6 *	84 - 125
1,2-Dibromo-3-chloropropane	50.0	41.7	83.4	74 - 142
1,2-Dibromoethane	50.0	45.0	89.9	86 - 123
1,2-Dichlorobenzene	50.0	42.6	85.1	85 - 122
1,2-Dichloroethane	50.0	48.6	97.1	71 - 133
1,2-Dichloropropane	50.0	46.2	92.3	81 - 122
1,3,5-Trimethylbenzene	50.0	41.3	82.6	82 - 126
1,3-Dichlorobenzene	50.0	39.9	79.9 *	84 - 124
1,4-Dichlorobenzene	50.0	46.0	92.1	84 - 124
1,4-Dioxane	1050	897	85.4	10 - 228
2-Butanone	50.0	42.8	85.6	58 - 147
2-Hexanone	50.0	45.4	90.7	70 - 139
4-Methyl-2-pentanone	50.0	43.7	87.4	72 - 132
Acetone	50.0	40.5	81.0	36 - 155
Acrolein	50.0	25.7	51.4	10 - 238
Acrylonitrile	50.0	51.4	103	66 - 141
Benzene	50.0	46.6	93.2	77 - 127
Bromochloromethane	50.0	53.1	106	74 - 129
Bromodichloromethane	50.0	43.1	86.3	81 - 124
Bromoform	50.0	45.9	91.8	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52284	Laboratory ID:	BE52284-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	43.2	86.4	32 - 177
Carbon disulfide	50.0	40.2	80.4	10 - 136
Carbon tetrachloride	50.0	48.1	96.2	66 - 143
Chlorobenzene	50.0	45.3	90.6	86 - 120
Chloroethane	50.0	50.2	100	51 - 142
Chloroform	50.0	46.2	92.3	76 - 131
Chloromethane	50.0	50.1	100	49 - 132
cis-1,2-Dichloroethylene	50.0	47.4	94.8	74 - 132
cis-1,3-Dichloropropylene	50.0	42.4	84.8	81 - 129
Cyclohexane	50.0	51.9	104	70 - 130
Dibromochloromethane	50.0	44.5	89.0	10 - 200
Dibromomethane	50.0	44.6	89.3	83 - 124
Dichlorodifluoromethane	50.0	55.9	112	28 - 158
Ethyl Benzene	50.0	43.3	86.6	84 - 125
Hexachlorobutadiene	50.0	52.3	105	83 - 133
Isopropylbenzene	50.0	40.0	80.0 *	81 - 127
Methyl acetate	50.0	50.5	101	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	40.0	80.0	74 - 131
Methylcyclohexane	50.0	46.3	92.6	70 - 130
Methylene chloride	50.0	49.0	97.9	57 - 141
n-Butylbenzene	50.0	41.6	83.3	80 - 130
n-Propylbenzene	50.0	40.9	81.8	74 - 136
o-Xylene	50.0	43.6	87.2	83 - 123
p- & m- Xylenes	100	92.0	92.0	82 - 128
p-Isopropyltoluene	50.0	39.1	78.2 *	85 - 125
sec-Butylbenzene	50.0	41.0	82.0 *	83 - 125
Styrene	50.0	42.2	84.5 *	86 - 126
tert-Butyl alcohol (TBA)	250	202	80.6	70 - 130
tert-Butylbenzene	50.0	39.2	78.4 *	80 - 127
Tetrachloroethylene	50.0	40.9	81.9	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52284	Laboratory ID:	BE52284-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	44.6	89.2	85 - 121
trans-1,2-Dichloroethylene	50.0	47.5	95.0	72 - 132
trans-1,3-Dichloropropylene	50.0	41.4	82.9	78 - 132
Trichloroethylene	50.0	43.2	86.4	84 - 123
Trichlorofluoromethane	50.0	45.7	91.4	62 - 140
Vinyl Chloride	50.0	49.3	98.6	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52284	Laboratory ID:	BE52284-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	39.9	79.7		0.625	30	75 - 129
1,1,1-Trichloroethane	50.0	47.7	95.5		0.399	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	42.4	84.7		0.284	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	45.0	90.0		5.24	30	58 - 146
1,1,2-Trichloroethane	50.0	44.2	88.4		0.271	30	83 - 123
1,1-Dichloroethane	50.0	46.4	92.8		0.410	30	75 - 130
1,1-Dichloroethylene	50.0	44.7	89.3		3.86	30	64 - 137
1,2,3-Trichlorobenzene	50.0	51.2	102		2.69	30	81 - 140
1,2,3-Trichloropropane	50.0	41.6	83.3		2.85	30	81 - 126
1,2,4-Trichlorobenzene	50.0	53.8	108		2.79	30	80 - 141
1,2,4-Trimethylbenzene	50.0	40.5	81.0	*	0.470	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	42.2	84.4		1.10	30	74 - 142
1,2-Dibromoethane	50.0	45.3	90.7		0.842	30	86 - 123
1,2-Dichlorobenzene	50.0	42.7	85.4		0.328	30	85 - 122
1,2-Dichloroethane	50.0	47.3	94.5		2.69	30	71 - 133
1,2-Dichloropropane	50.0	46.7	93.5		1.23	30	81 - 122
1,3,5-Trimethylbenzene	50.0	41.8	83.6		1.18	30	82 - 126
1,3-Dichlorobenzene	50.0	39.9	79.8	*	0.100	30	84 - 124
1,4-Dichlorobenzene	50.0	47.0	94.0		2.11	30	84 - 124
1,4-Dioxane	1050	899	85.6		0.235	30	10 - 228
2-Butanone	50.0	43.2	86.5		0.999	30	58 - 147
2-Hexanone	50.0	45.1	90.2		0.508	30	70 - 139
4-Methyl-2-pentanone	50.0	43.7	87.4		0.0686	30	72 - 132
Acetone	50.0	37.8	75.6		6.95	30	36 - 155
Acrolein	50.0	24.2	48.4		5.97	30	10 - 238
Acrylonitrile	50.0	51.1	102		0.546	30	66 - 141
Benzene	50.0	46.3	92.6		0.667	30	77 - 127
Bromochloromethane	50.0	52.5	105		1.23	30	74 - 129
Bromodichloromethane	50.0	42.8	85.6		0.838	30	81 - 124
Bromoform	50.0	45.7	91.5		0.371	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52284	Laboratory ID:	BE52284-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	41.3	82.5		4.59	30	32 - 177
Carbon disulfide	50.0	40.5	81.0		0.669	30	10 - 136
Carbon tetrachloride	50.0	47.3	94.6		1.70	30	66 - 143
Chlorobenzene	50.0	44.3	88.6		2.19	30	86 - 120
Chloroethane	50.0	48.0	95.9		4.50	30	51 - 142
Chloroform	50.0	45.8	91.5		0.914	30	76 - 131
Chloromethane	50.0	50.0	100		0.0999	30	49 - 132
cis-1,2-Dichloroethylene	50.0	47.6	95.1		0.316	30	74 - 132
cis-1,3-Dichloropropylene	50.0	43.0	86.0		1.41	30	81 - 129
Cyclohexane	50.0	51.8	104		0.270	30	70 - 130
Dibromochloromethane	50.0	44.2	88.4		0.609	30	10 - 200
Dibromomethane	50.0	43.9	87.8		1.65	30	83 - 124
Dichlorodifluoromethane	50.0	57.7	115		3.19	30	28 - 158
Ethyl Benzene	50.0	42.3	84.6		2.36	30	84 - 125
Hexachlorobutadiene	50.0	51.4	103		1.76	30	83 - 133
Isopropylbenzene	50.0	40.7	81.4		1.78	30	81 - 127
Methyl acetate	50.0	49.5	98.9		2.02	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	42.4	84.7		5.71	30	74 - 131
Methylcyclohexane	50.0	46.0	92.0		0.693	30	70 - 130
Methylene chloride	50.0	48.9	97.9		0.0817	30	57 - 141
n-Butylbenzene	50.0	40.7	81.4		2.23	30	80 - 130
n-Propylbenzene	50.0	41.6	83.2		1.65	30	74 - 136
o-Xylene	50.0	42.8	85.6		1.87	30	83 - 123
p- & m- Xylenes	100	89.1	89.1		3.19	30	82 - 128
p-Isopropyltoluene	50.0	39.0	78.0	*	0.256	30	85 - 125
sec-Butylbenzene	50.0	41.2	82.3	*	0.414	30	83 - 125
Styrene	50.0	41.2	82.3	*	2.61	30	86 - 126
tert-Butyl alcohol (TBA)	250	218	87.2		7.85	30	70 - 130
tert-Butylbenzene	50.0	40.0	80.1		2.09	30	80 - 127
Tetrachloroethylene	50.0	40.4	80.8		1.25	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52284	Laboratory ID:	BE52284-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	43.6	87.2	2.31	30	85 - 121
trans-1,2-Dichloroethylene	50.0	47.8	95.5	0.504	30	72 - 132
trans-1,3-Dichloropropylene	50.0	41.5	83.1	0.265	30	78 - 132
Trichloroethylene	50.0	44.4	88.9	2.78	30	84 - 123
Trichlorofluoromethane	50.0	43.6	87.3	4.66	30	62 - 140
Vinyl Chloride	50.0	47.4	94.8	3.93	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BF50025	Laboratory ID:	BF50025-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	42.9	85.9	75 - 129
1,1,1-Trichloroethane	50.0	43.8	87.5	71 - 137
1,1,2,2-Tetrachloroethane	50.0	50.4	101	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	48.0	96.0	58 - 146
1,1,2-Trichloroethane	50.0	47.5	95.1	83 - 123
1,1-Dichloroethane	50.0	44.5	89.0	75 - 130
1,1-Dichloroethylene	50.0	45.3	90.5	64 - 137
1,2,3-Trichlorobenzene	50.0	50.7	101	81 - 140
1,2,3-Trichloropropane	50.0	48.1	96.2	81 - 126
1,2,4-Trichlorobenzene	50.0	48.9	97.9	80 - 141
1,2,4-Trimethylbenzene	50.0	52.2	104	84 - 125
1,2-Dibromo-3-chloropropane	50.0	42.1	84.3	74 - 142
1,2-Dibromoethane	50.0	48.6	97.2	86 - 123
1,2-Dichlorobenzene	50.0	52.0	104	85 - 122
1,2-Dichloroethane	50.0	44.2	88.4	71 - 133
1,2-Dichloropropane	50.0	48.1	96.1	81 - 122
1,3,5-Trimethylbenzene	50.0	51.5	103	82 - 126
1,3-Dichlorobenzene	50.0	52.5	105	84 - 124
1,4-Dichlorobenzene	50.0	51.7	103	84 - 124
1,4-Dioxane	1050	923	87.9	10 - 228
2-Butanone	50.0	36.7	73.4	58 - 147
2-Hexanone	50.0	41.1	82.2	70 - 139
4-Methyl-2-pentanone	50.0	42.5	84.9	72 - 132
Acetone	50.0	30.3	60.5	36 - 155
Acrolein	50.0	26.9	53.8	10 - 238
Acrylonitrile	50.0	42.4	84.8	66 - 141
Benzene	50.0	46.5	92.9	77 - 127
Bromochloromethane	50.0	47.0	94.1	74 - 129
Bromodichloromethane	50.0	44.3	88.5	81 - 124
Bromoform	50.0	44.6	89.2	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BF50025	Laboratory ID:	BF50025-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	68.6	137	32 - 177
Carbon disulfide	50.0	46.3	92.7	10 - 136
Carbon tetrachloride	50.0	43.4	86.9	66 - 143
Chlorobenzene	50.0	50.2	100	86 - 120
Chloroethane	50.0	50.1	100	51 - 142
Chloroform	50.0	45.1	90.1	76 - 131
Chloromethane	50.0	55.5	111	49 - 132
cis-1,2-Dichloroethylene	50.0	45.2	90.4	74 - 132
cis-1,3-Dichloropropylene	50.0	43.0	86.0	81 - 129
Cyclohexane	50.0	49.3	98.7	70 - 130
Dibromochloromethane	50.0	47.8	95.5	10 - 200
Dibromomethane	50.0	47.7	95.4	83 - 124
Dichlorodifluoromethane	50.0	130	260 *	28 - 158
Ethyl Benzene	50.0	51.6	103	84 - 125
Hexachlorobutadiene	50.0	48.7	97.3	83 - 133
Isopropylbenzene	50.0	47.4	94.9	81 - 127
Methyl acetate	50.0	38.8	77.7	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	40.7	81.3	74 - 131
Methylcyclohexane	50.0	48.4	96.8	70 - 130
Methylene chloride	50.0	44.3	88.6	57 - 141
n-Butylbenzene	50.0	52.5	105	80 - 130
n-Propylbenzene	50.0	52.1	104	74 - 136
o-Xylene	50.0	48.2	96.4	83 - 123
p- & m- Xylenes	100	104	104	82 - 128
p-Isopropyltoluene	50.0	52.2	104	85 - 125
sec-Butylbenzene	50.0	51.8	104	83 - 125
Styrene	50.0	51.8	104	86 - 126
tert-Butyl alcohol (TBA)	250	189	75.5	70 - 130
tert-Butylbenzene	50.0	46.9	93.9	80 - 127
Tetrachloroethylene	50.0	45.0	90.0	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BF50025	Laboratory ID:	BF50025-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	50.1	100	85 - 121
trans-1,2-Dichloroethylene	50.0	45.4	90.8	72 - 132
trans-1,3-Dichloropropylene	50.0	41.2	82.4	78 - 132
Trichloroethylene	50.0	47.5	95.0	84 - 123
Trichlorofluoromethane	50.0	53.5	107	62 - 140
Vinyl Chloride	50.0	54.1	108	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BF50025	Laboratory ID:	BF50025-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	41.4	82.9	3.53	30	75 - 129
1,1,1-Trichloroethane	50.0	43.8	87.6	0.137	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	48.6	97.2	3.69	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	46.5	93.0	3.17	30	58 - 146
1,1,2-Trichloroethane	50.0	46.0	91.9	3.34	30	83 - 123
1,1-Dichloroethane	50.0	44.1	88.2	0.925	30	75 - 130
1,1-Dichloroethylene	50.0	44.1	88.3	2.51	30	64 - 137
1,2,3-Trichlorobenzene	50.0	48.4	96.8	4.60	30	81 - 140
1,2,3-Trichloropropane	50.0	46.1	92.2	4.33	30	81 - 126
1,2,4-Trichlorobenzene	50.0	46.8	93.6	4.49	30	80 - 141
1,2,4-Trimethylbenzene	50.0	51.2	102	1.89	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	39.0	78.1	7.61	30	74 - 142
1,2-Dibromoethane	50.0	47.5	95.1	2.27	30	86 - 123
1,2-Dichlorobenzene	50.0	50.2	100	3.62	30	85 - 122
1,2-Dichloroethane	50.0	43.0	86.0	2.73	30	71 - 133
1,2-Dichloropropane	50.0	46.9	93.7	2.53	30	81 - 122
1,3,5-Trimethylbenzene	50.0	50.9	102	1.17	30	82 - 126
1,3-Dichlorobenzene	50.0	50.8	102	3.25	30	84 - 124
1,4-Dichlorobenzene	50.0	50.5	101	2.49	30	84 - 124
1,4-Dioxane	1050	882	84.0	4.53	30	10 - 228
2-Butanone	50.0	35.0	70.0	4.63	30	58 - 147
2-Hexanone	50.0	38.7	77.5	5.86	30	70 - 139
4-Methyl-2-pentanone	50.0	40.6	81.2	4.48	30	72 - 132
Acetone	50.0	29.2	58.4	3.53	30	36 - 155
Acrolein	50.0	25.9	51.9	3.71	30	10 - 238
Acrylonitrile	50.0	40.0	80.0	5.78	30	66 - 141
Benzene	50.0	45.7	91.4	1.63	30	77 - 127
Bromochloromethane	50.0	45.8	91.6	2.69	30	74 - 129
Bromodichloromethane	50.0	43.2	86.4	2.47	30	81 - 124
Bromoform	50.0	42.7	85.3	4.40	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BF50025	Laboratory ID:	BF50025-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	67.6	135		1.45	30	32 - 177
Carbon disulfide	50.0	45.0	90.1		2.87	30	10 - 136
Carbon tetrachloride	50.0	43.4	86.9		0.00	30	66 - 143
Chlorobenzene	50.0	48.8	97.6		2.79	30	86 - 120
Chloroethane	50.0	50.1	100		0.0199	30	51 - 142
Chloroform	50.0	44.5	89.1		1.18	30	76 - 131
Chloromethane	50.0	55.3	111		0.307	30	49 - 132
cis-1,2-Dichloroethylene	50.0	44.6	89.1		1.43	30	74 - 132
cis-1,3-Dichloropropylene	50.0	42.0	84.0		2.35	30	81 - 129
Cyclohexane	50.0	48.6	97.1		1.57	30	70 - 130
Dibromochloromethane	50.0	46.4	92.8		2.91	30	10 - 200
Dibromomethane	50.0	46.1	92.2		3.48	30	83 - 124
Dichlorodifluoromethane	50.0	131	262	*	0.721	30	28 - 158
Ethyl Benzene	50.0	50.3	101		2.59	30	84 - 125
Hexachlorobutadiene	50.0	46.2	92.4		5.21	30	83 - 133
Isopropylbenzene	50.0	47.3	94.6		0.274	30	81 - 127
Methyl acetate	50.0	37.1	74.2		4.61	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	40.1	80.2		1.44	30	74 - 131
Methylcyclohexane	50.0	47.8	95.7		1.18	30	70 - 130
Methylene chloride	50.0	42.8	85.6		3.42	30	57 - 141
n-Butylbenzene	50.0	50.6	101		3.61	30	80 - 130
n-Propylbenzene	50.0	51.3	103		1.62	30	74 - 136
o-Xylene	50.0	46.9	93.9		2.63	30	83 - 123
p- & m- Xylenes	100	101	101		3.10	30	82 - 128
p-Isopropyltoluene	50.0	50.9	102		2.47	30	85 - 125
sec-Butylbenzene	50.0	51.1	102		1.44	30	83 - 125
Styrene	50.0	50.0	100		3.58	30	86 - 126
tert-Butyl alcohol (TBA)	250	182	72.6		3.94	30	70 - 130
tert-Butylbenzene	50.0	46.7	93.3		0.556	30	80 - 127
Tetrachloroethylene	50.0	44.2	88.4		1.79	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BF50025	Laboratory ID:	BF50025-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	48.7	97.5	2.73	30	85 - 121
trans-1,2-Dichloroethylene	50.0	44.0	88.0	3.15	30	72 - 132
trans-1,3-Dichloropropylene	50.0	40.0	80.0	2.91	30	78 - 132
Trichloroethylene	50.0	47.0	94.0	1.02	30	84 - 123
Trichlorofluoromethane	50.0	51.8	104	3.13	30	62 - 140
Vinyl Chloride	50.0	52.9	106	2.26	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1667
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE52232-BLK1	File ID:	V31905612.D
Prepared:	05/29/25 08:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/29/25 19:42	Instrument:	VOA No. 3		
Batch:	BE52232	Sequence:	S5F0206	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0050	U
71-55-6	1,1,1-Trichloroethane	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U
75-35-4	1,1-Dichloroethylene	0.0050	U
87-61-6	1,2,3-Trichlorobenzene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U
120-82-1	1,2,4-Trichlorobenzene	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0050	U
96-12-8	1,2-Dibromo-3-chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.0050	U
107-06-2	1,2-Dichloroethane	0.0050	U
78-87-5	1,2-Dichloropropane	0.0050	U
108-67-8	1,3,5-Trimethylbenzene	0.0050	U
541-73-1	1,3-Dichlorobenzene	0.0050	U
106-46-7	1,4-Dichlorobenzene	0.0050	U
123-91-1	1,4-Dioxane	0.10	U
78-93-3	2-Butanone	0.0050	U
591-78-6	2-Hexanone	0.0050	U
108-10-1	4-Methyl-2-pentanone	0.0050	U
67-64-1	Acetone	0.010	U
107-02-8	Acrolein	0.010	U
107-13-1	Acrylonitrile	0.0050	U
71-43-2	Benzene	0.0050	U
74-97-5	Bromochloromethane	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U
75-25-2	Bromoform	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1667
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE52232-BLK1	File ID:	V31905612.D
Prepared:	05/29/25 08:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/29/25 19:42	Instrument:	VOA No. 3		
Batch:	BE52232	Sequence:	S5F0206	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
74-83-9	Bromomethane	0.0050	U
75-15-0	Carbon disulfide	0.0050	U
56-23-5	Carbon tetrachloride	0.0050	U
108-90-7	Chlorobenzene	0.0050	U
75-00-3	Chloroethane	0.0050	U
67-66-3	Chloroform	0.0050	U
74-87-3	Chloromethane	0.0050	U
156-59-2	cis-1,2-Dichloroethylene	0.0050	U
10061-01-5	cis-1,3-Dichloropropylene	0.0050	U
110-82-7	Cyclohexane	0.0050	U
124-48-1	Dibromochloromethane	0.0050	U
74-95-3	Dibromomethane	0.0050	U
75-71-8	Dichlorodifluoromethane	0.0050	U
100-41-4	Ethyl Benzene	0.0050	U
87-68-3	Hexachlorobutadiene	0.0050	U
98-82-8	Isopropylbenzene	0.0050	U
79-20-9	Methyl acetate	0.0050	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.0050	U
108-87-2	Methylcyclohexane	0.0050	U
75-09-2	Methylene chloride	0.0069	J
104-51-8	n-Butylbenzene	0.0050	U
103-65-1	n-Propylbenzene	0.0050	U
95-47-6	o-Xylene	0.0050	U
179601-23-1	p- & m- Xylenes	0.010	U
99-87-6	p-Isopropyltoluene	0.0050	U
135-98-8	sec-Butylbenzene	0.0050	U
100-42-5	Styrene	0.0050	U
75-65-0	tert-Butyl alcohol (TBA)	0.0050	U
98-06-6	tert-Butylbenzene	0.0050	U
127-18-4	Tetrachloroethylene	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1667
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE52232-BLK1	File ID:	V31905612.D
Prepared:	05/29/25 08:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/29/25 19:42	Instrument:	VOA No. 3		
Batch:	BE52232	Sequence:	S5F0206	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
108-88-3	Toluene	0.0050	U
156-60-5	trans-1,2-Dichloroethylene	0.0050	U
10061-02-6	trans-1,3-Dichloropropylene	0.0050	U
79-01-6	Trichloroethylene	0.0050	U
75-69-4	Trichlorofluoromethane	0.0050	U
75-01-4	Vinyl Chloride	0.0050	U
1330-20-7	Xylenes, Total	0.015	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.2	100	77 - 125	
SURR: p-Bromofluorobenzene	50.0	53.9	108	76 - 130	
SURR: Toluene-d8	50.0	47.5	94.9	85 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	201899	12.177	240450	12.174	
ISTD: Chlorobenzene-d5	506514	9.177	508113	9.18	
ISTD: Fluorobenzene	136496	6.132	131584	6.132	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1667
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE52284-BLK1	File ID:	V31905635.D
Prepared:	05/30/25 07:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/30/25 07:59	Instrument:	VOA No. 3		
Batch:	BE52284	Sequence:	S5E3016	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0050	U
71-55-6	1,1,1-Trichloroethane	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U
75-35-4	1,1-Dichloroethylene	0.0050	U
87-61-6	1,2,3-Trichlorobenzene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U
120-82-1	1,2,4-Trichlorobenzene	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0050	U
96-12-8	1,2-Dibromo-3-chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.0050	U
107-06-2	1,2-Dichloroethane	0.0050	U
78-87-5	1,2-Dichloropropane	0.0050	U
108-67-8	1,3,5-Trimethylbenzene	0.0050	U
541-73-1	1,3-Dichlorobenzene	0.0050	U
106-46-7	1,4-Dichlorobenzene	0.0050	U
123-91-1	1,4-Dioxane	0.10	U
78-93-3	2-Butanone	0.0050	U
591-78-6	2-Hexanone	0.0050	U
108-10-1	4-Methyl-2-pentanone	0.0050	U
67-64-1	Acetone	0.010	U
107-02-8	Acrolein	0.010	U
107-13-1	Acrylonitrile	0.0050	U
71-43-2	Benzene	0.0050	U
74-97-5	Bromochloromethane	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U
75-25-2	Bromoform	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1667
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE52284-BLK1	File ID:	V31905635.D
Prepared:	05/30/25 07:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/30/25 07:59	Instrument:	VOA No. 3		
Batch:	BE52284	Sequence:	S5E3016	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
74-83-9	Bromomethane	0.0050	U
75-15-0	Carbon disulfide	0.0050	U
56-23-5	Carbon tetrachloride	0.0050	U
108-90-7	Chlorobenzene	0.0050	U
75-00-3	Chloroethane	0.0050	U
67-66-3	Chloroform	0.0050	U
74-87-3	Chloromethane	0.0050	U
156-59-2	cis-1,2-Dichloroethylene	0.0050	U
10061-01-5	cis-1,3-Dichloropropylene	0.0050	U
110-82-7	Cyclohexane	0.0050	U
124-48-1	Dibromochloromethane	0.0050	U
74-95-3	Dibromomethane	0.0050	U
75-71-8	Dichlorodifluoromethane	0.0050	U
100-41-4	Ethyl Benzene	0.0050	U
87-68-3	Hexachlorobutadiene	0.0050	U
98-82-8	Isopropylbenzene	0.0050	U
79-20-9	Methyl acetate	0.0050	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.0050	U
108-87-2	Methylcyclohexane	0.0050	U
75-09-2	Methylene chloride	0.0071	J
104-51-8	n-Butylbenzene	0.0050	U
103-65-1	n-Propylbenzene	0.0050	U
95-47-6	o-Xylene	0.0050	U
179601-23-1	p- & m- Xylenes	0.010	U
99-87-6	p-Isopropyltoluene	0.0050	U
135-98-8	sec-Butylbenzene	0.0050	U
100-42-5	Styrene	0.0050	U
75-65-0	tert-Butyl alcohol (TBA)	0.0050	U
98-06-6	tert-Butylbenzene	0.0050	U
127-18-4	Tetrachloroethylene	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1667
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE52284-BLK1	File ID:	V31905635.D
Prepared:	05/30/25 07:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/30/25 07:59	Instrument:	VOA No. 3		
Batch:	BE52284	Sequence:	S5E3016	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
108-88-3	Toluene	0.0050	U
156-60-5	trans-1,2-Dichloroethylene	0.0050	U
10061-02-6	trans-1,3-Dichloropropylene	0.0050	U
79-01-6	Trichloroethylene	0.0050	U
75-69-4	Trichlorofluoromethane	0.0050	U
75-01-4	Vinyl Chloride	0.0050	U
1330-20-7	Xylenes, Total	0.015	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	52.4	105	77 - 125	
SURR: p-Bromofluorobenzene	50.0	53.7	107	76 - 130	
SURR: Toluene-d8	50.0	48.5	97.1	85 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	158232	12.177	211843	12.177	
ISTD: Chlorobenzene-d5	395348	9.18	414227	9.18	
ISTD: Fluorobenzene	107578	6.132	105739	6.132	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1667
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2152805	23.53426	9.293428	2.166128E-02		0.9992838	0.99	
1,1,1-Trichloroethane	1.148025	10.18036	5.516167	4.955129E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5049268	8.776378	10.617	2.440592E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.204106	14.0246	3.296	9.225994E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1797938	6.164384	8.172714	2.966677E-02			SPCC (0.1)	
1,1-Dichloroethane	1.674656	7.980267	4.493286	3.560229E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.568151	7.933548	3.315428	5.513168E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.346188	14.75364	5.669286	1.168399E-02			20	
1,2,3-Trichlorobenzene	0.4345849	28.19924	14.6	0.0202292		0.9999597	0.99	
1,2,3-Trichloropropane	0.1333695	10.4536	10.669	2.492312E-02			20	
1,2,3-Trimethylbenzene	1.98604	15.3771	11.79914	1.536822E-02		0.9996954	0.99	
1,2,4,5-Tetramethylbenzene	1.689902	31.90639	12.98943	9.827251E-03		0.9998888	0.99	
1,2,4-Trichlorobenzene	0.4821056	36.12883	14.029	1.097435E-02		0.9999425	SPCC (0.2)	
1,2,4-Trimethylbenzene	2.127011	19.97827	11.314	1.591285E-02		0.9992412	0.99	
1,2-Dibromo-3-chloropropane	6.074129E-02	19.36275	13.10057	3.532306E-02		0.9997099	SPCC (0.05)	
1,2-Dibromoethane	0.1566649	11.28042	8.719286	2.594811E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.021587	9.411168	12.19686	2.811354E-02			SPCC (0.4)	
1,2-Dichloroethane	0.9588114	2.535974	5.907	3.022801E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2480015	4.419208	6.716429	2.702294E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.163343	13.68821	10.88657	1.828378E-02			20	
1,3-Dichlorobenzene	1.188635	17.13588	11.66743	1.174525E-02		0.9984721	SPCC (0.6)	
1,3-Dichloropropane	0.3173446	6.526003	8.343143	3.198223E-02			20	
1,4-Dichlorobenzene	1.053534	17.80918	11.768	1.997912E-02		0.9998754	SPCC (0.5)	
1,4-Dioxane	1.484578E-03	27.42674	6.846143	3.754513E-02		0.999718	0.99	
2,2-Dichloropropane	1.188475	22.71865	5.036429	3.398576E-02		0.9999651	0.99	
2-Butanone	8.469989E-02	28.70439	5.055	3.560174E-02		0.9998339	SPCC (0.1)	
2-Chloroethylvinyl ether	6.178585E-02	16.69237	7.247714	3.119138E-02		0.9999127	0.99	
2-Chlorotoluene	2.270612	10.40802	10.82343	1.294704E-02			20	
2-Hexanone	8.264891E-02	22.22132	8.387143	2.710616E-02		0.999821	SPCC (0.1)	
2-Nitropropane	2.929392E-02	24.01759	7.21	4.199584E-02		0.9998541	0.99	
4-Chlorotoluene	1.834339	8.984864	10.94186	1.480685E-02			20	
4-Methyl-2-pentanone	0.1141953	22.37749	7.541	2.529449E-02		0.9996875	SPCC (0.1)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1667

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SE50010 Instrument: VOA No. 3

Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.2317549	13.90344	3.386286	7.160947E-02			SPCC (0.1)	
Acrolein	0.1346983	6.719795	3.232286	0.0720173			20	
Acrylonitrile	0.2287738	10.1466	4.072571	0.0776474			20	
Allyl chloride	1.187369	12.0705	3.686429	9.249116E-03			20	
Benzene	4.101272	9.330942	5.875429	1.798749E-02			SPCC (0.5)	
Bromobenzene	0.9579632	8.895121	10.62486	2.041472E-02			20	
Bromochloromethane	0.6291648	2.88067	5.290143	3.214336E-02			20	
Bromodichloromethane	0.2752001	11.01803	6.991429	2.035524E-02			SPCC (0.2)	
Bromoform	7.550714E-02	27.76927	10.126	2.292785E-02		0.9996292	SPCC (0.1)	
Bromomethane	0.9319408	13.81485	2.384	0.1125705			SPCC (0.1)	
Carbon disulfide	3.249382	7.965981	3.554143	3.848769E-02			SPCC (0.1)	
Carbon tetrachloride	1.071329	23.14336	5.672857	2.939861E-02		0.9999659	SPCC (0.1)	
Chlorobenzene	0.7020082	9.942478	9.211143	1.197346E-02			SPCC (0.5)	
Chloroethane	0.8219206	9.869331	2.5	6.176324E-02			SPCC (0.1)	
Chloroform	1.504637	7.191094	5.355429	2.320304E-02			SPCC (0.2)	
Chloromethane	1.12893	6.297399	1.892571	6.211819E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.415098	11.13807	5.052429	0.0523336			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3473293	20.47961	7.415857	0.0125713		0.9998636	SPCC (0.2)	
cis-decahydronaphthalene	0.3904576	17.48407	12.7698	2.437058E-02			20	
Cyclohexane	1.614443	17.46152	5.557714	0.0440853		0.9997852	SPCC (0.1)	
Dibromochloromethane	0.160162	19.09661	8.593429	1.818693E-02		0.9998569	SPCC (0.1)	
Dibromomethane	0.1221349	7.064565	6.85	1.846922E-02			20	
Dichlorodifluoromethane	0.7537147	3.215865	1.682857	8.828588E-02			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.14316	13.70883	4.5075	3.156282E-02			20	
Ethanol	5.97553E-03	4.833001	3.011167	6.484142E-02			20	
Ethyl Benzene	1.269525	16.47638	9.298143	2.098651E-02		0.9997338	SPCC (0.1)	
Ethyl Ether	0.6907483	5.03263	3.0702	2.709435E-02			20	
Ethyl Methacrylate	0.2179799	25.59831	8.010286	2.791806E-02		0.9995473	0.99	
Ethyl tert-butyl ether (ETBE)	1.752369	20.71583	4.853167	3.924696E-02		0.9995143	0.99	
Hexachlorobutadiene	0.2947372	28.06457	14.18914	2.213529E-02		0.9998905	0.99	
Hexachloroethane	0.3870946	24.08237	12.47157	1.285549E-02		0.999664	0.99	
Iodomethane	0.8076757	24.7202	3.488571	4.954129E-02		0.9991614	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1667

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SE50010 Instrument: VOA No. 3

Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	2.467639	23.05527	10.24386	0.020598		0.9997847	SPCC (0.1)	
Limonene	0.5454457	22.00639	11.6	1.919746E-02	0.99712		0.99	
Methyl acetate	0.3786168	7.803655	3.7044	6.118531E-02			SPCC (0.1)	
Methyl Methacrylate	0.1108728	20.28413	6.780429	1.840642E-02		0.9998226	0.99	
Methyl tert-butyl ether (MTBE)	1.652811	21.30583	4.059857	3.345353E-02		0.9997438	SPCC (0.1)	
Methylcyclohexane	0.4998991	20.92013	6.650571	2.699197E-02		0.9998903	SPCC (0.1)	
Methylene chloride	1.145734	13.16311	3.822429	0.0466847			SPCC (0.1)	
Naphthalene	1.01996	33.96707	14.32	0.0236625		0.9997671	0.99	
n-butyl acetate	8.316515E-02	25.47255	8.49	1.697155E-02	0.99726		0.99	
n-Butylbenzene	3.008152	10.98297	12.12471	2.166234E-02			20	
n-Decane	1.1283	3.603148	10.836	2.110303E-02			20	
n-Hexane	1.357208	10.17282	4.3012	3.652193E-02			20	
Nitrobenzene	1.566084E-02	33.03505	13.342	9.144699E-03		0.9999037	0.99	
n-Nonane	0.4169293	9.238274	9.3766	2.213854E-02			20	
n-octane	0.2872014	8.108407	7.7828	2.716484E-02			20	
n-Propylbenzene	3.282471	12.494	10.69843	1.596521E-02			20	
n-undecane	1.041801	13.94241	12.1764	1.020477E-02			20	
o-Xylene	0.8980704	24.10605	9.857	2.553265E-02		0.9997169	SPCC (0.3)	
p- & m- Xylenes	1.001163	10.66304	9.417571	2.652885E-02			SPCC (0.1)	
p-Diethylbenzene	1.36418	25.95655	12.09486	1.451068E-02		0.9999808	0.99	
p-Ethyltoluene	2.624067	17.63629	10.82214	1.776569E-02		0.9995799	0.99	
p-Isopropyltoluene	2.545543	19.1297	11.65686	6.746805E-03		0.9994185	0.99	
sec-Butylbenzene	2.829732	18.71045	11.50043	1.019667E-02		0.9998234	0.99	
Styrene	0.7291689	25.63337	9.875429	2.950136E-02		0.9996248	SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.095279	0.5000652	5.836	2.407198E-02			20	
SURR: p-Bromofluorobenzene	1.048003	6.154725	10.44757	1.705966E-02			20	
SURR: Toluene-d8	1.461961	2.571923	7.670286	2.665847E-02			20	
tert-Amyl alcohol (TAA)	3.396096E-02	32.79675	5.8655	0.0313023		0.9994983	0.99	
tert-Amyl methyl ether (TAME)	1.678164	21.53541	5.9395	1.098205E-02		0.9995597	0.99	
tert-Butyl alcohol (TBA)	3.043614E-02	19.9886	3.94	8.875457E-02		0.9996065	0.99	
tert-Butylbenzene	1.731803	25.18325	11.25514	5.466366E-03		0.9997294	0.99	
Tetrachloroethylene	0.2712653	22.49908	8.301428	9.475652E-03		0.999945	SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1667
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.1337406	19.75142	5.331	7.931604E-02		0.9999046	0.99	
Toluene	1.187486	9.539273	7.738143	0.0229169			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.339901	8.345819	4.078	4.506116E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2879705	19.27122	7.972143	2.447255E-02		0.9997084	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5442103	12.54113	10.66857	1.994402E-02			20	
trans-decahydronaphthalene	0.3904576	17.48407	12.7698	2.437058E-02			20	
Trichloroethylene	0.2563991	15.28645	6.487143	2.005009E-02		0.9999599	SPCC (0.2)	
Trichlorofluoromethane	1.829268	6.767099	2.769	6.231771E-02			SPCC (0.1)	
Vinyl acetate	2.037477	10.35259	4.514143	1.618564E-02			20	
Vinyl Chloride	1.356017	8.177435	2.015	0.01356			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1667
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50041
Instrument: VOA No. 5
Calibration Date: 05/21/25 00:50

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.1834395	18.91657	9.062143	2.432228E-02		0.9989829	0.99	
1,1,1-Trichloroethane	1.067944	17.53169	5.301429	5.296294E-02		0.9995961	SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4931202	5.111332	10.38186	1.543487E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.8092622	7.431873	3.102286	0.0493883			SPCC (0.1)	
1,1,2-Trichloroethane	0.1911376	7.450371	7.947857	9.14635E-03			SPCC (0.1)	
1,1-Dichloroethane	1.475326	6.647981	4.286143	4.978886E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.093145	3.786795	3.123	5.576042E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.169673	10.32565	5.454571	2.578087E-02			20	
1,2,3-Trichlorobenzene	0.5404	13.80573	14.33543	1.917788E-02			20	
1,2,3-Trichloropropane	0.1421848	6.397725	10.432	2.671147E-02			20	
1,2,3-Trimethylbenzene	1.544231	9.888015	11.554	0.0252495			20	
1,2,4,5-Tetramethylbenzene	1.43114	17.99358	12.74143	4.128526E-03		0.9996319	0.99	
1,2,4-Trichlorobenzene	0.5406096	16.96516	13.76814	0.0119041		0.9994164	SPCC (0.2)	
1,2,4-Trimethylbenzene	1.557494	9.970351	11.07286	1.263465E-02			20	
1,2-Dibromo-3-chloropropane	7.207271E-02	23.48251	12.847	1.296905E-02		0.9990044	SPCC (0.05)	
1,2-Dibromoethane	0.1778996	11.10747	8.486572	0.0137108			SPCC (0.1)	
1,2-Dichlorobenzene	0.9074383	3.380338	11.94643	2.281797E-02			SPCC (0.4)	
1,2-Dichloroethane	1.058694	4.05401	5.693857	2.666107E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2170522	5.987981	6.496429	1.389108E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.589298	5.715607	10.65	1.507649E-02			20	
1,3-Dichlorobenzene	0.9431015	4.546751	11.42086	2.411825E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3280974	6.578729	8.118714	8.889434E-03			20	
1,4-Dichlorobenzene	0.9019265	6.945614	11.52114	1.579109E-02			SPCC (0.5)	
1,4-Dioxane	2.357247E-03	27.40011	6.632571	4.996566E-02		0.9996548	0.99	
2,2-Dichloropropane	0.8643431	28.08103	4.827143	3.387848E-02		0.9987059	0.99	
2-Butanone	0.1396068	15.53366	4.855	5.570248E-02		0.9992677	SPCC (0.1)	
2-Chloroethylvinyl ether	9.840614E-02	20.32338	7.033857	1.886452E-02		0.9996839	0.99	
2-Chlorotoluene	1.581688	4.627057	10.58214	2.537871E-02			20	
2-Hexanone	0.1314459	17.70805	8.166286	1.287383E-02		0.9992595	SPCC (0.1)	
2-Nitropropane	3.579921E-02	46.06	6.992714	5.205981E-02		0.9970907	0.99	
4-Chlorotoluene	1.389891	3.215101	10.70029	1.566642E-02			20	
4-Methyl-2-pentanone	0.1662493	17.88647	7.324286	0.0224007		0.999514	SPCC (0.1)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1667

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SE50041 Instrument: VOA No. 5

Calibration Date: 05/21/25 00:50

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.3332013	13.7226	3.201429	6.530602E-02			SPCC (0.1)	
Acrolein	0.1072232	6.520418	3.045	0.0897151			20	
Acrylonitrile	0.2596012	7.686247	3.875571	3.093188E-02			20	
Allyl chloride	0.7195555	3.168796	3.487429	6.179984E-02			20	
Benzene	3.72901	4.525585	5.657	2.550613E-02			SPCC (0.5)	
Bromobenzene	0.7347428	5.595382	10.38357	1.536247E-02			20	
Bromochloromethane	0.641956	2.653546	5.079143	3.045301E-02			20	
Bromodichloromethane	0.2335173	19.44988	6.773428	2.608476E-02		0.9994773	SPCC (0.2)	
Bromoform	9.593878E-02	35.95941	9.886857	1.511318E-02		0.9982839	SPCC (0.1)	
Bromomethane	0.2830545	11.46126	2.2065	0.0564182			SPCC (0.1)	
Carbon disulfide	2.016948	7.128117	3.350714	4.814823E-02			SPCC (0.1)	
Carbon tetrachloride	0.8733504	24.75831	5.455429	2.550137E-02		0.9992285	SPCC (0.1)	
Chlorobenzene	0.6233294	4.083175	8.977857	2.228952E-02			SPCC (0.5)	
Chloroethane	0.428075	6.70511	2.322571	0.1387374			SPCC (0.1)	
Chloroform	1.437289	7.122647	5.146	1.563764E-02			SPCC (0.2)	
Chloromethane	0.632267	6.535449	1.757429	0.119132			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.304542	8.496418	4.843571	4.203381E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.300754	25.6964	7.195286	2.083766E-02		0.9991783	SPCC (0.2)	
cis-decahydronaphthalene	0.3211341	15.20114	12.5148	2.992922E-03			20	
Cyclohexane	1.388223	12.00325	5.339857	2.517504E-02			SPCC (0.1)	
Dibromochloromethane	0.1653207	26.2962	8.366286	1.313007E-02		0.9991041	SPCC (0.1)	
Dibromomethane	0.1263785	8.750791	6.629714	3.627164E-02			20	
Dichlorodifluoromethane	0.2635936	6.81851	1.555143	9.303346E-02			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.062346	9.921383	4.307857	3.763161E-02			20	
Ethanol	5.264617E-03	25.47353	2.840857	0.0724962		0.996417	0.99	
Ethyl Benzene	1.051075	9.270902	9.066143	8.401574E-03			SPCC (0.1)	
Ethyl Ether	0.5111835	4.577355	2.8872	6.061614E-02			20	
Ethyl Methacrylate	0.2551803	21.51204	7.796571	2.169203E-02		0.9994978	0.99	
Ethyl tert-butyl ether (ETBE)	1.645282	21.34795	4.653571	5.708507E-02		0.9994092	0.99	
Hexachlorobutadiene	0.3211417	12.17654	13.933	1.088902E-02			20	
Hexachloroethane	0.2380634	30.12561	12.21714	2.218726E-02		0.9985383	0.99	
Iodomethane	0.9136777	9.763128	3.288429	0.0315626			20	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1667

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SE50041 Instrument: VOA No. 5

Calibration Date: 05/21/25 00:50

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	1.74151	15.4652	10.008	9.914352E-03		0.9996714	SPCC (0.1)	
Limonene	0.3982687	15.7107	11.358	2.986877E-02			20	
Methyl acetate	0.4222144	7.045977	3.512	5.143893E-02			SPCC (0.1)	
Methyl Methacrylate	0.1406608	19.5511	6.569286	0.0242851			20	
Methyl tert-butyl ether (MTBE)	1.962532	3.426676	3.858286	5.998339E-02			SPCC (0.1)	
Methylcyclohexane	0.395224	15.89471	6.429	2.090696E-02		0.999807	SPCC (0.1)	
Methylene chloride	1.02212	38.58296	3.622857	4.223922E-02		0.9989192	SPCC (0.1)	
Naphthalene	1.358003	23.68147	14.056	0.020816		0.9993947	0.99	
n-butyl acetate	0.1128609	19.0186	8.2752	9.49696E-03			20	
n-Butylbenzene	2.120007	2.46681	11.88071	3.108997E-02			20	
n-Decane	0.8194746	6.550013	10.606	1.133296E-02			20	
n-Hexane	1.26196	4.633975	4.0942	4.876664E-02			20	
Nitrobenzene	1.597969E-02	52.62126	13.087	1.585471E-02		0.9945454	0.99	
n-Nonane	0.3556337	6.625651	9.1526	1.086765E-02			20	
n-octane	0.229371	6.424638	7.5658	1.543195E-02			20	
n-Propylbenzene	2.315064	5.954179	10.46057	2.357204E-02			20	
n-undecane	0.7933076	13.08797	11.9406	2.124725E-02			20	
o-Xylene	0.761597	15.88157	9.621571	6.497817E-03		0.9996202	SPCC (0.3)	
p- & m- Xylenes	0.8283229	4.736591	9.187286	3.065785E-02			SPCC (0.1)	
p-Diethylbenzene	0.9991188	11.17094	11.85086	2.599876E-02			20	
p-Ethyltoluene	1.834068	7.903818	10.58343	2.282419E-02			20	
p-Isopropyltoluene	1.826654	7.949962	11.41557	1.804211E-02			20	
sec-Butylbenzene	2.004622	10.44793	11.25857	6.911534E-03			20	
Styrene	0.6334202	13.60184	9.641428	6.228624E-03			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.266912	1.285821	5.622	1.405053E-02			20	
SURR: p-Bromofluorobenzene	0.9296756	2.850054	10.20871	2.077392E-02			20	
SURR: Toluene-d8	1.362237	1.07676	7.445429	1.709963E-02			20	
tert-Amyl alcohol (TAA)	4.846111E-02	32.894	5.663428	5.179831E-02		0.9981365	0.99	
tert-Amyl methyl ether (TAME)	1.639491	23.39154	5.728	9.148058E-03		0.9992955	0.99	
tert-Butyl alcohol (TBA)	6.006464E-02	6.035642	3.754	6.584272E-02			20	
tert-Butylbenzene	1.281278	15.21353	11.01443	1.615916E-02		0.9996868	0.99	
Tetrachloroethylene	0.2584386	16.95295	8.072428	2.013407E-02		0.9996195	SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1667

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SE50041 Instrument: VOA No. 5

Calibration Date: 05/21/25 00:50

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.2311359	11.40658	5.120143	6.110833E-02			20	
Toluene	0.9854581	4.366144	7.513143	1.200898E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.073052	4.609028	3.873428	3.432659E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2495803	30.50065	7.751429	2.301288E-02		0.9988108	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5300742	12.02588	10.432	2.671147E-02			20	
trans-decahydronaphthalene	0.5075077	6.983948	11.866	1.370553E-02			20	
Trichloroethylene	0.2159756	12.44968	6.268857	2.673862E-02			SPCC (0.2)	
Trichlorofluoromethane	1.194172	6.454439	2.585	7.445598E-02			SPCC (0.1)	
Vinyl acetate	2.156749	9.034963	4.316429	1.119269E-02			20	
Vinyl Chloride	0.7175263	5.866669	1.863429	6.181423E-02			SPCC (0.1)	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31905634.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E3016	Injection Date:	05/30/25
Lab Sample ID:	S5E3016-CCV1	Injection Time:	07:26

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	43.7	0.2152805	0.1945672		-12.7	20	
1,1,1-Trichloroethane	A	50.0	48.4	1.148025	1.111	0.1	-3.2	20	
1,1,2,2-Tetrachloroethane	A	50.0	41.7	0.5049268	0.4206653	0.3	-16.7	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	43.8	1.204106	1.068801	0.1	-11.2	20	
1,1,2-Trichloroethane	A	50.0	46.3	0.1797938	0.1665633	0.1	-7.4	20	
1,1-Dichloroethane	A	50.0	47.1	1.674656	1.577535	0.2	-5.8	20	
1,1-Dichloroethylene	A	50.0	43.0	1.568151	1.348065	0.1	-14.0	20	
1,2,3-Trichlorobenzene	A	50.0	52.5	0.4345849	0.4038698		5.1	20	
1,2,3-Trichloropropane	A	50.0	41.4	0.1333695	0.1103931		-17.2	20	
1,2,4-Trichlorobenzene	A	50.0	53.6	0.4821056	0.437508	0.2	7.3	20	
1,2,4-Trimethylbenzene	A	50.0	41.7	2.127011	1.815783		-16.7	20	
1,2-Dibromo-3-chloropropane	A	50.0	42.8	6.074129E-02	5.416747E-02	0.05	-14.3	20	
1,2-Dibromoethane	A	50.0	45.1	0.1566649	0.1412873	0.1	-9.8	20	
1,2-Dichlorobenzene	A	50.0	43.5	1.021587	0.8883843	0.4	-13.0	20	
1,2-Dichloroethane	A	50.0	49.7	0.9588114	0.9534041	0.1	-0.6	20	
1,2-Dichloropropane	A	50.0	47.4	0.2480015	0.2352454	0.1	-5.1	20	
1,3,5-Trimethylbenzene	A	50.0	42.4	2.163343	1.8345		-15.2	20	
1,3-Dichlorobenzene	A	50.0	41.7	1.188635	1.013907	0.6	-16.7	20	
1,4-Dichlorobenzene	A	50.0	47.6	1.053534	0.9153477	0.5	-4.8	20	
1,4-Dioxane	A	1000	812	1.484578E-03	1.280578E-03		-18.8	20	
2-Butanone	A	50.0	54.7	8.469989E-02	9.635045E-02	0.1	9.4	20	
2-Hexanone	A	50.0	52.6	8.264891E-02	9.799216E-02	0.1	5.3	20	
4-Methyl-2-pentanone	A	50.0	43.1	0.1141953	0.1122742	0.1	-13.9	20	
Acetone	A	50.0	60.8	0.2317549	0.2816936	0.1	21.5	20	*
Acrolein	A	50.0	45.5	0.1346983	0.1225376		-9.0	20	
Acrylonitrile	A	50.0	50.7	0.2287738	0.2319012		1.4	20	
Benzene	A	50.0	47.4	4.101272	3.883534	0.5	-5.3	20	
Bromochloromethane	A	50.0	54.5	0.6291648	0.6861801		9.1	20	
Bromodichloromethane	A	50.0	46.4	0.2752001	0.2553214	0.2	-7.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31905634.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E3016	Injection Date:	05/30/25
Lab Sample ID:	S5E3016-CCV1	Injection Time:	07:26

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	46.8	7.550714E-02	7.596801E-02	0.1	-6.5	20	
Bromomethane	A	50.0	38.6	0.9319408	0.7191481	0.1	-22.8	20	*
Carbon disulfide	A	50.0	37.7	3.249382	2.448491	0.1	-24.6	20	*
Carbon tetrachloride	A	50.0	49.4	1.071329	0.9554091	0.1	-1.1	20	
Chlorobenzene	A	50.0	46.3	0.7020082	0.6501918	0.5	-7.4	20	
Chloroethane	A	50.0	43.2	0.8219206	0.6993257	0.1	-14.9	20	
Chloroform	A	50.0	48.0	1.504637	1.443876	0.2	-4.0	20	
Chloromethane	A	50.0	31.1	1.12893	0.7027492	0.1	-37.8	20	*
cis-1,2-Dichloroethylene	A	50.0	49.6	1.415098	1.402841	0.1	-0.9	20	
cis-1,3-Dichloropropylene	A	50.0	44.0	0.3473293	0.3289984	0.2	-11.9	20	
Cyclohexane	A	50.0	49.2	1.614443	1.580562	0.1	-1.6	20	
Dibromochloromethane	A	50.0	46.4	0.160162	0.1545578	0.1	-7.3	20	
Dibromomethane	A	50.0	46.0	0.1221349	0.1122307		-8.1	20	
Dichlorodifluoromethane	A	50.0	17.6	0.7537147	0.2652664	0.1	-64.8	20	*
Ethyl Benzene	A	50.0	44.8	1.269525	1.191197	0.1	-10.4	20	
Hexachlorobutadiene	A	50.0	56.4	0.2947372	0.2674056		12.9	20	
Isopropylbenzene	A	50.0	40.7	2.467639	2.055362	0.1	-18.5	20	
Methyl acetate	A	50.0	48.6	0.3786168	0.3736748	0.1	-1.3	20	
Methyl tert-butyl ether (MTBE)	A	50.0	39.9	1.652811	1.422257	0.1	-20.2	20	*
Methylcyclohexane	A	50.0	46.1	0.4998991	0.4452559	0.1	-7.9	20	
Methylene chloride	A	50.0	51.0	1.145734	1.16814	0.1	2.0	20	
n-Butylbenzene	A	50.0	44.2	3.008152	2.658176		-11.6	20	
n-Propylbenzene	A	50.0	42.7	3.282471	2.801523		-14.7	20	
o-Xylene	A	50.0	44.8	0.8980704	0.8652961	0.3	-10.4	20	
p- & m- Xylenes	A	100	96.0	1.001163	0.9616394	0.1	-3.9	20	
p-Isopropyltoluene	A	50.0	41.7	2.545543	2.174238		-16.7	20	
sec-Butylbenzene	A	50.0	42.6	2.829732	2.403893		-14.8	20	
Styrene	A	50.0	45.3	0.7291689	0.7062866	0.3	-9.5	20	
tert-Butyl alcohol (TBA)	A	100	195	3.043614E-02	7.980972E-02		94.7	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31905634.D	Calibration Date:	05/07/25 18:31
Sequence:	S5E3016	Injection Date:	05/30/25
Lab Sample ID:	S5E3016-CCV1	Injection Time:	07:26

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	41.8	1.731803	1.451561		-16.5	20	
Tetrachloroethylene	A	50.0	43.4	0.2712653	0.2229719	0.2	-13.2	20	
Toluene	A	50.0	45.5	1.187486	1.080091	0.4	-9.0	20	
trans-1,2-Dichloroethylene	A	50.0	47.5	1.339901	1.273816	0.1	-4.9	20	
trans-1,3-Dichloropropylene	A	50.0	44.7	0.2879705	0.2800445	0.1	-10.6	20	
Trichloroethylene	A	50.0	44.2	0.2563991	0.2100756	0.2	-11.6	20	
Trichlorofluoromethane	A	50.0	40.0	1.829268	1.462469	0.1	-20.1	20	*
Vinyl Chloride	A	50.0	34.4	1.356017	0.9324752	0.1	-31.2	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31905609.D	Calibration Date:	05/07/25 18:31
Sequence:	S5F0206	Injection Date:	05/29/25
Lab Sample ID:	S5F0206-CCV1	Injection Time:	18:17

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	44.5	0.2152805	0.1983535		-11.1	20	
1,1,1-Trichloroethane	A	50.0	50.9	1.148025	1.169215	0.1	1.8	20	
1,1,2,2-Tetrachloroethane	A	50.0	44.0	0.5049268	0.444242	0.3	-12.0	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	32.0	1.204106	0.7800188	0.1	-35.2	20	*
1,1,2-Trichloroethane	A	50.0	47.5	0.1797938	0.1708045	0.1	-5.0	20	
1,1-Dichloroethane	A	50.0	49.7	1.674656	1.66404	0.2	-0.6	20	
1,1-Dichloroethylene	A	50.0	38.7	1.568151	1.214471	0.1	-22.6	20	*
1,2,3-Trichlorobenzene	A	50.0	55.0	0.4345849	0.4252402		10.0	20	
1,2,3-Trichloropropane	A	50.0	43.8	0.1333695	0.1168434		-12.4	20	
1,2,4-Trichlorobenzene	A	50.0	56.1	0.4821056	0.4611562	0.2	12.3	20	
1,2,4-Trimethylbenzene	A	50.0	42.7	2.127011	1.860262		-14.7	20	
1,2-Dibromo-3-chloropropane	A	50.0	46.2	6.074129E-02	0.0585444	0.05	-7.6	20	
1,2-Dibromoethane	A	50.0	48.3	0.1566649	0.1512616	0.1	-3.4	20	
1,2-Dichlorobenzene	A	50.0	44.8	1.021587	0.9142524	0.4	-10.5	20	
1,2-Dichloroethane	A	50.0	49.7	0.9588114	0.953239	0.1	-0.6	20	
1,2-Dichloropropane	A	50.0	49.7	0.2480015	0.2463763	0.1	-0.7	20	
1,3,5-Trimethylbenzene	A	50.0	43.9	2.163343	1.901081		-12.1	20	
1,3-Dichlorobenzene	A	50.0	42.3	1.188635	1.028763	0.6	-15.5	20	
1,4-Dichlorobenzene	A	50.0	49.1	1.053534	0.9462799	0.5	-1.8	20	
1,4-Dioxane	A	1000	891	1.484578E-03	1.409135E-03		-10.9	20	
2-Butanone	A	50.0	57.0	8.469989E-02	0.1006885	0.1	14.1	20	
2-Hexanone	A	50.0	54.7	8.264891E-02	0.1018868	0.1	9.5	20	
4-Methyl-2-pentanone	A	50.0	46.9	0.1141953	0.1223921	0.1	-6.2	20	
Acetone	A	50.0	61.2	0.2317549	0.2835831	0.1	22.4	20	*
Acrolein	A	50.0	46.1	0.1346983	0.1243084		-7.7	20	
Acrylonitrile	A	50.0	52.8	0.2287738	0.2415263		5.6	20	
Benzene	A	50.0	48.7	4.101272	3.993464	0.5	-2.6	20	
Bromochloromethane	A	50.0	54.6	0.6291648	0.6874468		9.3	20	
Bromodichloromethane	A	50.0	48.4	0.2752001	0.2662656	0.2	-3.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31905609.D	Calibration Date:	05/07/25 18:31
Sequence:	S5F0206	Injection Date:	05/29/25
Lab Sample ID:	S5F0206-CCV1	Injection Time:	18:17

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	48.6	7.550714E-02	7.905919E-02	0.1	-2.8	20	
Bromomethane	A	50.0	35.4	0.9319408	0.6591911	0.1	-29.3	20	*
Carbon disulfide	A	50.0	39.9	3.249382	2.591728	0.1	-20.2	20	*
Carbon tetrachloride	A	50.0	50.5	1.071329	0.9768741	0.1	0.9	20	
Chlorobenzene	A	50.0	46.6	0.7020082	0.6548268	0.5	-6.7	20	
Chloroethane	A	50.0	40.0	0.8219206	0.6468948	0.1	-21.3	20	*
Chloroform	A	50.0	49.2	1.504637	1.479937	0.2	-1.6	20	
Chloromethane	A	50.0	31.9	1.12893	0.7211135	0.1	-36.1	20	*
cis-1,2-Dichloroethylene	A	50.0	51.5	1.415098	1.457958	0.1	3.0	20	
cis-1,3-Dichloropropylene	A	50.0	47.3	0.3473293	0.3537579	0.2	-5.4	20	
Cyclohexane	A	50.0	52.8	1.614443	1.701514	0.1	5.6	20	
Dibromochloromethane	A	50.0	48.1	0.160162	0.1604427	0.1	-3.9	20	
Dibromomethane	A	50.0	46.6	0.1221349	0.1137818		-6.8	20	
Dichlorodifluoromethane	A	50.0	19.2	0.7537147	0.2901493	0.1	-61.5	20	*
Ethyl Benzene	A	50.0	45.1	1.269525	1.200196	0.1	-9.8	20	
Hexachlorobutadiene	A	50.0	59.2	0.2947372	0.2827033		18.4	20	
Isopropylbenzene	A	50.0	44.4	2.467639	2.246509	0.1	-11.2	20	
Methyl acetate	A	50.0	51.9	0.3786168	0.3991215	0.1	5.4	20	
Methyl tert-butyl ether (MTBE)	A	50.0	46.4	1.652811	1.658826	0.1	-7.2	20	
Methylcyclohexane	A	50.0	49.0	0.4998991	0.4757328	0.1	-1.9	20	
Methylene chloride	A	50.0	50.5	1.145734	1.157534	0.1	1.0	20	
n-Butylbenzene	A	50.0	43.5	3.008152	2.617342		-13.0	20	
n-Propylbenzene	A	50.0	44.7	3.282471	2.932098		-10.7	20	
o-Xylene	A	50.0	44.8	0.8980704	0.8654276	0.3	-10.4	20	
p- & m- Xylenes	A	100	94.0	1.001163	0.940897	0.1	-6.0	20	
p-Isopropyltoluene	A	50.0	42.5	2.545543	2.217093		-15.1	20	
sec-Butylbenzene	A	50.0	45.1	2.829732	2.552219		-9.8	20	
Styrene	A	50.0	45.1	0.7291689	0.7036584	0.3	-9.8	20	
tert-Butyl alcohol (TBA)	A	100	235	3.043614E-02	9.724207E-02		135	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31905609.D	Calibration Date:	05/07/25 18:31
Sequence:	S5F0206	Injection Date:	05/29/25
Lab Sample ID:	S5F0206-CCV1	Injection Time:	18:17

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	45.0	1.731803	1.571246		-9.9	20	
Tetrachloroethylene	A	50.0	46.1	0.2712653	0.2380671	0.2	-7.7	20	
Toluene	A	50.0	46.5	1.187486	1.103938	0.4	-7.0	20	
trans-1,2-Dichloroethylene	A	50.0	49.1	1.339901	1.315297	0.1	-1.8	20	
trans-1,3-Dichloropropylene	A	50.0	46.8	0.2879705	0.2938126	0.1	-6.3	20	
Trichloroethylene	A	50.0	47.5	0.2563991	0.2266563	0.2	-5.0	20	
Trichlorofluoromethane	A	50.0	38.8	1.829268	1.418615	0.1	-22.4	20	*
Vinyl Chloride	A	50.0	33.8	1.356017	0.9153469	0.1	-32.5	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 5	Calibration:	SE50041
Lab File ID:	V5447026.D	Calibration Date:	05/21/25 00:50
Sequence:	S5F0220	Injection Date:	06/02/25
Lab Sample ID:	S5F0220-CCV1	Injection Time:	07:38

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	50.0	44.3	0.1834395	0.1833134		-11.5	20
1,1,1-Trichloroethane	A	50.0	42.7	1.067944	0.9359236	0.1	-14.7	20
1,1,2,2-Tetrachloroethane	A	50.0	48.6	0.4931202	0.4789847	0.3	-2.9	20
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	44.1	0.8092622	0.7140501	0.1	-11.8	20
1,1,2-Trichloroethane	A	50.0	47.4	0.1911376	0.1812071	0.1	-5.2	20
1,1-Dichloroethane	A	50.0	44.3	1.475326	1.3063	0.2	-11.5	20
1,1-Dichloroethylene	A	50.0	42.3	1.093145	0.9246344	0.1	-15.4	20
1,2,3-Trichlorobenzene	A	50.0	50.3	0.5404	0.5435168		0.6	20
1,2,3-Trichloropropane	A	50.0	46.6	0.1421848	0.1326409		-6.7	20
1,2,4-Trichlorobenzene	A	50.0	47.6	0.5406096	0.5598807	0.2	-4.9	20
1,2,4-Trimethylbenzene	A	50.0	51.6	1.557494	1.607319		3.2	20
1,2-Dibromo-3-chloropropane	A	50.0	42.2	7.207271E-02	6.572075E-02	0.05	-15.6	20
1,2-Dibromoethane	A	50.0	48.1	0.1778996	0.1712032	0.1	-3.8	20
1,2-Dichlorobenzene	A	50.0	50.7	0.9074383	0.9194502	0.4	1.3	20
1,2-Dichloroethane	A	50.0	43.9	1.058694	0.929737	0.1	-12.2	20
1,2-Dichloropropane	A	50.0	47.7	0.2170522	0.2069296	0.1	-4.7	20
1,3,5-Trimethylbenzene	A	50.0	50.5	1.589298	1.606487		1.1	20
1,3-Dichlorobenzene	A	50.0	51.3	0.9431015	0.9674363	0.6	2.6	20
1,4-Dichlorobenzene	A	50.0	50.7	0.9019265	0.9140178	0.5	1.3	20
1,4-Dioxane	A	1000	810	2.357247E-03	2.029486E-03		-19.0	20
2-Butanone	A	50.0	47.5	0.1396068	0.1399717	0.1	-5.0	20
2-Hexanone	A	50.0	48.8	0.1314459	0.1401291	0.1	-2.5	20
4-Methyl-2-pentanone	A	50.0	42.7	0.1662493	0.1566759	0.1	-14.6	20
Acetone	A	50.0	51.8	0.3332013	0.3449344	0.1	3.5	20
Acrolein	A	50.0	48.1	0.1072232	0.1031558		-3.8	20
Acrylonitrile	A	50.0	40.6	0.2596012	0.2106549		-18.9	20
Benzene	A	50.0	44.7	3.72901	3.336894	0.5	-10.5	20
Bromochloromethane	A	50.0	46.1	0.641956	0.5915789		-7.8	20
Bromodichloromethane	A	50.0	46.5	0.2335173	0.2317717	0.2	-7.0	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 5	Calibration:	SE50041
Lab File ID:	V5447026.D	Calibration Date:	05/21/25 00:50
Sequence:	S5F0220	Injection Date:	06/02/25
Lab Sample ID:	S5F0220-CCV1	Injection Time:	07:38

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	43.1	9.593878E-02	9.135605E-02	0.1	-13.8	20	
Bromomethane	A	50.0	61.6	0.2830545	0.348628	0.1	23.2	20	*
Carbon disulfide	A	50.0	43.2	2.016948	1.743066	0.1	-13.6	20	
Carbon tetrachloride	A	50.0	42.3	0.8733504	0.796418	0.1	-15.4	20	
Chlorobenzene	A	50.0	48.6	0.6233294	0.6062438	0.5	-2.7	20	
Chloroethane	A	50.0	42.7	0.428075	0.3652845	0.1	-14.7	20	
Chloroform	A	50.0	44.7	1.437289	1.285254	0.2	-10.6	20	
Chloromethane	A	50.0	34.0	0.632267	0.4298235	0.1	-32.0	20	*
cis-1,2-Dichloroethylene	A	50.0	44.9	1.304542	1.170492	0.1	-10.3	20	
cis-1,3-Dichloropropylene	A	50.0	44.1	0.300754	0.3021173	0.2	-11.8	20	
Cyclohexane	A	50.0	45.5	1.388223	1.264103	0.1	-8.9	20	
Dibromochloromethane	A	50.0	48.0	0.1653207	0.1639946	0.1	-4.1	20	
Dibromomethane	A	50.0	47.7	0.1263785	0.1206777		-4.5	20	
Dichlorodifluoromethane	A	50.0	22.9	0.2635936	0.1206562	0.1	-54.2	20	*
Ethyl Benzene	A	50.0	50.4	1.051075	1.058895	0.1	0.7	20	
Hexachlorobutadiene	A	50.0	49.1	0.3211417	0.3155927		-1.7	20	
Isopropylbenzene	A	50.0	47.1	1.74151	1.824239	0.1	-5.7	20	
Methyl acetate	A	50.0	39.7	0.4222144	0.3353826	0.1	-20.6	20	*
Methyl tert-butyl ether (MTBE)	A	50.0	41.8	1.962532	1.642322	0.1	-16.3	20	
Methylcyclohexane	A	50.0	46.2	0.395224	0.387513	0.1	-7.6	20	
Methylene chloride	A	50.0	45.8	1.02212	0.7126235	0.1	-8.4	20	
n-Butylbenzene	A	50.0	52.0	2.120007	2.206918		4.1	20	
n-Propylbenzene	A	50.0	51.7	2.315064	2.393619		3.4	20	
o-Xylene	A	50.0	46.7	0.761597	0.7918417	0.3	-6.5	20	
p- & m- Xylenes	A	100	101	0.8283229	0.8389589	0.1	1.3	20	
p-Isopropyltoluene	A	50.0	52.3	1.826654	1.911581		4.6	20	
sec-Butylbenzene	A	50.0	51.8	2.004622	2.077316		3.6	20	
Styrene	A	50.0	52.1	0.6334202	0.6598978	0.3	4.2	20	
tert-Butyl alcohol (TBA)	A	100	193	6.006464E-02	0.1442921		140	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 5	Calibration:	SE50041
Lab File ID:	V5447026.D	Calibration Date:	05/21/25 00:50
Sequence:	S5F0220	Injection Date:	06/02/25
Lab Sample ID:	S5F0220-CCV1	Injection Time:	07:38

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	47.4	1.281278	1.323258		-5.2	20	
Tetrachloroethylene	A	50.0	45.9	0.2584386	0.2288224	0.2	-8.2	20	
Toluene	A	50.0	48.7	0.9854581	0.9590406	0.4	-2.7	20	
trans-1,2-Dichloroethylene	A	50.0	44.0	1.073052	0.9439287	0.1	-12.0	20	
trans-1,3-Dichloropropylene	A	50.0	43.3	0.2495803	0.2510205	0.1	-13.4	20	
Trichloroethylene	A	50.0	46.8	0.2159756	0.2021942	0.2	-6.4	20	
Trichlorofluoromethane	A	50.0	44.7	1.194172	1.067555	0.1	-10.6	20	
Vinyl Chloride	A	50.0	37.2	0.7175263	0.5345259	0.1	-25.5	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BF50204	Laboratory ID:	BF50204-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	82 - 126
1,1,1-Trichloroethane	10.0	10.1	101	78 - 136
1,1,2,2-Tetrachloroethane	10.0	10.5	105	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.3	103	54 - 165
1,1,2-Trichloroethane	10.0	10.5	105	82 - 123
1,1-Dichloroethane	10.0	11.0	110	82 - 129
1,1-Dichloroethylene	10.0	11.0	110	68 - 138
1,2,3-Trichlorobenzene	10.0	8.67	86.7	76 - 136
1,2,3-Trichloropropane	10.0	10.6	106	77 - 128
1,2,4-Trichlorobenzene	10.0	8.72	87.2	76 - 137
1,2,4-Trimethylbenzene	10.0	10.6	106	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.13	91.3	45 - 147
1,2-Dibromoethane	10.0	9.51	95.1	83 - 124
1,2-Dichlorobenzene	10.0	10.0	100	79 - 123
1,2-Dichloroethane	10.0	10.8	108	73 - 132
1,2-Dichloropropane	10.0	11.4	114	78 - 126
1,3,5-Trimethylbenzene	10.0	12.6	126	80 - 131
1,3-Dichlorobenzene	10.0	10.1	101	86 - 122
1,3-Dichloropropane	10.0	10.8	108	81 - 125
1,4-Dichlorobenzene	10.0	9.79	97.9	85 - 124
1,4-Dioxane	210	0.00	0 *	10 - 349
2-Butanone	10.0	10.2	102	49 - 152
2-Hexanone	10.0	9.18	91.8	51 - 146
4-Methyl-2-pentanone	10.0	7.58	75.8	57 - 145
Acetone	10.0	8.87	88.7	14 - 150
Acrolein	10.0	7.30	73.0	10 - 153
Acrylonitrile	10.0	10.8	108	51 - 150
Benzene	10.0	11.4	114	85 - 126
Bromochloromethane	10.0	10.7	107	77 - 128
Bromodichloromethane	10.0	10.5	105	79 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BF50204	Laboratory ID:	BF50204-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	8.03	80.3	78 - 133
Bromomethane	10.0	6.83	68.3	43 - 168
Carbon disulfide	10.0	10.5	105	68 - 146
Carbon tetrachloride	10.0	10.5	105	77 - 141
Chlorobenzene	10.0	10.4	104	88 - 120
Chloroethane	10.0	9.60	96.0	65 - 136
Chloroform	10.0	10.7	107	82 - 128
Chloromethane	10.0	7.44	74.4	43 - 155
cis-1,2-Dichloroethylene	10.0	11.0	110	83 - 129
cis-1,3-Dichloropropylene	10.0	10.1	101	80 - 131
Cyclohexane	10.0	5.54	55.4 *	63 - 149
Dibromochloromethane	10.0	9.82	98.2	80 - 130
Dibromomethane	10.0	10.3	103	72 - 134
Dichlorodifluoromethane	10.0	4.64	46.4	44 - 144
Ethyl Benzene	10.0	10.9	109	80 - 131
Hexachlorobutadiene	10.0	8.85	88.5	67 - 146
Isopropylbenzene	10.0	11.0	110	76 - 140
Methyl acetate	10.0	11.3	113	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	10.1	101	76 - 135
Methylcyclohexane	10.0	11.0	110	72 - 143
Methylene chloride	10.0	10.5	105	55 - 137
Naphthalene	10.0	9.08	90.8	70 - 147
n-Butylbenzene	10.0	10.6	106	79 - 132
n-Propylbenzene	10.0	11.0	110	78 - 133
o-Xylene	10.0	10.7	107	78 - 130
p- & m- Xylenes	20.0	21.8	109	77 - 133
p-Diethylbenzene	10.0	10.3	103	84 - 134
p-Ethyltoluene	10.0	12.6	126	88 - 129
p-Isopropyltoluene	10.0	10.5	105	81 - 136
sec-Butylbenzene	10.0	10.6	106	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BF50204	Laboratory ID:	BF50204-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Styrene	10.0	10.9	109	67 - 132
tert-Butyl alcohol (TBA)	50.0	47.3	94.6	25 - 162
tert-Butylbenzene	10.0	9.32	93.2	77 - 138
Tetrachloroethylene	10.0	9.26	92.6	82 - 131
Toluene	10.0	11.0	110	80 - 127
trans-1,2-Dichloroethylene	10.0	11.2	112	80 - 132
trans-1,3-Dichloropropylene	10.0	9.98	99.8	78 - 131
Trichloroethylene	10.0	10.5	105	82 - 128
Trichlorofluoromethane	10.0	9.00	90.0	67 - 139
Vinyl Chloride	10.0	8.58	85.8	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BF50204	Laboratory ID:	BF50204-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	0.0985	30	82 - 126
1,1,1-Trichloroethane	10.0	9.76	97.6	3.52	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	12.1	121	13.9	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.80	98.0	4.59	30	54 - 165
1,1,2-Trichloroethane	10.0	11.5	115	9.82	30	82 - 123
1,1-Dichloroethane	10.0	10.6	106	4.18	30	82 - 129
1,1-Dichloroethylene	10.0	10.5	105	4.58	30	68 - 138
1,2,3-Trichlorobenzene	10.0	9.95	99.5	13.7	30	76 - 136
1,2,3-Trichloropropane	10.0	11.6	116	9.46	30	77 - 128
1,2,4-Trichlorobenzene	10.0	9.89	98.9	12.6	30	76 - 137
1,2,4-Trimethylbenzene	10.0	10.5	105	0.857	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	11.0	110	19.0	30	45 - 147
1,2-Dibromoethane	10.0	10.7	107	11.9	30	83 - 124
1,2-Dichlorobenzene	10.0	10.7	107	6.46	30	79 - 123
1,2-Dichloroethane	10.0	11.6	116	6.34	30	73 - 132
1,2-Dichloropropane	10.0	11.1	111	3.20	30	78 - 126
1,3,5-Trimethylbenzene	10.0	12.1	121	3.96	30	80 - 131
1,3-Dichlorobenzene	10.0	10.0	100	0.199	30	86 - 122
1,3-Dichloropropane	10.0	11.7	117	7.45	30	81 - 125
1,4-Dichlorobenzene	10.0	9.89	98.9	1.02	30	85 - 124
1,4-Dioxane	210	0.00	0 *		30	10 - 349
2-Butanone	10.0	13.6	136	28.5	30	49 - 152
2-Hexanone	10.0	11.5	115	22.3	30	51 - 146
4-Methyl-2-pentanone	10.0	9.31	93.1	20.5	30	57 - 145
Acetone	10.0	11.1	111	22.3	30	14 - 150
Acrolein	10.0	8.33	83.3	13.2	30	10 - 153
Acrylonitrile	10.0	13.0	130	18.9	30	51 - 150
Benzene	10.0	11.0	110	2.86	30	85 - 126
Bromochloromethane	10.0	11.1	111	4.04	30	77 - 128
Bromodichloromethane	10.0	10.6	106	1.42	30	79 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BF50204	Laboratory ID:	BF50204-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	10.0	10.8	108		29.4	30	78 - 133
Bromomethane	10.0	6.36	63.6		7.13	30	43 - 168
Carbon disulfide	10.0	9.91	99.1		5.59	30	68 - 146
Carbon tetrachloride	10.0	9.86	98.6		6.19	30	77 - 141
Chlorobenzene	10.0	10.0	100		3.72	30	88 - 120
Chloroethane	10.0	9.09	90.9		5.46	30	65 - 136
Chloroform	10.0	10.7	107		0.467	30	82 - 128
Chloromethane	10.0	6.76	67.6		9.58	30	43 - 155
cis-1,2-Dichloroethylene	10.0	10.8	108		1.92	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.4	104		3.32	30	80 - 131
Cyclohexane	10.0	5.30	53.0	*	4.43	30	63 - 149
Dibromochloromethane	10.0	10.6	106		7.55	30	80 - 130
Dibromomethane	10.0	11.2	112		8.49	30	72 - 134
Dichlorodifluoromethane	10.0	4.36	43.6	*	6.22	30	44 - 144
Ethyl Benzene	10.0	10.4	104		4.31	30	80 - 131
Hexachlorobutadiene	10.0	9.64	96.4		8.55	30	67 - 146
Isopropylbenzene	10.0	10.2	102		6.97	30	76 - 140
Methyl acetate	10.0	12.8	128		12.6	30	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	11.8	118		15.2	30	76 - 135
Methylcyclohexane	10.0	10.3	103		6.01	30	72 - 143
Methylene chloride	10.0	10.6	106		0.945	30	55 - 137
Naphthalene	10.0	11.2	112		20.6	30	70 - 147
n-Butylbenzene	10.0	10.6	106		0.283	30	79 - 132
n-Propylbenzene	10.0	10.5	105		4.64	30	78 - 133
o-Xylene	10.0	10.4	104		2.27	30	78 - 130
p- & m- Xylenes	20.0	20.9	104		4.35	30	77 - 133
p-Diethylbenzene	10.0	10.3	103		0.0970	30	84 - 134
p-Ethyltoluene	10.0	12.1	121		3.96	30	88 - 129
p-Isopropyltoluene	10.0	10.4	104		0.477	30	81 - 136
sec-Butylbenzene	10.0	10.4	104		1.91	30	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Water		
Batch:	BF50204	Laboratory ID:	BF50204-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Styrene	10.0	11.0	110	0.731	30	67 - 132
tert-Butyl alcohol (TBA)	50.0	69.5	139	38.0 *	30	25 - 162
tert-Butylbenzene	10.0	8.98	89.8	3.72	30	77 - 138
Tetrachloroethylene	10.0	8.51	85.1	8.44	30	82 - 131
Toluene	10.0	10.5	105	4.48	30	80 - 127
trans-1,2-Dichloroethylene	10.0	10.5	105	5.81	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.8	108	7.80	30	78 - 131
Trichloroethylene	10.0	9.81	98.1	7.17	30	82 - 128
Trichlorofluoromethane	10.0	8.43	84.3	6.54	30	67 - 139
Vinyl Chloride	10.0	7.93	79.3	7.87	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1667
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50045
Instrument: QVOA9
Calibration Date: 05/28/25 17:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2071283	4.568245	9.151333	1.218962E-02			20	
1,1,1-Trichloroethane	0.3362658	3.693721	5.366222	2.521805E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5286158	5.69587	10.442	1.378902E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.1915079	8.326795	3.197	1.438085E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1333532	4.072504	8.003	0.0155248			SPCC (0.1)	
1,1-Dichloroethane	0.3573267	7.485509	4.336	2.606355E-03			SPCC (0.2)	
1,1-Dichloroethylene	0.2864539	8.593813	3.179	2.025328E-02			SPCC (0.1)	
1,1-Dichloropropylene	0.2537146	5.784056	5.518	2.643255E-02			20	
1,2,3-Trichlorobenzene	0.3749011	8.052458	14.44033	8.864221E-03			20	
1,2,3-Trichloropropane	0.1642625	6.267162	10.507	0.0204001			20	
1,2,3-Trimethylbenzene	4.117268	12.90557	11.67433	0.0167212			20	
1,2,4,5-Tetramethylbenzene	2.89806	5.131824	12.897	2.011879E-02			20	
1,2,4-Trichlorobenzene	0.560402	7.730883	13.889	1.413645E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	4.235217	4.030955	11.21044	1.041139E-02			20	
1,2-Dibromo-3-chloropropane	8.930797E-02	18.14967	12.92467	1.745833E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1159435	2.779871	8.536333	1.710956E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.382782	4.270255	12.048	1.419057E-02			SPCC (0.4)	
1,2-Dichloroethane	0.1890472	2.368693	5.725	1.418856E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2547843	5.574963	6.559667	1.942048E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	4.699946	5.260564	10.724	1.414283E-02			20	
1,3-Dichlorobenzene	1.797236	5.856704	11.53333	2.280416E-02			SPCC (0.6)	
1,3-Dichloropropane	0.2352278	3.668198	8.174889	1.145513E-02			20	
1,4-Dichlorobenzene	1.785487	5.565283	11.64567	1.146212E-02			SPCC (0.5)	
1,4-Dioxane							20	
2,2-Dichloropropane	0.3120365	5.196609	4.886333	3.375277E-02			20	
2-Butanone	2.188375E-02	13.06661	4.852667	0.1294616			SPCC (0.1)	
2-Chloroethylvinyl ether							20	
2-Chlorotoluene	1.261018	4.238702	10.69133	1.318737E-02			20	
2-Hexanone	5.420411E-02	16.24768	8.224666	5.069622E-02			SPCC (0.1)	
4-Chlorotoluene	1.212213	3.774253	10.823	1.665218E-02			20	
4-Methyl-2-pentanone	0.1060001	5.609438	7.378889	9.179896E-02			SPCC (0.1)	
Acetone	2.340481E-02	37.70128	3.198889	0.169187		0.9971437	SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
Client: Vektor Consultants
Calibration: SE50045

SDG: 25E1667
Project: 32-20 38th Avenue, Queens New York
Instrument: QVOA9
Calibration Date: 05/28/25 17:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acrolein	0.0160456	15.69316	3.055	6.928837E-02			20	
Acrylonitrile	2.092175E-02	6.164873	3.845889	6.518244E-02			20	
Allyl chloride	0.3181528	10.74995	3.529	4.381336E-02			20	
Benzene	0.7223322	7.179549	5.699	5.995702E-03			SPCC (0.5)	
Bromobenzene	1.943392	3.863331	10.476	1.924752E-02			20	
Bromochloromethane	0.1334251	7.278413	5.093	3.244803E-02			20	
Bromodichloromethane	0.3231942	2.505194	6.811666	1.460858E-02			SPCC (0.2)	
Bromoform	6.055779E-02	11.72446	9.934222	2.077204E-02			SPCC (0.1)	
Bromomethane	0.1345341	49.53765	2.272333	4.666514E-02		0.9997387	SPCC (0.1)	
Carbon disulfide	0.4612885	12.44832	3.408333	0.0396154			SPCC (0.1)	
Carbon tetrachloride	0.2784799	3.756026	5.527667	3.324464E-02			SPCC (0.1)	
Chlorobenzene	0.648699	5.19266	9.064	0.0113399			SPCC (0.5)	
Chlorodifluoromethane (Freon 22)							20	
Chloroethane	0.1917005	60.1293	2.385	6.234762E-02		0.9996639	SPCC (0.1)	
Chloroform	0.3320247	4.017708	5.186666	1.189617E-02			SPCC (0.2)	
Chloromethane	0.282691	61.18708	1.814111	0.1047671		0.9995591	SPCC (0.1)	
cis-1,2-Dichloroethylene	0.3109536	7.699536	4.875667	2.071401E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3639837	2.51924	7.242	1.949125E-02			SPCC (0.2)	
cis-decahydronaphthalene							20	
Cyclohexane	0.8870052	9.277985	5.465	3.091547E-02			SPCC (0.1)	
Dibromochloromethane	0.1577456	3.4009	8.407333	1.491048E-02			SPCC (0.1)	
Dibromomethane	9.351777E-02	2.542891	6.646333	1.766093E-02			20	
Dichlorodifluoromethane	0.2390135	29.97179	1.619667	7.922068E-02		0.9994835	SPCC (0.1)	
Diisopropyl ether (DIPE)	0.5833593	3.426294	4.386	3.537445E-02			20	
Ethanol	1.483304E-03	2.620874	2.943667	7.922556E-02			20	
Ethyl Benzene	1.856759	10.05085	9.306667	2.135246E-02			SPCC (0.1)	
Ethyl Ether							20	
Ethyl Methacrylate	0.1306541	5.625262	7.862333	2.378981E-02			20	
Ethyl tert-butyl ether (ETBE)	0.4607547	3.749824	4.729667	4.320952E-02			20	
Hexachlorobutadiene	0.2729275	10.75612	14.071	1.011035E-02			20	
Hexachloroethane	0.7042998	7.119537	12.37911	1.546699E-02			20	
Iodomethane	0.2939556	70.62837	3.319	1.856394E-02		0.9993759	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1667

Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York

Calibration: SE50045 Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	5.892239	4.953601	10.12467	8.142046E-03			SPCC (0.1)	
Limonene							20	
Methyl acetate	4.295144E-02	6.388878	3.515556	9.631764E-02			SPCC (0.1)	
Methyl Methacrylate	2.864389E-02	3.545488	6.607	3.297941E-02			20	
Methyl tert-butyl ether (MTBE)	0.2902414	3.391981	3.931333	7.427342E-02			SPCC (0.1)	
Methylcyclohexane	0.5364577	8.563515	6.58	2.107893E-02			SPCC (0.1)	
Methylene chloride	0.2435341	8.204581	3.65	1.986468E-02			SPCC (0.1)	
Naphthalene	1.090683	10.81844	14.178	1.592236E-02			20	
n-butyl acetate							20	
n-Butylbenzene	4.306687	4.287833	12.03367	1.797359E-02			20	
n-Decane							20	
n-Hexane							20	
Nitrobenzene	0.2591615	9.884358	12.897	2.011879E-02			20	
n-Nonane							20	
n-octane							20	
n-Propylbenzene	6.681415	4.663997	10.58844	1.613127E-02			20	
n-undecane							20	
o-Xylene	0.9078898	8.635569	9.722555	6.437933E-03			SPCC (0.3)	
p- & m- Xylenes	0.9283793	10.05084	9.306667	2.135246E-02			SPCC (0.1)	
p-Diethylbenzene	2.31773	3.036056	12.005	0.0128428			20	
p-Ethyltoluene	4.699946	5.260564	10.724	1.414283E-02			20	
p-Isopropyltoluene	4.386834	4.232218	11.57067	2.023596E-02			20	
sec-Butylbenzene	5.353574	3.557906	11.39767	1.983242E-02			20	
Styrene	0.6059484	6.837037	9.738667	1.819566E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	0.17918	1.60463	5.652	1.622777E-02			20	
SURR: p-Bromofluorobenzene	2.237431	4.008411	10.31533	5.802912E-03			20	
SURR: Toluene-d8	1.446305	1.241907	7.523667	1.117864E-02			20	
tert-Amyl alcohol (TAA)	1.617441E-03	40.92638	5.698333	0.3787605			20	*
tert-Amyl methyl ether (TAME)	0.3012827	6.411427	5.827667	2.745308E-02			20	
tert-Butyl alcohol (TBA)	3.582909E-03	25.06297	3.761778	0.2489619		0.9995826	0.99	
tert-Butylbenzene	4.258868	3.427228	11.14533	1.424454E-02			20	
Tetrachloroethylene	0.2999843	4.49216	8.142333	4.807124E-03			SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1667
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50045
Instrument: QVOA9
Calibration Date: 05/28/25 17:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.0134804	9.250983	5.143889	0.1015051			20	
Toluene	1.136965	8.018394	7.592667	1.432501E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	0.2816937	7.373854	3.929667	0.0353881			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2643779	3.90167	7.802	2.534832E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	7.071145E-02	25.7167	10.48167	1.923422E-02		0.9991064	0.99	
trans-decahydronaphthalene							20	
Trichloroethylene	0.3011195	5.511797	6.329667	0.018989			SPCC (0.2)	
Trichlorofluoromethane	0.4196917	46.52503	2.659667	4.926397E-02		0.9996816	SPCC (0.1)	
Vinyl acetate	0.1801668	4.061186	4.329333	4.829597E-02			20	
Vinyl Chloride	0.2561998	56.96377	1.927	1.737578E-02		0.9996208	SPCC (0.1)	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	QVOA9	Calibration:	SE50045
Lab File ID:	QV935932.D	Calibration Date:	05/28/25 17:54
Sequence:	S5F0337	Injection Date:	06/03/25
Lab Sample ID:	S5F0337-CCV1	Injection Time:	12:03

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.61	0.2071283	0.1989959		-3.9	20	
1,1,1-Trichloroethane	A	10.0	9.58	0.3362658	0.3221296	0.1	-4.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.86	0.5286158	0.521108	0.3	-1.4	20	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	10.0	9.65	0.1915079	0.1847356	0.1	-3.5	20	
1,1,2-Trichloroethane	A	10.0	10.5	0.1333532	0.1403424	0.1	5.2	20	
1,1-Dichloroethane	A	10.0	10.3	0.3573267	0.3671106	0.2	2.7	20	
1,1-Dichloroethylene	A	10.0	9.86	0.2864539	0.2825599	0.1	-1.4	20	
1,2,3-Trichlorobenzene	A	10.0	8.72	0.3749011	0.3268806		-12.8	20	
1,2,3-Trichloropropane	A	10.0	9.78	0.1642625	0.1607106		-2.2	20	
1,2,4-Trichlorobenzene	A	10.0	8.02	0.560402	0.4493489	0.2	-19.8	20	
1,2,4-Trimethylbenzene	A	10.0	8.45	4.235217	3.578512		-15.5	20	
1,2-Dibromo-3-chloropropane	A	10.0	9.15	8.930797E-02	8.698259E-02	0.05	-2.6	20	
1,2-Dibromoethane	A	10.0	10.2	0.1159435	0.1180341	0.1	1.8	20	
1,2-Dichlorobenzene	A	10.0	8.87	1.382782	1.226724	0.4	-11.3	20	
1,2-Dichloroethane	A	10.0	11.0	0.1890472	0.2086314	0.1	10.4	20	
1,2-Dichloropropane	A	10.0	10.5	0.2547843	0.2669053	0.1	4.8	20	
1,3,5-Trimethylbenzene	A	10.0	8.43	4.699946	3.962814		-15.7	20	
1,3-Dichlorobenzene	A	10.0	8.55	1.797236	1.53745	0.6	-14.5	20	
1,3-Dichloropropane	A	10.0	10.7	0.2352278	0.2510796		6.7	20	
1,4-Dichlorobenzene	A	10.0	8.51	1.785487	1.519318	0.5	-14.9	20	
1,4-Dioxane	A	200	0.00					20	
2-Butanone X	A	10.0	12.6	2.188375E-02	2.808977E-02	0.1	28.4	20	*
2-Hexanone	A	10.0	10.8	5.420411E-02	5.860124E-02	0.1	8.1	20	
4-Methyl-2-pentanone X	A	10.0	12.1	0.1060001	0.1286458	0.1	21.4	20	*
Acetone	A	10.0	11.0	2.340481E-02	2.137998E-02	0.1	10.3	20	
Acrolein	A	10.0	11.4	0.0160456	1.831982E-02		14.2	20	
Acrylonitrile	A	10.0	11.8	2.092175E-02	2.551419E-02		22.0	20	*
Benzene	A	10.0	10.4	0.7223322	0.751625	0.5	4.1	20	
Bromochloromethane	A	10.0	10.9	0.1334251	0.1449973		8.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	QVOA9	Calibration:	SE50045
Lab File ID:	QV935932.D	Calibration Date:	05/28/25 17:54
Sequence:	S5F0337	Injection Date:	06/03/25
Lab Sample ID:	S5F0337-CCV1	Injection Time:	12:03

COMPOUND		TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
			STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromodichloromethane		A	10.0	9.86	0.3231942	0.3185288	0.2	-1.4	20	
Bromoform	X	A	10.0	7.01	6.055779E-02	4.243905E-02	0.1	-29.9	20	*
Bromomethane	X	A	10.0	6.47	0.1345341	7.037179E-02	0.1	-35.3	20	*
Carbon disulfide		A	10.0	9.34	0.4612885	0.4308005	0.1	-6.6	20	
Carbon tetrachloride		A	10.0	9.56	0.2784799	0.26612	0.1	-4.4	20	
Chlorobenzene		A	10.0	9.55	0.648699	0.6193037	0.5	-4.5	20	
Chloroethane		A	10.0	8.80	0.1917005	0.1326292	0.1	-12.0	20	
Chloroform		A	10.0	10.2	0.3320247	0.3375618	0.2	1.7	20	
Chloromethane		A	10.0	8.18	0.282691	0.1703813	0.1	-18.2	20	
cis-1,2-Dichloroethylene		A	10.0	10.4	0.3109536	0.3229182	0.1	3.8	20	
cis-1,3-Dichloropropylene		A	10.0	9.81	0.3639837	0.3570187	0.2	-1.9	20	
Cyclohexane		A	10.0	10.0	0.8870052	0.8896908	0.1	0.3	20	
Dibromochloromethane		A	10.0	9.78	0.1577456	0.1542651	0.1	-2.2	20	
Dibromomethane		A	10.0	10.5	9.351777E-02	9.784343E-02		4.6	20	
Dichlorodifluoromethane	X	A	10.0	7.21	0.2390135	0.159613	0.1	-27.9	20	*
Ethyl Benzene		A	10.0	9.78	1.856759	1.816518	0.1	-2.2	20	
Hexachlorobutadiene		A	10.0	7.24	0.2729275	0.1974672		-27.6	20	*
Isopropylbenzene		A	10.0	8.70	5.892239	5.125619	0.1	-13.0	20	
Methyl acetate	X	A	10.0	13.3	4.295144E-02	5.695752E-02	0.1	32.6	20	*
Methyl tert-butyl ether (MTBE)		A	10.0	11.3	0.2902414	0.329146	0.1	13.4	20	
Methylcyclohexane		A	10.0	10.1	0.5364577	0.5400632	0.1	0.7	20	
Methylene chloride		A	10.0	10.3	0.2435341	0.2497743	0.1	2.6	20	
Naphthalene		A	10.0	9.11	1.090683	0.99395		-8.9	20	
n-Butylbenzene		A	10.0	8.70	4.306687	3.744708		-13.0	20	
n-Propylbenzene		A	10.0	8.79	6.681415	5.875903		-12.1	20	
o-Xylene		A	10.0	9.83	0.9078898	0.8926511	0.3	-1.7	20	
p- & m- Xylenes		A	20.0	19.6	0.9283793	0.9082592	0.1	-2.2	20	
p-Diethylbenzene		A	10.0	8.51	2.31773	1.973267		-14.9	20	
p-Ethyltoluene		A	10.0	8.43	4.699946	3.962814		-15.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1667
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	QVOA9	Calibration:	SE50045
Lab File ID:	QV935932.D	Calibration Date:	05/28/25 17:54
Sequence:	S5F0337	Injection Date:	06/03/25
Lab Sample ID:	S5F0337-CCV1	Injection Time:	12:03

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
p-Isopropyltoluene	A	10.0	8.60	4.386834	3.772712		-14.0	20	
sec-Butylbenzene	A	10.0	8.63	5.353574	4.622616		-13.7	20	
Styrene	A	10.0	9.79	0.6059484	0.5933692	0.3	-2.1	20	
tert-Butyl alcohol (TBA)	A	10.0	23.2	3.582909E-03	7.503704E-03		132	20	*
tert-Butylbenzene	A	10.0	8.65	4.258868	3.686043		-13.5	20	
Tetrachloroethylene	A	10.0	8.37	0.2999843	0.2510294	0.2	-16.3	20	
Toluene	A	10.0	9.62	1.136965	1.093455	0.4	-3.8	20	
trans-1,2-Dichloroethylene	A	10.0	10.1	0.2816937	0.2848752	0.1	1.1	20	
trans-1,3-Dichloropropylene	A	10.0	9.93	0.2643779	0.2624456	0.1	-0.7	20	
Trichloroethylene	A	10.0	9.28	0.3011195	0.2793098	0.2	-7.2	20	
Trichlorofluoromethane	A	10.0	8.41	0.4196917	0.2964521	0.1	-15.9	20	
Vinyl Chloride	A	10.0	8.75	0.2561998	0.1720249	0.1	-12.5	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

25E1670

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
York Analytical Laboratories, Inc., SDG: 25E1670

8 Soil Samples
Collected May 27, 2025

Prepared by: Donald Anné
October 31, 2025

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 8 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the analytical method.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The positive volatile result for methylene chloride was qualified as "not detected" (U) for sample 25 SV-2-N (14-15) because the level reported in the sample was not significantly greater than (more than 10 times) the highest associated blank level.

- The "not detected" volatile results for 1,2,4-trimethylbenzene, 1,3-dichlorobenzene, p-isopropyltoluene, and styrene were qualified as "estimated" (UJ) for the following samples because 1 or 2 percent recoveries for these compounds were below QC limits, but not below 10% in the associated soil LCS/LCSD.

25 SV-2-N (12-14)	25 SV-2-N (14-15)	25 SV-2-S (0-2)
25 SV-2-S (2-4)	25 SV-2-S (10-12)	25 SV-2-S (14-15)

- The "not detected" volatile results for 66 compounds were qualified as "rejected, unusable" (R) for samples 25 SV-2-N (10-12) and 25 SV-2-S (12-14) because the internal standard areas used to quantitate these results were below control limits and below 25%.

- The positive volatile results for acetone were qualified as "estimated, biased high" (J+) for samples 25 SV-2-N (10-12) and 25 SV-2-S (12-14) because the internal standard area used to quantitate these results were below control limits and below 25%.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

All data that are not qualified rejected (R) are considered usable with estimated (J- or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Sample Information

Client Sample ID: 25 SV-2-N (10-12) **York Sample ID:** 25E1670-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	R	IS-LO	mg/kg dry	0.055	0.11	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-N (10-12) **York Sample ID:** 25E1670-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**0.032**	J+	IS-LO mg/kg dry	0.0055	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	R	IS-LO mg/kg dry	0.0055	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	R	CCVE, IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	R	CCVE, IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	R	IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	R	CCVE, IS-LO mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25 SV-2-N (10-12) **York Sample ID:** 25E1670-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND	R	IS-LO	mg/kg dry	0.0055	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND	R	IS-LO	mg/kg dry	0.0055	0.011	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	R	IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	R	CCVE, IS-LO	mg/kg dry	0.0027	0.0055	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND	R	IS-LO	mg/kg dry	0.0082	0.016	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:23	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*230 %*	IS-LO, S-03, S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*81.6 %*	IS-LO, S-03, S-08	*85-120*

Sample Information

Client Sample ID: 25 SV-2-N (10-12) **York Sample ID:** 25E1670-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:30 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*74.1 %*	IS-LO, S-03, S-08		*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.4**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25 SV-2-N (12-14) **York Sample ID:** 25E1670-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-N (12-14) **York Sample ID:** 25E1670-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-N (12-14) **York Sample ID:** 25E1670-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	**Tetrachloroethylene**	**0.0028**	J	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-N (12-14) **York Sample ID:** 25E1670-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:32 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:25	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.0**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25 SV-2-N (14-15) **York Sample ID:** 25E1670-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: 25 SV-2-N (14-15) **York Sample ID:** 25E1670-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25 SV-2-N (14-15) **York Sample ID:** 25E1670-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**0.0068**	U J	mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-N (14-15) **York Sample ID:** 25E1670-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:34 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D	05/29/2025 08:00	05/30/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25 SV-2-S (0-2) **York Sample ID:** 25E1670-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-S (0-2) **York Sample ID:** 25E1670-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-S (0-2) **York Sample ID:** 25E1670-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:00 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:18	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25 SV-2-S (0-2) **York Sample ID:** 25E1670-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:00 am	05/27/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.4		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25 SV-2-S (2-4) **York Sample ID:** 25E1670-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-S (2-4) **York Sample ID:** 25E1670-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.071	0.14	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25 SV-2-S (2-4) **York Sample ID:** 25E1670-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-S (2-4) **York Sample ID:** 25E1670-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:02 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260D	05/29/2025 08:00	05/30/2025 02:44	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.9**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25 SV-2-S (10-12) **York Sample ID:** 25E1670-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25 SV-2-S (10-12) **York Sample ID:** 25E1670-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-S (10-12) **York Sample ID:** 25E1670-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-S (10-12) **York Sample ID:** 25E1670-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:04 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260D	05/29/2025 08:00	05/30/2025 03:10	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.0**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25 SV-2-S (12-14) **York Sample ID:** 25E1670-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 25 SV-2-S (12-14) **York Sample ID:** 25E1670-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	R	IS-LO	mg/kg dry	0.068	0.14	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**0.016**	J+	IS-LO	mg/kg dry	0.0068	0.014	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-S (12-14) **York Sample ID:** 25E1670-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	R	IS-LO	mg/kg dry	0.0068	0.014	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	R	CCVE, IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	R	CCVE, IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND	R	CCVE, IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-S (12-14) **York Sample ID:** 25E1670-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:06 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result		Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND	R	IS-LO	mg/kg dry	0.0068	0.014	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND	R	IS-LO	mg/kg dry	0.0068	0.014	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND	R	IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	R	CCVE, IS-LO	mg/kg dry	0.0034	0.0068	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND	R	IS-LO	mg/kg dry	0.010	0.020	1	EPA 8260D	06/02/2025 07:00	06/02/2025 16:50	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*184 %*	IS-LO, S-03, S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*88.7 %*	IS-LO	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*76.4 %*	IS-LO	*76-130*

Sample Information

Client Sample ID: 25 SV-2-S (12-14) **York Sample ID:** 25E1670-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:06 am	05/27/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	80.8		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: 25 SV-2-S (14-15) **York Sample ID:** 25E1670-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:10 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	UJ QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-S (14-15) **York Sample ID:** 25E1670-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:10 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	UJ QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: 25 SV-2-S (14-15) **York Sample ID:** 25E1670-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:10 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	UJ QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND	UJ QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: 25 SV-2-S (14-15) **York Sample ID:** 25E1670-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1670	32-20 38th Avenue, Queens New York	Soil	May 27, 2025 9:10 am	05/27/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D	05/29/2025 08:00	05/30/2025 04:03	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.1**		%	0.100	1	SM 2540G	05/29/2025 08:42	05/29/2025 09:19	BF
						Certifications:	CTDOH-PH-0723			

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data for
York Analytical Laboratories, Inc., SDG: 25E1670

8 Soil Samples
Collected May 27, 2025

Prepared by: Donald Anné
October 31, 2025

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-butanone, 2-hexanone, and bromoform were below the method minimums, but not below 0.010 for VOA No.3 on 05-07-25. The average RRF for bromoform was below the method minimums, but not below 0.010 for VOA No.5 on 05-21-25. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %RSD for 1,2,4-trichlorobenzene was above the allowable maximum (30%) for VOA No.3 on 05-07-25. The %RSDs for bromoform, methylene chloride, and trans-1,3-dichloropropylene were above the allowable maximum (30%) for VOA No.3 on 05-21-25. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRF for bromoform was below the method minimums, but not below 0.010 on 05-29-25 (V31905609.D). The RRF for bromoform was below the method minimums, but not below 0.010 on 06-02-25 (V5447026.D). The %Ds for 10 compounds (highlighted yellow on attached FORM VII) were above the method maximum on 05-29-25 (V31905609.D). The %Ds for bromomethane, chloromethane, dichlorodifluoromethane, methyl acetate, and vinyl chloride were above the method maximum on 06-02-25 (V5447026.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for 10 compounds (highlighted yellow on attached FORM VII) and TBA were above the allowable maximum (20%) on 05-29-25 (V31905609.D). The %Ds for bromomethane, chloromethane, dichlorodifluoromethane, methyl acetate, TBA, and vinyl chloride were above the allowable maximum (20%) on 06-02-25 (V5447026.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank BE52232-BLK1 contained a trace of methylene chloride (0.0069 mg/kg). Positive results for methylene chloride that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard retention times were within control limits. Three of three internal standard areas for samples 25 SV-2-N (10-12) and 25 SV-2-S (12-14) were below control limits and below 25%. Positive results for target compounds should be considered estimated, biased high (J+) and "not detected" results rejected, unusable (R) in samples 25 SV-2-N (10-12) and 25 SV-2-S (12-14).

Surrogate Recovery: Two of three surrogate recoveries for sample 25 SV-2-N (10-12) were below control limits, but not below 10% and 1 of 3 surrogate recoveries was above control limits. Positive results for target compounds should be considered estimated (J) in sample 25 SV-2-N (10-12).

One of three surrogate recoveries for sample 25 SV-2-S (12-14) was above control limits. Positive results for target compounds should be considered estimated, biased high (J+) in sample 25 SV-2-S (12-14).

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum, but 2 of 2 percent recoveries (%Rs) for 1,3-dichlorobenzene, p-isopropyltoluene, and styrene, and 1 of 2 %Rs for 1,2,4-trimethylbenzene were below QC limits, but not below 10% for soil samples BE52232-BS1/BSD1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

The %RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for dichlorodifluoromethane were above QC limits for soil samples BF50025-BS1/BSD1. Positive results for dichlorodifluoromethane should be considered estimated, biased high (J+) in associated soil samples.

Compound ID: Checked compounds and surrogates were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1670
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Sequence: S5F0220
Instrument: VOA No. 5
Calibration: SE50041

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5F0220-CCV1)			Lab File ID: V5447026.D		Analyzed: 06/02/25 07:38			
SURR: 1,2-Dichloroethane-d4	50.0	98.2	80 - 120	5.622	5.622	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	103	80 - 120	7.448	7.445429	0.0026	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	99.9	80 - 120	10.21	10.20871	0.0013	+/-1.00	
Blank (BF50025-BLK1)			Lab File ID: V5447027.D		Analyzed: 06/02/25 08:11			
SURR: 1,2-Dichloroethane-d4	50.0	102	77 - 125	5.622	5.622	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	103	85 - 120	7.445	7.445429	-0.0004	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	107	76 - 130	10.21	10.20871	0.0013	+/-1.00	
LCS (BF50025-BS1)			Lab File ID: V5447028.D		Analyzed: 06/02/25 08:38			
SURR: 1,2-Dichloroethane-d4	50.0	99.6	77 - 125	5.622	5.622	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	103	85 - 120	7.448	7.445429	0.0026	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	100	76 - 130	10.21	10.20871	0.0013	+/-1.00	
LCS Dup (BF50025-BSD1)			Lab File ID: V5447029.D		Analyzed: 06/02/25 09:05			
SURR: 1,2-Dichloroethane-d4	50.0	97.9	77 - 125	5.622	5.622	0.0000	+/-1.00	
SURR: Toluene-d8	50.0	102	85 - 120	7.448	7.445429	0.0026	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	101	76 - 130	10.21	10.20871	0.0013	+/-1.00	
25 SV-2-N (10-12) (25E1670-01)			Lab File ID: V5447045.D		Analyzed: 06/02/25 16:23			
SURR: 1,2-Dichloroethane-d4	50.0	230	77 - 125	5.619	5.622	-0.0030	+/-1.00	*
SURR: Toluene-d8	50.0	81.6	85 - 120	7.448	7.445429	0.0026	+/-1.00	*
SURR: p-Bromofluorobenzene	50.0	74.1	76 - 130	10.217	10.20871	0.0083	+/-1.00	*
25 SV-2-S (12-14) (25E1670-07)			Lab File ID: V5447046.D		Analyzed: 06/02/25 16:50			
SURR: 1,2-Dichloroethane-d4	50.0	184	77 - 125	5.622	5.622	0.0000	+/-1.00	*
SURR: Toluene-d8	50.0	88.7	85 - 120	7.455	7.445429	0.0096	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	76.4	76 - 130	10.213	10.20871	0.0043	+/-1.00	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52232	Laboratory ID:	BE52232-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	41.6	83.2	75 - 129
1,1,1-Trichloroethane	50.0	49.8	99.7	71 - 137
1,1,2,2-Tetrachloroethane	50.0	43.7	87.4	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	35.2	70.5	58 - 146
1,1,2-Trichloroethane	50.0	46.0	92.0	83 - 123
1,1-Dichloroethane	50.0	48.6	97.2	75 - 130
1,1-Dichloroethylene	50.0	41.9	83.7	64 - 137
1,2,3-Trichlorobenzene	50.0	53.8	108	81 - 140
1,2,3-Trichloropropane	50.0	43.5	87.1	81 - 126
1,2,4-Trichlorobenzene	50.0	56.3	113	80 - 141
1,2,4-Trimethylbenzene	50.0	41.9	83.7 *	84 - 125
1,2-Dibromo-3-chloropropane	50.0	44.1	88.2	74 - 142
1,2-Dibromoethane	50.0	47.9	95.8	86 - 123
1,2-Dichlorobenzene	50.0	43.7	87.4	85 - 122
1,2-Dichloroethane	50.0	48.3	96.6	71 - 133
1,2-Dichloropropane	50.0	48.6	97.3	81 - 122
1,3,5-Trimethylbenzene	50.0	43.6	87.2	82 - 126
1,3-Dichlorobenzene	50.0	41.1	82.3 *	84 - 124
1,4-Dichlorobenzene	50.0	48.4	96.8	84 - 124
1,4-Dioxane	1050	979	93.2	10 - 228
2-Butanone	50.0	45.7	91.3	58 - 147
2-Hexanone	50.0	46.7	93.4	70 - 139
4-Methyl-2-pentanone	50.0	45.6	91.2	72 - 132
Acetone	50.0	37.8	75.7	36 - 155
Acrolein	50.0	25.1	50.2	10 - 238
Acrylonitrile	50.0	53.5	107	66 - 141
Benzene	50.0	48.5	97.0	77 - 127
Bromochloromethane	50.0	53.7	107	74 - 129
Bromodichloromethane	50.0	44.7	89.5	81 - 124
Bromoform	50.0	48.5	96.9	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52232	Laboratory ID:	BE52232-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	38.8	77.6	32 - 177
Carbon disulfide	50.0	43.0	86.0	10 - 136
Carbon tetrachloride	50.0	49.7	99.5	66 - 143
Chlorobenzene	50.0	46.1	92.2	86 - 120
Chloroethane	50.0	46.1	92.2	51 - 142
Chloroform	50.0	47.7	95.4	76 - 131
Chloromethane	50.0	50.9	102	49 - 132
cis-1,2-Dichloroethylene	50.0	49.7	99.4	74 - 132
cis-1,3-Dichloropropylene	50.0	45.3	90.5	81 - 129
Cyclohexane	50.0	54.7	109	70 - 130
Dibromochloromethane	50.0	46.5	93.1	10 - 200
Dibromomethane	50.0	45.8	91.7	83 - 124
Dichlorodifluoromethane	50.0	62.7	125	28 - 158
Ethyl Benzene	50.0	43.7	87.3	84 - 125
Hexachlorobutadiene	50.0	56.5	113	83 - 133
Isopropylbenzene	50.0	43.2	86.4	81 - 127
Methyl acetate	50.0	51.9	104	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	46.4	92.8	74 - 131
Methylcyclohexane	50.0	49.2	98.3	70 - 130
Methylene chloride	50.0	50.3	101	57 - 141
n-Butylbenzene	50.0	41.7	83.3	80 - 130
n-Propylbenzene	50.0	43.3	86.7	74 - 136
o-Xylene	50.0	44.2	88.4	83 - 123
p- & m- Xylenes	100	90.4	90.4	82 - 128
p-Isopropyltoluene	50.0	40.5	81.0 *	85 - 125
sec-Butylbenzene	50.0	43.5	86.9	83 - 125
Styrene	50.0	42.2	84.4 *	86 - 126
tert-Butyl alcohol (TBA)	250	238	95.2	70 - 130
tert-Butylbenzene	50.0	42.8	85.6	80 - 127
Tetrachloroethylene	50.0	43.2	86.4	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52232	Laboratory ID:	BE52232-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	45.6	91.1	85 - 121
trans-1,2-Dichloroethylene	50.0	49.3	98.7	72 - 132
trans-1,3-Dichloropropylene	50.0	43.6	87.1	78 - 132
Trichloroethylene	50.0	46.7	93.5	84 - 123
Trichlorofluoromethane	50.0	44.2	88.3	62 - 140
Vinyl Chloride	50.0	46.8	93.6	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52232	Laboratory ID:	BE52232-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	42.0	83.9		0.838	30	75 - 129
1,1,1-Trichloroethane	50.0	49.8	99.6		0.0803	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	45.9	91.7		4.89	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	34.8	69.6		1.23	30	58 - 146
1,1,2-Trichloroethane	50.0	46.6	93.3		1.42	30	83 - 123
1,1-Dichloroethane	50.0	48.5	97.1		0.124	30	75 - 130
1,1-Dichloroethylene	50.0	41.2	82.4		1.59	30	64 - 137
1,2,3-Trichlorobenzene	50.0	56.3	113		4.52	30	81 - 140
1,2,3-Trichloropropane	50.0	45.9	91.8		5.26	30	81 - 126
1,2,4-Trichlorobenzene	50.0	57.6	115		2.25	30	80 - 141
1,2,4-Trimethylbenzene	50.0	42.4	84.7		1.21	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	46.0	92.0		4.24	30	74 - 142
1,2-Dibromoethane	50.0	49.6	99.3		3.55	30	86 - 123
1,2-Dichlorobenzene	50.0	44.9	89.8		2.80	30	85 - 122
1,2-Dichloroethane	50.0	48.4	96.7		0.145	30	71 - 133
1,2-Dichloropropane	50.0	48.0	95.9		1.39	30	81 - 122
1,3,5-Trimethylbenzene	50.0	43.9	87.8		0.708	30	82 - 126
1,3-Dichlorobenzene	50.0	41.7	83.4	*	1.33	30	84 - 124
1,4-Dichlorobenzene	50.0	49.4	98.7		1.94	30	84 - 124
1,4-Dioxane	1050	1000	95.3		2.25	30	10 - 228
2-Butanone	50.0	47.4	94.8		3.76	30	58 - 147
2-Hexanone	50.0	48.7	97.4		4.26	30	70 - 139
4-Methyl-2-pentanone	50.0	48.4	96.9		6.02	30	72 - 132
Acetone	50.0	38.7	77.4		2.30	30	36 - 155
Acrolein	50.0	24.2	48.3		3.78	30	10 - 238
Acrylonitrile	50.0	53.8	108		0.503	30	66 - 141
Benzene	50.0	48.6	97.2		0.144	30	77 - 127
Bromochloromethane	50.0	53.3	107		0.711	30	74 - 129
Bromodichloromethane	50.0	44.8	89.7		0.223	30	81 - 124
Bromoform	50.0	49.6	99.2		2.35	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1670
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Matrix: Soil
Batch: BE52232
Laboratory ID: BE52232-BSD1
Preparation: EPA 5035A
Initial/Final: 5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	38.0	75.9		2.19	30	32 - 177
Carbon disulfide	50.0	42.8	85.7		0.396	30	10 - 136
Carbon tetrachloride	50.0	49.8	99.5		0.0603	30	66 - 143
Chlorobenzene	50.0	46.1	92.2		0.0868	30	86 - 120
Chloroethane	50.0	44.3	88.6		3.94	30	51 - 142
Chloroform	50.0	47.5	95.0		0.462	30	76 - 131
Chloromethane	50.0	50.2	100		1.52	30	49 - 132
cis-1,2-Dichloroethylene	50.0	49.5	99.0		0.423	30	74 - 132
cis-1,3-Dichloropropylene	50.0	45.6	91.3		0.836	30	81 - 129
Cyclohexane	50.0	54.6	109		0.165	30	70 - 130
Dibromochloromethane	50.0	47.5	95.0		2.06	30	10 - 200
Dibromomethane	50.0	46.1	92.2		0.587	30	83 - 124
Dichlorodifluoromethane	50.0	62.2	124		0.832	30	28 - 158
Ethyl Benzene	50.0	43.6	87.2		0.0917	30	84 - 125
Hexachlorobutadiene	50.0	57.5	115		1.81	30	83 - 133
Isopropylbenzene	50.0	43.8	87.6		1.33	30	81 - 127
Methyl acetate	50.0	53.1	106		2.30	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	47.3	94.6		1.99	30	74 - 131
Methylcyclohexane	50.0	49.2	98.3		0.00	30	70 - 130
Methylene chloride	50.0	50.5	101		0.516	30	57 - 141
n-Butylbenzene	50.0	41.7	83.5		0.168	30	80 - 130
n-Propylbenzene	50.0	43.4	86.9		0.230	30	74 - 136
o-Xylene	50.0	44.1	88.2		0.204	30	83 - 123
p- & m- Xylenes	100	89.9	89.9		0.532	30	82 - 128
p-Isopropyltoluene	50.0	40.8	81.6	*	0.763	30	85 - 125
sec-Butylbenzene	50.0	44.0	88.0		1.19	30	83 - 125
Styrene	50.0	42.6	85.2	*	0.896	30	86 - 126
tert-Butyl alcohol (TBA)	250	259	104		8.48	30	70 - 130
tert-Butylbenzene	50.0	43.5	87.1		1.74	30	80 - 127
Tetrachloroethylene	50.0	43.3	86.5		0.139	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BE52232	Laboratory ID:	BE52232-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	45.1	90.3	0.926	30	85 - 121
trans-1,2-Dichloroethylene	50.0	49.4	98.8	0.101	30	72 - 132
trans-1,3-Dichloropropylene	50.0	44.0	88.0	1.05	30	78 - 132
Trichloroethylene	50.0	47.0	93.9	0.470	30	84 - 123
Trichlorofluoromethane	50.0	42.7	85.3	3.46	30	62 - 140
Vinyl Chloride	50.0	44.9	89.8	4.17	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BF50025	Laboratory ID:	BF50025-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	42.9	85.9	75 - 129
1,1,1-Trichloroethane	50.0	43.8	87.5	71 - 137
1,1,2,2-Tetrachloroethane	50.0	50.4	101	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	48.0	96.0	58 - 146
1,1,2-Trichloroethane	50.0	47.5	95.1	83 - 123
1,1-Dichloroethane	50.0	44.5	89.0	75 - 130
1,1-Dichloroethylene	50.0	45.3	90.5	64 - 137
1,2,3-Trichlorobenzene	50.0	50.7	101	81 - 140
1,2,3-Trichloropropane	50.0	48.1	96.2	81 - 126
1,2,4-Trichlorobenzene	50.0	48.9	97.9	80 - 141
1,2,4-Trimethylbenzene	50.0	52.2	104	84 - 125
1,2-Dibromo-3-chloropropane	50.0	42.1	84.3	74 - 142
1,2-Dibromoethane	50.0	48.6	97.2	86 - 123
1,2-Dichlorobenzene	50.0	52.0	104	85 - 122
1,2-Dichloroethane	50.0	44.2	88.4	71 - 133
1,2-Dichloropropane	50.0	48.1	96.1	81 - 122
1,3,5-Trimethylbenzene	50.0	51.5	103	82 - 126
1,3-Dichlorobenzene	50.0	52.5	105	84 - 124
1,4-Dichlorobenzene	50.0	51.7	103	84 - 124
1,4-Dioxane	1050	923	87.9	10 - 228
2-Butanone	50.0	36.7	73.4	58 - 147
2-Hexanone	50.0	41.1	82.2	70 - 139
4-Methyl-2-pentanone	50.0	42.5	84.9	72 - 132
Acetone	50.0	30.3	60.5	36 - 155
Acrolein	50.0	26.9	53.8	10 - 238
Acrylonitrile	50.0	42.4	84.8	66 - 141
Benzene	50.0	46.5	92.9	77 - 127
Bromochloromethane	50.0	47.0	94.1	74 - 129
Bromodichloromethane	50.0	44.3	88.5	81 - 124
Bromoform	50.0	44.6	89.2	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BF50025	Laboratory ID:	BF50025-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	68.6	137	32 - 177
Carbon disulfide	50.0	46.3	92.7	10 - 136
Carbon tetrachloride	50.0	43.4	86.9	66 - 143
Chlorobenzene	50.0	50.2	100	86 - 120
Chloroethane	50.0	50.1	100	51 - 142
Chloroform	50.0	45.1	90.1	76 - 131
Chloromethane	50.0	55.5	111	49 - 132
cis-1,2-Dichloroethylene	50.0	45.2	90.4	74 - 132
cis-1,3-Dichloropropylene	50.0	43.0	86.0	81 - 129
Cyclohexane	50.0	49.3	98.7	70 - 130
Dibromochloromethane	50.0	47.8	95.5	10 - 200
Dibromomethane	50.0	47.7	95.4	83 - 124
Dichlorodifluoromethane	50.0	130	260 *	28 - 158
Ethyl Benzene	50.0	51.6	103	84 - 125
Hexachlorobutadiene	50.0	48.7	97.3	83 - 133
Isopropylbenzene	50.0	47.4	94.9	81 - 127
Methyl acetate	50.0	38.8	77.7	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	40.7	81.3	74 - 131
Methylcyclohexane	50.0	48.4	96.8	70 - 130
Methylene chloride	50.0	44.3	88.6	57 - 141
n-Butylbenzene	50.0	52.5	105	80 - 130
n-Propylbenzene	50.0	52.1	104	74 - 136
o-Xylene	50.0	48.2	96.4	83 - 123
p- & m- Xylenes	100	104	104	82 - 128
p-Isopropyltoluene	50.0	52.2	104	85 - 125
sec-Butylbenzene	50.0	51.8	104	83 - 125
Styrene	50.0	51.8	104	86 - 126
tert-Butyl alcohol (TBA)	250	189	75.5	70 - 130
tert-Butylbenzene	50.0	46.9	93.9	80 - 127
Tetrachloroethylene	50.0	45.0	90.0	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BF50025	Laboratory ID:	BF50025-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	50.0	50.1	100	85 - 121
trans-1,2-Dichloroethylene	50.0	45.4	90.8	72 - 132
trans-1,3-Dichloropropylene	50.0	41.2	82.4	78 - 132
Trichloroethylene	50.0	47.5	95.0	84 - 123
Trichlorofluoromethane	50.0	53.5	107	62 - 140
Vinyl Chloride	50.0	54.1	108	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BF50025	Laboratory ID:	BF50025-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	41.4	82.9	3.53	30	75 - 129
1,1,1-Trichloroethane	50.0	43.8	87.6	0.137	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	48.6	97.2	3.69	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	50.0	46.5	93.0	3.17	30	58 - 146
1,1,2-Trichloroethane	50.0	46.0	91.9	3.34	30	83 - 123
1,1-Dichloroethane	50.0	44.1	88.2	0.925	30	75 - 130
1,1-Dichloroethylene	50.0	44.1	88.3	2.51	30	64 - 137
1,2,3-Trichlorobenzene	50.0	48.4	96.8	4.60	30	81 - 140
1,2,3-Trichloropropane	50.0	46.1	92.2	4.33	30	81 - 126
1,2,4-Trichlorobenzene	50.0	46.8	93.6	4.49	30	80 - 141
1,2,4-Trimethylbenzene	50.0	51.2	102	1.89	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	39.0	78.1	7.61	30	74 - 142
1,2-Dibromoethane	50.0	47.5	95.1	2.27	30	86 - 123
1,2-Dichlorobenzene	50.0	50.2	100	3.62	30	85 - 122
1,2-Dichloroethane	50.0	43.0	86.0	2.73	30	71 - 133
1,2-Dichloropropane	50.0	46.9	93.7	2.53	30	81 - 122
1,3,5-Trimethylbenzene	50.0	50.9	102	1.17	30	82 - 126
1,3-Dichlorobenzene	50.0	50.8	102	3.25	30	84 - 124
1,4-Dichlorobenzene	50.0	50.5	101	2.49	30	84 - 124
1,4-Dioxane	1050	882	84.0	4.53	30	10 - 228
2-Butanone	50.0	35.0	70.0	4.63	30	58 - 147
2-Hexanone	50.0	38.7	77.5	5.86	30	70 - 139
4-Methyl-2-pentanone	50.0	40.6	81.2	4.48	30	72 - 132
Acetone	50.0	29.2	58.4	3.53	30	36 - 155
Acrolein	50.0	25.9	51.9	3.71	30	10 - 238
Acrylonitrile	50.0	40.0	80.0	5.78	30	66 - 141
Benzene	50.0	45.7	91.4	1.63	30	77 - 127
Bromochloromethane	50.0	45.8	91.6	2.69	30	74 - 129
Bromodichloromethane	50.0	43.2	86.4	2.47	30	81 - 124
Bromoform	50.0	42.7	85.3	4.40	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BF50025	Laboratory ID:	BF50025-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	67.6	135		1.45	30	32 - 177
Carbon disulfide	50.0	45.0	90.1		2.87	30	10 - 136
Carbon tetrachloride	50.0	43.4	86.9		0.00	30	66 - 143
Chlorobenzene	50.0	48.8	97.6		2.79	30	86 - 120
Chloroethane	50.0	50.1	100		0.0199	30	51 - 142
Chloroform	50.0	44.5	89.1		1.18	30	76 - 131
Chloromethane	50.0	55.3	111		0.307	30	49 - 132
cis-1,2-Dichloroethylene	50.0	44.6	89.1		1.43	30	74 - 132
cis-1,3-Dichloropropylene	50.0	42.0	84.0		2.35	30	81 - 129
Cyclohexane	50.0	48.6	97.1		1.57	30	70 - 130
Dibromochloromethane	50.0	46.4	92.8		2.91	30	10 - 200
Dibromomethane	50.0	46.1	92.2		3.48	30	83 - 124
Dichlorodifluoromethane	50.0	131	262	*	0.721	30	28 - 158
Ethyl Benzene	50.0	50.3	101		2.59	30	84 - 125
Hexachlorobutadiene	50.0	46.2	92.4		5.21	30	83 - 133
Isopropylbenzene	50.0	47.3	94.6		0.274	30	81 - 127
Methyl acetate	50.0	37.1	74.2		4.61	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	40.1	80.2		1.44	30	74 - 131
Methylcyclohexane	50.0	47.8	95.7		1.18	30	70 - 130
Methylene chloride	50.0	42.8	85.6		3.42	30	57 - 141
n-Butylbenzene	50.0	50.6	101		3.61	30	80 - 130
n-Propylbenzene	50.0	51.3	103		1.62	30	74 - 136
o-Xylene	50.0	46.9	93.9		2.63	30	83 - 123
p- & m- Xylenes	100	101	101		3.10	30	82 - 128
p-Isopropyltoluene	50.0	50.9	102		2.47	30	85 - 125
sec-Butylbenzene	50.0	51.1	102		1.44	30	83 - 125
Styrene	50.0	50.0	100		3.58	30	86 - 126
tert-Butyl alcohol (TBA)	250	182	72.6		3.94	30	70 - 130
tert-Butylbenzene	50.0	46.7	93.3		0.556	30	80 - 127
Tetrachloroethylene	50.0	44.2	88.4		1.79	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil		
Batch:	BF50025	Laboratory ID:	BF50025-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	50.0	48.7	97.5	2.73	30	85 - 121
trans-1,2-Dichloroethylene	50.0	44.0	88.0	3.15	30	72 - 132
trans-1,3-Dichloropropylene	50.0	40.0	80.0	2.91	30	78 - 132
Trichloroethylene	50.0	47.0	94.0	1.02	30	84 - 123
Trichlorofluoromethane	50.0	51.8	104	3.13	30	62 - 140
Vinyl Chloride	50.0	52.9	106	2.26	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1670
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE52232-BLK1	File ID:	V31905612.D
Prepared:	05/29/25 08:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/29/25 19:42	Instrument:	VOA No. 3		
Batch:	BE52232	Sequence:	S5F0206	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0050	U
71-55-6	1,1,1-Trichloroethane	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U
75-35-4	1,1-Dichloroethylene	0.0050	U
87-61-6	1,2,3-Trichlorobenzene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U
120-82-1	1,2,4-Trichlorobenzene	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0050	U
96-12-8	1,2-Dibromo-3-chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.0050	U
107-06-2	1,2-Dichloroethane	0.0050	U
78-87-5	1,2-Dichloropropane	0.0050	U
108-67-8	1,3,5-Trimethylbenzene	0.0050	U
541-73-1	1,3-Dichlorobenzene	0.0050	U
106-46-7	1,4-Dichlorobenzene	0.0050	U
123-91-1	1,4-Dioxane	0.10	U
78-93-3	2-Butanone	0.0050	U
591-78-6	2-Hexanone	0.0050	U
108-10-1	4-Methyl-2-pentanone	0.0050	U
67-64-1	Acetone	0.010	U
107-02-8	Acrolein	0.010	U
107-13-1	Acrylonitrile	0.0050	U
71-43-2	Benzene	0.0050	U
74-97-5	Bromochloromethane	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U
75-25-2	Bromoform	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1670
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE52232-BLK1	File ID:	V31905612.D
Prepared:	05/29/25 08:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/29/25 19:42	Instrument:	VOA No. 3		
Batch:	BE52232	Sequence:	S5F0206	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
74-83-9	Bromomethane	0.0050	U
75-15-0	Carbon disulfide	0.0050	U
56-23-5	Carbon tetrachloride	0.0050	U
108-90-7	Chlorobenzene	0.0050	U
75-00-3	Chloroethane	0.0050	U
67-66-3	Chloroform	0.0050	U
74-87-3	Chloromethane	0.0050	U
156-59-2	cis-1,2-Dichloroethylene	0.0050	U
10061-01-5	cis-1,3-Dichloropropylene	0.0050	U
110-82-7	Cyclohexane	0.0050	U
124-48-1	Dibromochloromethane	0.0050	U
74-95-3	Dibromomethane	0.0050	U
75-71-8	Dichlorodifluoromethane	0.0050	U
100-41-4	Ethyl Benzene	0.0050	U
87-68-3	Hexachlorobutadiene	0.0050	U
98-82-8	Isopropylbenzene	0.0050	U
79-20-9	Methyl acetate	0.0050	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.0050	U
108-87-2	Methylcyclohexane	0.0050	U
75-09-2	Methylene chloride	0.0069	J
104-51-8	n-Butylbenzene	0.0050	U
103-65-1	n-Propylbenzene	0.0050	U
95-47-6	o-Xylene	0.0050	U
179601-23-1	p- & m- Xylenes	0.010	U
99-87-6	p-Isopropyltoluene	0.0050	U
135-98-8	sec-Butylbenzene	0.0050	U
100-42-5	Styrene	0.0050	U
75-65-0	tert-Butyl alcohol (TBA)	0.0050	U
98-06-6	tert-Butylbenzene	0.0050	U
127-18-4	Tetrachloroethylene	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1670
Client:	Vektor Consultants			Project:	32-20 38th Avenue, Queens New York
Matrix:	Soil	Laboratory ID:	BE52232-BLK1	File ID:	V31905612.D
Prepared:	05/29/25 08:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	05/29/25 19:42	Instrument:	VOA No. 3		
Batch:	BE52232	Sequence:	S5F0206	Calibration:	SE50010

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
108-88-3	Toluene	0.0050	U
156-60-5	trans-1,2-Dichloroethylene	0.0050	U
10061-02-6	trans-1,3-Dichloropropylene	0.0050	U
79-01-6	Trichloroethylene	0.0050	U
75-69-4	Trichlorofluoromethane	0.0050	U
75-01-4	Vinyl Chloride	0.0050	U
1330-20-7	Xylenes, Total	0.015	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.2	100	77 - 125	
SURR: p-Bromofluorobenzene	50.0	53.9	108	76 - 130	
SURR: Toluene-d8	50.0	47.5	94.9	85 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	201899	12.177	240450	12.174	
ISTD: Chlorobenzene-d5	506514	9.177	508113	9.18	
ISTD: Fluorobenzene	136496	6.132	131584	6.132	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1670
Client: Vektor Consultants Project: 32-20 38th Avenue, Queens New York
Sequence: S5F0220 Instrument: VOA No. 5
Calibration: SE50041

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5F0220-CCV1)			Lab File ID: V5447026.D			Analyzed: 06/02/25 07:38			
ISTD: Fluorobenzene	283193	5.918				50 - 200		+/-0.17	
ISTD: Chlorobenzene-d5	1071084	8.95				50 - 200		+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	554452	11.927				50 - 200		+/-0.17	
Blank (BF50025-BLK1)			Lab File ID: V5447027.D			Analyzed: 06/02/25 08:11			
ISTD: Fluorobenzene	276587	5.918	283193	5.918	98	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	1013301	8.947	1071084	8.95	95	50 - 200	-0.0030	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	463390	11.927	554452	11.927	84	50 - 200	0.0000	+/-0.17	
LCS (BF50025-BS1)			Lab File ID: V5447028.D			Analyzed: 06/02/25 08:38			
ISTD: Fluorobenzene	287749	5.918	283193	5.918	102	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	1093562	8.947	1071084	8.95	102	50 - 200	-0.0030	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	570829	11.927	554452	11.927	103	50 - 200	0.0000	+/-0.17	
LCS Dup (BF50025-BSD1)			Lab File ID: V5447029.D			Analyzed: 06/02/25 09:05			
ISTD: Fluorobenzene	293792	5.921	283193	5.918	104	50 - 200	0.0030	+/-0.17	
ISTD: Chlorobenzene-d5	1124384	8.95	1071084	8.95	105	50 - 200	0.0000	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	576083	11.927	554452	11.927	104	50 - 200	0.0000	+/-0.17	
25 SV-2-N (10-12) (25E1670-01)			Lab File ID: V5447045.D			Analyzed: 06/02/25 16:23			
ISTD: Fluorobenzene	6200	5.915	283193	5.918	2	50 - 200	-0.0030	+/-0.17	*
ISTD: Chlorobenzene-d5	23989	8.95	1071084	8.95	2	50 - 200	0.0000	+/-0.17	*
ISTD: 1,2-Dichlorobenzene-d4	11430	11.927	554452	11.927	2	50 - 200	0.0000	+/-0.17	*
25 SV-2-S (12-14) (25E1670-07)			Lab File ID: V5447046.D			Analyzed: 06/02/25 16:50			
ISTD: Fluorobenzene	22727	5.918	283193	5.918	8	50 - 200	0.0000	+/-0.17	*
ISTD: Chlorobenzene-d5	87255	8.95	1071084	8.95	8	50 - 200	0.0000	+/-0.17	*
ISTD: 1,2-Dichlorobenzene-d4	40845	11.93	554452	11.927	7	50 - 200	0.0030	+/-0.17	*

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1670
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2152805	23.53426	9.293428	2.166128E-02		0.9992838	0.99	
1,1,1-Trichloroethane	1.148025	10.18036	5.516167	4.955129E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5049268	8.776378	10.617	2.440592E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.204106	14.0246	3.296	9.225994E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1797938	6.164384	8.172714	2.966677E-02			SPCC (0.1)	
1,1-Dichloroethane	1.674656	7.980267	4.493286	3.560229E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.568151	7.933548	3.315428	5.513168E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.346188	14.75364	5.669286	1.168399E-02			20	
1,2,3-Trichlorobenzene	0.4345849	28.19924	14.6	0.0202292		0.9999597	0.99	
1,2,3-Trichloropropane	0.1333695	10.4536	10.669	2.492312E-02			20	
1,2,3-Trimethylbenzene	1.98604	15.3771	11.79914	1.536822E-02		0.9996954	0.99	
1,2,4,5-Tetramethylbenzene	1.689902	31.90639	12.98943	9.827251E-03		0.9998888	0.99	
1,2,4-Trichlorobenzene	0.4821056	36.12883	14.029	1.097435E-02		0.9999425	SPCC (0.2)	
1,2,4-Trimethylbenzene	2.127011	19.97827	11.314	1.591285E-02		0.9992412	0.99	
1,2-Dibromo-3-chloropropane	6.074129E-02	19.36275	13.10057	3.532306E-02		0.9997099	SPCC (0.05)	
1,2-Dibromoethane	0.1566649	11.28042	8.719286	2.594811E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.021587	9.411168	12.19686	2.811354E-02			SPCC (0.4)	
1,2-Dichloroethane	0.9588114	2.535974	5.907	3.022801E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2480015	4.419208	6.716429	2.702294E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.163343	13.68821	10.88657	1.828378E-02			20	
1,3-Dichlorobenzene	1.188635	17.13588	11.66743	1.174525E-02		0.9984721	SPCC (0.6)	
1,3-Dichloropropane	0.3173446	6.526003	8.343143	3.198223E-02			20	
1,4-Dichlorobenzene	1.053534	17.80918	11.768	1.997912E-02		0.9998754	SPCC (0.5)	
1,4-Dioxane	1.484578E-03	27.42674	6.846143	3.754513E-02		0.999718	0.99	
2,2-Dichloropropane	1.188475	22.71865	5.036429	3.398576E-02		0.9999651	0.99	
2-Butanone	8.469989E-02	28.70439	5.055	3.560174E-02		0.9998339	SPCC (0.1)	
2-Chloroethylvinyl ether	6.178585E-02	16.69237	7.247714	3.119138E-02		0.9999127	0.99	
2-Chlorotoluene	2.270612	10.40802	10.82343	1.294704E-02			20	
2-Hexanone	8.264891E-02	22.22132	8.387143	2.710616E-02		0.999821	SPCC (0.1)	
2-Nitropropane	2.929392E-02	24.01759	7.21	4.199584E-02		0.9998541	0.99	
4-Chlorotoluene	1.834339	8.984864	10.94186	1.480685E-02			20	
4-Methyl-2-pentanone	0.1141953	22.37749	7.541	2.529449E-02		0.9996875	SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1670
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.2317549	13.90344	3.386286	7.160947E-02			SPCC (0.1)	
Acrolein	0.1346983	6.719795	3.232286	0.0720173			20	
Acrylonitrile	0.2287738	10.1466	4.072571	0.0776474			20	
Allyl chloride	1.187369	12.0705	3.686429	9.249116E-03			20	
Benzene	4.101272	9.330942	5.875429	1.798749E-02			SPCC (0.5)	
Bromobenzene	0.9579632	8.895121	10.62486	2.041472E-02			20	
Bromochloromethane	0.6291648	2.88067	5.290143	3.214336E-02			20	
Bromodichloromethane	0.2752001	11.01803	6.991429	2.035524E-02			SPCC (0.2)	
Bromoform	7.550714E-02	27.76927	10.126	2.292785E-02		0.9996292	SPCC (0.1)	
Bromomethane	0.9319408	13.81485	2.384	0.1125705			SPCC (0.1)	
Carbon disulfide	3.249382	7.965981	3.554143	3.848769E-02			SPCC (0.1)	
Carbon tetrachloride	1.071329	23.14336	5.672857	2.939861E-02		0.9999659	SPCC (0.1)	
Chlorobenzene	0.7020082	9.942478	9.211143	1.197346E-02			SPCC (0.5)	
Chloroethane	0.8219206	9.869331	2.5	6.176324E-02			SPCC (0.1)	
Chloroform	1.504637	7.191094	5.355429	2.320304E-02			SPCC (0.2)	
Chloromethane	1.12893	6.297399	1.892571	6.211819E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.415098	11.13807	5.052429	0.0523336			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3473293	20.47961	7.415857	0.0125713		0.9998636	SPCC (0.2)	
cis-decahydronaphthalene	0.3904576	17.48407	12.7698	2.437058E-02			20	
Cyclohexane	1.614443	17.46152	5.557714	0.0440853		0.9997852	SPCC (0.1)	
Dibromochloromethane	0.160162	19.09661	8.593429	1.818693E-02		0.9998569	SPCC (0.1)	
Dibromomethane	0.1221349	7.064565	6.85	1.846922E-02			20	
Dichlorodifluoromethane	0.7537147	3.215865	1.682857	8.828588E-02			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.14316	13.70883	4.5075	3.156282E-02			20	
Ethanol	5.97553E-03	4.833001	3.011167	6.484142E-02			20	
Ethyl Benzene	1.269525	16.47638	9.298143	2.098651E-02		0.9997338	SPCC (0.1)	
Ethyl Ether	0.6907483	5.03263	3.0702	2.709435E-02			20	
Ethyl Methacrylate	0.2179799	25.59831	8.010286	2.791806E-02		0.9995473	0.99	
Ethyl tert-butyl ether (ETBE)	1.752369	20.71583	4.853167	3.924696E-02		0.9995143	0.99	
Hexachlorobutadiene	0.2947372	28.06457	14.18914	2.213529E-02		0.9998905	0.99	
Hexachloroethane	0.3870946	24.08237	12.47157	1.285549E-02		0.999664	0.99	
Iodomethane	0.8076757	24.7202	3.488571	4.954129E-02		0.9991614	0.99	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1670
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	2.467639	23.05527	10.24386	0.020598		0.9997847	SPCC (0.1)	
Limonene	0.5454457	22.00639	11.6	1.919746E-02	0.99712		0.99	
Methyl acetate	0.3786168	7.803655	3.7044	6.118531E-02			SPCC (0.1)	
Methyl Methacrylate	0.1108728	20.28413	6.780429	1.840642E-02		0.9998226	0.99	
Methyl tert-butyl ether (MTBE)	1.652811	21.30583	4.059857	3.345353E-02		0.9997438	SPCC (0.1)	
Methylcyclohexane	0.4998991	20.92013	6.650571	2.699197E-02		0.9998903	SPCC (0.1)	
Methylene chloride	1.145734	13.16311	3.822429	0.0466847			SPCC (0.1)	
Naphthalene	1.01996	33.96707	14.32	0.0236625		0.9997671	0.99	
n-butyl acetate	8.316515E-02	25.47255	8.49	1.697155E-02	0.99726		0.99	
n-Butylbenzene	3.008152	10.98297	12.12471	2.166234E-02			20	
n-Decane	1.1283	3.603148	10.836	2.110303E-02			20	
n-Hexane	1.357208	10.17282	4.3012	3.652193E-02			20	
Nitrobenzene	1.566084E-02	33.03505	13.342	9.144699E-03		0.9999037	0.99	
n-Nonane	0.4169293	9.238274	9.3766	2.213854E-02			20	
n-octane	0.2872014	8.108407	7.7828	2.716484E-02			20	
n-Propylbenzene	3.282471	12.494	10.69843	1.596521E-02			20	
n-undecane	1.041801	13.94241	12.1764	1.020477E-02			20	
o-Xylene	0.8980704	24.10605	9.857	2.553265E-02		0.9997169	SPCC (0.3)	
p- & m- Xylenes	1.001163	10.66304	9.417571	2.652885E-02			SPCC (0.1)	
p-Diethylbenzene	1.36418	25.95655	12.09486	1.451068E-02		0.9999808	0.99	
p-Ethyltoluene	2.624067	17.63629	10.82214	1.776569E-02		0.9995799	0.99	
p-Isopropyltoluene	2.545543	19.1297	11.65686	6.746805E-03		0.9994185	0.99	
sec-Butylbenzene	2.829732	18.71045	11.50043	1.019667E-02		0.9998234	0.99	
Styrene	0.7291689	25.63337	9.875429	2.950136E-02		0.9996248	SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.095279	0.5000652	5.836	2.407198E-02			20	
SURR: p-Bromofluorobenzene	1.048003	6.154725	10.44757	1.705966E-02			20	
SURR: Toluene-d8	1.461961	2.571923	7.670286	2.665847E-02			20	
tert-Amyl alcohol (TAA)	3.396096E-02	32.79675	5.8655	0.0313023		0.9994983	0.99	
tert-Amyl methyl ether (TAME)	1.678164	21.53541	5.9395	1.098205E-02		0.9995597	0.99	
tert-Butyl alcohol (TBA)	3.043614E-02	19.9886	3.94	8.875457E-02		0.9996065	0.99	
tert-Butylbenzene	1.731803	25.18325	11.25514	5.466366E-03		0.9997294	0.99	
Tetrachloroethylene	0.2712653	22.49908	8.301428	9.475652E-03		0.999945	SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1670
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50010
Instrument: VOA No. 3
Calibration Date: 05/07/25 18:31

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.1337406	19.75142	5.331	7.931604E-02		0.9999046	0.99	
Toluene	1.187486	9.539273	7.738143	0.0229169			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.339901	8.345819	4.078	4.506116E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2879705	19.27122	7.972143	2.447255E-02		0.9997084	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5442103	12.54113	10.66857	1.994402E-02			20	
trans-decahydronaphthalene	0.3904576	17.48407	12.7698	2.437058E-02			20	
Trichloroethylene	0.2563991	15.28645	6.487143	2.005009E-02		0.9999599	SPCC (0.2)	
Trichlorofluoromethane	1.829268	6.767099	2.769	6.231771E-02			SPCC (0.1)	
Vinyl acetate	2.037477	10.35259	4.514143	1.618564E-02			20	
Vinyl Chloride	1.356017	8.177435	2.015	0.01356			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1670
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50041
Instrument: VOA No. 5
Calibration Date: 05/21/25 00:50

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.1834395	18.91657	9.062143	2.432228E-02		0.9989829	0.99	
1,1,1-Trichloroethane	1.067944	17.53169	5.301429	5.296294E-02		0.9995961	SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4931202	5.111332	10.38186	1.543487E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.8092622	7.431873	3.102286	0.0493883			SPCC (0.1)	
1,1,2-Trichloroethane	0.1911376	7.450371	7.947857	9.14635E-03			SPCC (0.1)	
1,1-Dichloroethane	1.475326	6.647981	4.286143	4.978886E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.093145	3.786795	3.123	5.576042E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.169673	10.32565	5.454571	2.578087E-02			20	
1,2,3-Trichlorobenzene	0.5404	13.80573	14.33543	1.917788E-02			20	
1,2,3-Trichloropropane	0.1421848	6.397725	10.432	2.671147E-02			20	
1,2,3-Trimethylbenzene	1.544231	9.888015	11.554	0.0252495			20	
1,2,4,5-Tetramethylbenzene	1.43114	17.99358	12.74143	4.128526E-03		0.9996319	0.99	
1,2,4-Trichlorobenzene	0.5406096	16.96516	13.76814	0.0119041		0.9994164	SPCC (0.2)	
1,2,4-Trimethylbenzene	1.557494	9.970351	11.07286	1.263465E-02			20	
1,2-Dibromo-3-chloropropane	7.207271E-02	23.48251	12.847	1.296905E-02		0.9990044	SPCC (0.05)	
1,2-Dibromoethane	0.1778996	11.10747	8.486572	0.0137108			SPCC (0.1)	
1,2-Dichlorobenzene	0.9074383	3.380338	11.94643	2.281797E-02			SPCC (0.4)	
1,2-Dichloroethane	1.058694	4.05401	5.693857	2.666107E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2170522	5.987981	6.496429	1.389108E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.589298	5.715607	10.65	1.507649E-02			20	
1,3-Dichlorobenzene	0.9431015	4.546751	11.42086	2.411825E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3280974	6.578729	8.118714	8.889434E-03			20	
1,4-Dichlorobenzene	0.9019265	6.945614	11.52114	1.579109E-02			SPCC (0.5)	
1,4-Dioxane	2.357247E-03	27.40011	6.632571	4.996566E-02		0.9996548	0.99	
2,2-Dichloropropane	0.8643431	28.08103	4.827143	3.387848E-02		0.9987059	0.99	
2-Butanone	0.1396068	15.53366	4.855	5.570248E-02		0.9992677	SPCC (0.1)	
2-Chloroethylvinyl ether	9.840614E-02	20.32338	7.033857	1.886452E-02		0.9996839	0.99	
2-Chlorotoluene	1.581688	4.627057	10.58214	2.537871E-02			20	
2-Hexanone	0.1314459	17.70805	8.166286	1.287383E-02		0.9992595	SPCC (0.1)	
2-Nitropropane	3.579921E-02	46.06	6.992714	5.205981E-02		0.9970907	0.99	
4-Chlorotoluene	1.389891	3.215101	10.70029	1.566642E-02			20	
4-Methyl-2-pentanone	0.1662493	17.88647	7.324286	0.0224007		0.999514	SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1670
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50041
Instrument: VOA No. 5
Calibration Date: 05/21/25 00:50

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.3332013	13.7226	3.201429	6.530602E-02			SPCC (0.1)	
Acrolein	0.1072232	6.520418	3.045	0.0897151			20	
Acrylonitrile	0.2596012	7.686247	3.875571	3.093188E-02			20	
Allyl chloride	0.7195555	3.168796	3.487429	6.179984E-02			20	
Benzene	3.72901	4.525585	5.657	2.550613E-02			SPCC (0.5)	
Bromobenzene	0.7347428	5.595382	10.38357	1.536247E-02			20	
Bromochloromethane	0.641956	2.653546	5.079143	3.045301E-02			20	
Bromodichloromethane	0.2335173	19.44988	6.773428	2.608476E-02		0.9994773	SPCC (0.2)	
Bromoform	9.593878E-02	35.95941	9.886857	1.511318E-02		0.9982839	SPCC (0.1)	
Bromomethane	0.2830545	11.46126	2.2065	0.0564182			SPCC (0.1)	
Carbon disulfide	2.016948	7.128117	3.350714	4.814823E-02			SPCC (0.1)	
Carbon tetrachloride	0.8733504	24.75831	5.455429	2.550137E-02		0.9992285	SPCC (0.1)	
Chlorobenzene	0.6233294	4.083175	8.977857	2.228952E-02			SPCC (0.5)	
Chloroethane	0.428075	6.70511	2.322571	0.1387374			SPCC (0.1)	
Chloroform	1.437289	7.122647	5.146	1.563764E-02			SPCC (0.2)	
Chloromethane	0.632267	6.535449	1.757429	0.119132			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.304542	8.496418	4.843571	4.203381E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.300754	25.6964	7.195286	2.083766E-02		0.9991783	SPCC (0.2)	
cis-decahydronaphthalene	0.3211341	15.20114	12.5148	2.992922E-03			20	
Cyclohexane	1.388223	12.00325	5.339857	2.517504E-02			SPCC (0.1)	
Dibromochloromethane	0.1653207	26.2962	8.366286	1.313007E-02		0.9991041	SPCC (0.1)	
Dibromomethane	0.1263785	8.750791	6.629714	3.627164E-02			20	
Dichlorodifluoromethane	0.2635936	6.81851	1.555143	9.303346E-02			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.062346	9.921383	4.307857	3.763161E-02			20	
Ethanol	5.264617E-03	25.47353	2.840857	0.0724962		0.996417	0.99	
Ethyl Benzene	1.051075	9.270902	9.066143	8.401574E-03			SPCC (0.1)	
Ethyl Ether	0.5111835	4.577355	2.8872	6.061614E-02			20	
Ethyl Methacrylate	0.2551803	21.51204	7.796571	2.169203E-02		0.9994978	0.99	
Ethyl tert-butyl ether (ETBE)	1.645282	21.34795	4.653571	5.708507E-02		0.9994092	0.99	
Hexachlorobutadiene	0.3211417	12.17654	13.933	1.088902E-02			20	
Hexachloroethane	0.2380634	30.12561	12.21714	2.218726E-02		0.9985383	0.99	
Iodomethane	0.9136777	9.763128	3.288429	0.0315626			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1670
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50041
Instrument: VOA No. 5
Calibration Date: 05/21/25 00:50

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	1.74151	15.4652	10.008	9.914352E-03		0.9996714	SPCC (0.1)	
Limonene	0.3982687	15.7107	11.358	2.986877E-02			20	
Methyl acetate	0.4222144	7.045977	3.512	5.143893E-02			SPCC (0.1)	
Methyl Methacrylate	0.1406608	19.5511	6.569286	0.0242851			20	
Methyl tert-butyl ether (MTBE)	1.962532	3.426676	3.858286	5.998339E-02			SPCC (0.1)	
Methylcyclohexane	0.395224	15.89471	6.429	2.090696E-02		0.999807	SPCC (0.1)	
Methylene chloride	1.02212	38.58296	3.622857	4.223922E-02		0.9989192	SPCC (0.1)	
Naphthalene	1.358003	23.68147	14.056	0.020816		0.9993947	0.99	
n-butyl acetate	0.1128609	19.0186	8.2752	9.49696E-03			20	
n-Butylbenzene	2.120007	2.46681	11.88071	3.108997E-02			20	
n-Decane	0.8194746	6.550013	10.606	1.133296E-02			20	
n-Hexane	1.26196	4.633975	4.0942	4.876664E-02			20	
Nitrobenzene	1.597969E-02	52.62126	13.087	1.585471E-02		0.9945454	0.99	
n-Nonane	0.3556337	6.625651	9.1526	1.086765E-02			20	
n-octane	0.229371	6.424638	7.5658	1.543195E-02			20	
n-Propylbenzene	2.315064	5.954179	10.46057	2.357204E-02			20	
n-undecane	0.7933076	13.08797	11.9406	2.124725E-02			20	
o-Xylene	0.761597	15.88157	9.621571	6.497817E-03		0.9996202	SPCC (0.3)	
p- & m- Xylenes	0.8283229	4.736591	9.187286	3.065785E-02			SPCC (0.1)	
p-Diethylbenzene	0.9991188	11.17094	11.85086	2.599876E-02			20	
p-Ethyltoluene	1.834068	7.903818	10.58343	2.282419E-02			20	
p-Isopropyltoluene	1.826654	7.949962	11.41557	1.804211E-02			20	
sec-Butylbenzene	2.004622	10.44793	11.25857	6.911534E-03			20	
Styrene	0.6334202	13.60184	9.641428	6.228624E-03			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.266912	1.285821	5.622	1.405053E-02			20	
SURR: p-Bromofluorobenzene	0.9296756	2.850054	10.20871	2.077392E-02			20	
SURR: Toluene-d8	1.362237	1.07676	7.445429	1.709963E-02			20	
tert-Amyl alcohol (TAA)	4.846111E-02	32.894	5.663428	5.179831E-02		0.9981365	0.99	
tert-Amyl methyl ether (TAME)	1.639491	23.39154	5.728	9.148058E-03		0.9992955	0.99	
tert-Butyl alcohol (TBA)	6.006464E-02	6.035642	3.754	6.584272E-02			20	
tert-Butylbenzene	1.281278	15.21353	11.01443	1.615916E-02		0.9996868	0.99	
Tetrachloroethylene	0.2584386	16.95295	8.072428	2.013407E-02		0.9996195	SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1670
Client: Vektor Consultants
Project: 32-20 38th Avenue, Queens New York
Calibration: SE50041
Instrument: VOA No. 5
Calibration Date: 05/21/25 00:50

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.2311359	11.40658	5.120143	6.110833E-02			20	
Toluene	0.9854581	4.366144	7.513143	1.200898E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.073052	4.609028	3.873428	3.432659E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2495803	30.50065	7.751429	2.301288E-02		0.9988108	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5300742	12.02588	10.432	2.671147E-02			20	
trans-decahydronaphthalene	0.5075077	6.983948	11.866	1.370553E-02			20	
Trichloroethylene	0.2159756	12.44968	6.268857	2.673862E-02			SPCC (0.2)	
Trichlorofluoromethane	1.194172	6.454439	2.585	7.445598E-02			SPCC (0.1)	
Vinyl acetate	2.156749	9.034963	4.316429	1.119269E-02			20	
Vinyl Chloride	0.7175263	5.866669	1.863429	6.181423E-02			SPCC (0.1)	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31905609.D	Calibration Date:	05/07/25 18:31
Sequence:	S5F0206	Injection Date:	05/29/25
Lab Sample ID:	S5F0206-CCV1	Injection Time:	18:17

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	44.5	0.2152805	0.1983535		-11.1	20	
1,1,1-Trichloroethane	A	50.0	50.9	1.148025	1.169215	0.1	1.8	20	
1,1,2,2-Tetrachloroethane	A	50.0	44.0	0.5049268	0.444242	0.3	-12.0	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	32.0	1.204106	0.7800188	0.1	-35.2	20	*
1,1,2-Trichloroethane	A	50.0	47.5	0.1797938	0.1708045	0.1	-5.0	20	
1,1-Dichloroethane	A	50.0	49.7	1.674656	1.66404	0.2	-0.6	20	
1,1-Dichloroethylene	A	50.0	38.7	1.568151	1.214471	0.1	-22.6	20	*
1,2,3-Trichlorobenzene	A	50.0	55.0	0.4345849	0.4252402		10.0	20	
1,2,3-Trichloropropane	A	50.0	43.8	0.1333695	0.1168434		-12.4	20	
1,2,4-Trichlorobenzene	A	50.0	56.1	0.4821056	0.4611562	0.2	12.3	20	
1,2,4-Trimethylbenzene	A	50.0	42.7	2.127011	1.860262		-14.7	20	
1,2-Dibromo-3-chloropropane	A	50.0	46.2	6.074129E-02	0.0585444	0.05	-7.6	20	
1,2-Dibromoethane	A	50.0	48.3	0.1566649	0.1512616	0.1	-3.4	20	
1,2-Dichlorobenzene	A	50.0	44.8	1.021587	0.9142524	0.4	-10.5	20	
1,2-Dichloroethane	A	50.0	49.7	0.9588114	0.953239	0.1	-0.6	20	
1,2-Dichloropropane	A	50.0	49.7	0.2480015	0.2463763	0.1	-0.7	20	
1,3,5-Trimethylbenzene	A	50.0	43.9	2.163343	1.901081		-12.1	20	
1,3-Dichlorobenzene	A	50.0	42.3	1.188635	1.028763	0.6	-15.5	20	
1,4-Dichlorobenzene	A	50.0	49.1	1.053534	0.9462799	0.5	-1.8	20	
1,4-Dioxane	A	1000	891	1.484578E-03	1.409135E-03		-10.9	20	
2-Butanone	A	50.0	57.0	8.469989E-02	0.1006885	0.1	14.1	20	
2-Hexanone	A	50.0	54.7	8.264891E-02	0.1018868	0.1	9.5	20	
4-Methyl-2-pentanone	A	50.0	46.9	0.1141953	0.1223921	0.1	-6.2	20	
Acetone	A	50.0	61.2	0.2317549	0.2835831	0.1	22.4	20	*
Acrolein	A	50.0	46.1	0.1346983	0.1243084		-7.7	20	
Acrylonitrile	A	50.0	52.8	0.2287738	0.2415263		5.6	20	
Benzene	A	50.0	48.7	4.101272	3.993464	0.5	-2.6	20	
Bromochloromethane	A	50.0	54.6	0.6291648	0.6874468		9.3	20	
Bromodichloromethane	A	50.0	48.4	0.2752001	0.2662656	0.2	-3.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31905609.D	Calibration Date:	05/07/25 18:31
Sequence:	S5F0206	Injection Date:	05/29/25
Lab Sample ID:	S5F0206-CCV1	Injection Time:	18:17

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	48.6	7.550714E-02	7.905919E-02	0.1	-2.8	20	
Bromomethane	A	50.0	35.4	0.9319408	0.6591911	0.1	-29.3	20	*
Carbon disulfide	A	50.0	39.9	3.249382	2.591728	0.1	-20.2	20	*
Carbon tetrachloride	A	50.0	50.5	1.071329	0.9768741	0.1	0.9	20	
Chlorobenzene	A	50.0	46.6	0.7020082	0.6548268	0.5	-6.7	20	
Chloroethane	A	50.0	40.0	0.8219206	0.6468948	0.1	-21.3	20	*
Chloroform	A	50.0	49.2	1.504637	1.479937	0.2	-1.6	20	
Chloromethane	A	50.0	31.9	1.12893	0.7211135	0.1	-36.1	20	*
cis-1,2-Dichloroethylene	A	50.0	51.5	1.415098	1.457958	0.1	3.0	20	
cis-1,3-Dichloropropylene	A	50.0	47.3	0.3473293	0.3537579	0.2	-5.4	20	
Cyclohexane	A	50.0	52.8	1.614443	1.701514	0.1	5.6	20	
Dibromochloromethane	A	50.0	48.1	0.160162	0.1604427	0.1	-3.9	20	
Dibromomethane	A	50.0	46.6	0.1221349	0.1137818		-6.8	20	
Dichlorodifluoromethane	A	50.0	19.2	0.7537147	0.2901493	0.1	-61.5	20	*
Ethyl Benzene	A	50.0	45.1	1.269525	1.200196	0.1	-9.8	20	
Hexachlorobutadiene	A	50.0	59.2	0.2947372	0.2827033		18.4	20	
Isopropylbenzene	A	50.0	44.4	2.467639	2.246509	0.1	-11.2	20	
Methyl acetate	A	50.0	51.9	0.3786168	0.3991215	0.1	5.4	20	
Methyl tert-butyl ether (MTBE)	A	50.0	46.4	1.652811	1.658826	0.1	-7.2	20	
Methylcyclohexane	A	50.0	49.0	0.4998991	0.4757328	0.1	-1.9	20	
Methylene chloride	A	50.0	50.5	1.145734	1.157534	0.1	1.0	20	
n-Butylbenzene	A	50.0	43.5	3.008152	2.617342		-13.0	20	
n-Propylbenzene	A	50.0	44.7	3.282471	2.932098		-10.7	20	
o-Xylene	A	50.0	44.8	0.8980704	0.8654276	0.3	-10.4	20	
p- & m- Xylenes	A	100	94.0	1.001163	0.940897	0.1	-6.0	20	
p-Isopropyltoluene	A	50.0	42.5	2.545543	2.217093		-15.1	20	
sec-Butylbenzene	A	50.0	45.1	2.829732	2.552219		-9.8	20	
Styrene	A	50.0	45.1	0.7291689	0.7036584	0.3	-9.8	20	
tert-Butyl alcohol (TBA)	A	100	235	3.043614E-02	9.724207E-02		135	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 3	Calibration:	SE50010
Lab File ID:	V31905609.D	Calibration Date:	05/07/25 18:31
Sequence:	S5F0206	Injection Date:	05/29/25
Lab Sample ID:	S5F0206-CCV1	Injection Time:	18:17

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	45.0	1.731803	1.571246		-9.9	20	
Tetrachloroethylene	A	50.0	46.1	0.2712653	0.2380671	0.2	-7.7	20	
Toluene	A	50.0	46.5	1.187486	1.103938	0.4	-7.0	20	
trans-1,2-Dichloroethylene	A	50.0	49.1	1.339901	1.315297	0.1	-1.8	20	
trans-1,3-Dichloropropylene	A	50.0	46.8	0.2879705	0.2938126	0.1	-6.3	20	
Trichloroethylene	A	50.0	47.5	0.2563991	0.2266563	0.2	-5.0	20	
Trichlorofluoromethane	A	50.0	38.8	1.829268	1.418615	0.1	-22.4	20	*
Vinyl Chloride	A	50.0	33.8	1.356017	0.9153469	0.1	-32.5	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 5	Calibration:	SE50041
Lab File ID:	V5447026.D	Calibration Date:	05/21/25 00:50
Sequence:	S5F0220	Injection Date:	06/02/25
Lab Sample ID:	S5F0220-CCV1	Injection Time:	07:38

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	50.0	44.3	0.1834395	0.1833134		-11.5	20
1,1,1-Trichloroethane	A	50.0	42.7	1.067944	0.9359236	0.1	-14.7	20
1,1,2,2-Tetrachloroethane	A	50.0	48.6	0.4931202	0.4789847	0.3	-2.9	20
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	44.1	0.8092622	0.7140501	0.1	-11.8	20
1,1,2-Trichloroethane	A	50.0	47.4	0.1911376	0.1812071	0.1	-5.2	20
1,1-Dichloroethane	A	50.0	44.3	1.475326	1.3063	0.2	-11.5	20
1,1-Dichloroethylene	A	50.0	42.3	1.093145	0.9246344	0.1	-15.4	20
1,2,3-Trichlorobenzene	A	50.0	50.3	0.5404	0.5435168		0.6	20
1,2,3-Trichloropropane	A	50.0	46.6	0.1421848	0.1326409		-6.7	20
1,2,4-Trichlorobenzene	A	50.0	47.6	0.5406096	0.5598807	0.2	-4.9	20
1,2,4-Trimethylbenzene	A	50.0	51.6	1.557494	1.607319		3.2	20
1,2-Dibromo-3-chloropropane	A	50.0	42.2	7.207271E-02	6.572075E-02	0.05	-15.6	20
1,2-Dibromoethane	A	50.0	48.1	0.1778996	0.1712032	0.1	-3.8	20
1,2-Dichlorobenzene	A	50.0	50.7	0.9074383	0.9194502	0.4	1.3	20
1,2-Dichloroethane	A	50.0	43.9	1.058694	0.929737	0.1	-12.2	20
1,2-Dichloropropane	A	50.0	47.7	0.2170522	0.2069296	0.1	-4.7	20
1,3,5-Trimethylbenzene	A	50.0	50.5	1.589298	1.606487		1.1	20
1,3-Dichlorobenzene	A	50.0	51.3	0.9431015	0.9674363	0.6	2.6	20
1,4-Dichlorobenzene	A	50.0	50.7	0.9019265	0.9140178	0.5	1.3	20
1,4-Dioxane	A	1000	810	2.357247E-03	2.029486E-03		-19.0	20
2-Butanone	A	50.0	47.5	0.1396068	0.1399717	0.1	-5.0	20
2-Hexanone	A	50.0	48.8	0.1314459	0.1401291	0.1	-2.5	20
4-Methyl-2-pentanone	A	50.0	42.7	0.1662493	0.1566759	0.1	-14.6	20
Acetone	A	50.0	51.8	0.3332013	0.3449344	0.1	3.5	20
Acrolein	A	50.0	48.1	0.1072232	0.1031558		-3.8	20
Acrylonitrile	A	50.0	40.6	0.2596012	0.2106549		-18.9	20
Benzene	A	50.0	44.7	3.72901	3.336894	0.5	-10.5	20
Bromochloromethane	A	50.0	46.1	0.641956	0.5915789		-7.8	20
Bromodichloromethane	A	50.0	46.5	0.2335173	0.2317717	0.2	-7.0	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 5	Calibration:	SE50041
Lab File ID:	V5447026.D	Calibration Date:	05/21/25 00:50
Sequence:	S5F0220	Injection Date:	06/02/25
Lab Sample ID:	S5F0220-CCV1	Injection Time:	07:38

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	43.1	9.593878E-02	9.135605E-02	0.1	-13.8	20	
Bromomethane	A	50.0	61.6	0.2830545	0.348628	0.1	23.2	20	*
Carbon disulfide	A	50.0	43.2	2.016948	1.743066	0.1	-13.6	20	
Carbon tetrachloride	A	50.0	42.3	0.8733504	0.796418	0.1	-15.4	20	
Chlorobenzene	A	50.0	48.6	0.6233294	0.6062438	0.5	-2.7	20	
Chloroethane	A	50.0	42.7	0.428075	0.3652845	0.1	-14.7	20	
Chloroform	A	50.0	44.7	1.437289	1.285254	0.2	-10.6	20	
Chloromethane	A	50.0	34.0	0.632267	0.4298235	0.1	-32.0	20	*
cis-1,2-Dichloroethylene	A	50.0	44.9	1.304542	1.170492	0.1	-10.3	20	
cis-1,3-Dichloropropylene	A	50.0	44.1	0.300754	0.3021173	0.2	-11.8	20	
Cyclohexane	A	50.0	45.5	1.388223	1.264103	0.1	-8.9	20	
Dibromochloromethane	A	50.0	48.0	0.1653207	0.1639946	0.1	-4.1	20	
Dibromomethane	A	50.0	47.7	0.1263785	0.1206777		-4.5	20	
Dichlorodifluoromethane	A	50.0	22.9	0.2635936	0.1206562	0.1	-54.2	20	*
Ethyl Benzene	A	50.0	50.4	1.051075	1.058895	0.1	0.7	20	
Hexachlorobutadiene	A	50.0	49.1	0.3211417	0.3155927		-1.7	20	
Isopropylbenzene	A	50.0	47.1	1.74151	1.824239	0.1	-5.7	20	
Methyl acetate	A	50.0	39.7	0.4222144	0.3353826	0.1	-20.6	20	*
Methyl tert-butyl ether (MTBE)	A	50.0	41.8	1.962532	1.642322	0.1	-16.3	20	
Methylcyclohexane	A	50.0	46.2	0.395224	0.387513	0.1	-7.6	20	
Methylene chloride	A	50.0	45.8	1.02212	0.7126235	0.1	-8.4	20	
n-Butylbenzene	A	50.0	52.0	2.120007	2.206918		4.1	20	
n-Propylbenzene	A	50.0	51.7	2.315064	2.393619		3.4	20	
o-Xylene	A	50.0	46.7	0.761597	0.7918417	0.3	-6.5	20	
p- & m- Xylenes	A	100	101	0.8283229	0.8389589	0.1	1.3	20	
p-Isopropyltoluene	A	50.0	52.3	1.826654	1.911581		4.6	20	
sec-Butylbenzene	A	50.0	51.8	2.004622	2.077316		3.6	20	
Styrene	A	50.0	52.1	0.6334202	0.6598978	0.3	4.2	20	
tert-Butyl alcohol (TBA)	A	100	193	6.006464E-02	0.1442921		140	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1670
Client:	Vektor Consultants	Project:	32-20 38th Avenue, Queens New York
Instrument ID:	VOA No. 5	Calibration:	SE50041
Lab File ID:	V5447026.D	Calibration Date:	05/21/25 00:50
Sequence:	S5F0220	Injection Date:	06/02/25
Lab Sample ID:	S5F0220-CCV1	Injection Time:	07:38

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	47.4	1.281278	1.323258		-5.2	20	
Tetrachloroethylene	A	50.0	45.9	0.2584386	0.2288224	0.2	-8.2	20	
Toluene	A	50.0	48.7	0.9854581	0.9590406	0.4	-2.7	20	
trans-1,2-Dichloroethylene	A	50.0	44.0	1.073052	0.9439287	0.1	-12.0	20	
trans-1,3-Dichloropropylene	A	50.0	43.3	0.2495803	0.2510205	0.1	-13.4	20	
Trichloroethylene	A	50.0	46.8	0.2159756	0.2021942	0.2	-6.4	20	
Trichlorofluoromethane	A	50.0	44.7	1.194172	1.067555	0.1	-10.6	20	
Vinyl Chloride	A	50.0	37.2	0.7175263	0.5345259	0.1	-25.5	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

ALPHA
GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

April 6, 2026

Mr.David Klein
Project Manager
vEKtor consultants
555 8th Avenue, Suite 2302
New York, NY 10018

Re: Data Validation Report
Former Refron Inc. Gas Reclamation Site
November 2025-February 2026 Ground Water
and Soil Vapor Sampling Events

Dear Mr. Klein,

The Data Usability Summary Reports are attached to this letter for the Former Refron Inc. Gas Reclamation Site, November 2025-February 2026 ground water and soil vapor sampling events. The data for ALS Environmental SDG numbers 25K0961, 26B0519, and 26B0520 are mostly acceptable, with issues that are identified in the DUSR and QA/QC review summaries. There are data that are rejected, unusable (R) in data pack 26B0519. The DUSR and QA/QC reviews outlines the reasons for rejecting the data. The data are rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of data validation acronyms and qualifiers is attached to assist you in interpreting the data validation reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for providing us an opportunity with vEKtor consultants.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

c:\users\andrea\validation\alpha\32-10 38th ave-26604\pdf\32-10 38th ave-261a.ltr.docx

25K0961

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
ALS Environmental, SDG: 25K0961

3 Soil Vapor/Air Samples
Collected November 13, 2025

Prepared by: Donald Anné
April 6, 2026

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 3 soil vapor/air samples analyzed for TO15 volatiles.

The overall performances of the analyses are acceptable. ALS Environmental did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. There no data qualified as either rejected (R) or estimated; therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.

c:\users\andrea\validation\alpha\32-10 38th ave-26604\pdf\25k0961.dus.docx

Qualified Data Section

(No Data Qualified)

Client:	Vektor Consultants	**Sample ID:**	**25K0961-01**
Client Project:	24030007 32-20 38th Ave Queens NY	**Date Received:**	11/13/2025
Client Sample ID:	WC3210-IndoorAir1	**Collection Date/Time:**	11/13/25 15:06

Lab ID:	**25K0961-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.14	0.57	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,1,1-Trichloroethane	ND		0.16	0.45	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,1,2,2-Tetrachloroethane	ND		0.16	0.57	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**0.76**		0.23	0.63	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,1,2-Trichloroethane	ND		0.16	0.45	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,1-Dichloroethane	ND		0.14	0.33	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,1-Dichloroethylene	ND		0.14	0.16	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,2,4-Trichlorobenzene	ND		0.23	31	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,2,4-Trimethylbenzene	**1.3**		0.14	0.41	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,2-Dibromoethane	ND		0.20	0.63	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,2-Dichlorobenzene	ND		0.15	0.50	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,2-Dichloroethane	ND		0.086	0.33	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,2-Dichloropropane	ND		0.13	0.38	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,2-Dichlorotetrafluoroethane	ND		0.17	0.58	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,3,5-Trimethylbenzene	ND		0.062	0.41	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,3-Butadiene	ND		0.045	0.55	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,3-Dichlorobenzene	ND		0.14	0.50	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* 1,3-Dichloropropane	ND		0.064	0.38	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,4-Dichlorobenzene	ND		0.12	0.50	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
1,4-Dioxane	ND		0.31	1.5	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* ^2,2,4-Trimethylpentane	**0.96**		0.084	0.19	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
2-Butanone	ND		0.21	12	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* 2-Hexanone	ND		0.18	0.68	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
3-Chloropropene	ND		0.11	1.3	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
4-Methyl-2-pentanone	ND		0.15	0.34	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Acetone	**76**		1.9	18	1.55	ug/m³	EPA TO-15	11/17/25 8:00	11/19/25 11:12	YR
* ^Acrolein	ND		0.12	0.19	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Acrylonitrile	ND		1.7	9.0	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Benzene	**0.87**		0.079	0.26	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Benzyl chloride	ND		0.12	11	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Bromodichloromethane	ND		0.17	0.55	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Bromoform	ND		0.36	0.85	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Bromomethane	ND		0.14	0.32	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Carbon disulfide	ND		0.066	0.26	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Carbon tetrachloride	ND		0.11	0.13	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Chlorobenzene	ND		0.15	0.38	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Chloroethane	ND		0.12	0.22	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Chloroform	**2.1**		0.10	0.40	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Chloromethane	ND		0.048	0.17	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
cis-1,2-Dichloroethylene	ND		0.084	0.16	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
cis-1,3-Dichloropropylene	ND		0.15	0.37	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Cyclohexane	ND		0.080	0.28	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**25K0961-01**
Client Project:	24030007 32-20 38th Ave Queens NY	**Date Received:**	11/13/2025
Client Sample ID:	WC3210-IndoorAir1	**Collection Date/Time:**	11/13/25 15:06

Lab ID:	**25K0961-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dibromochloromethane	ND		0.29	0.70	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Dichlorodifluoromethane	**2.8**		0.13	0.41	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* Ethyl acetate	**36**		0.084	15	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Ethyl Benzene	**0.90**		0.12	0.36	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Hexachlorobutadiene	ND		0.34	0.88	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Isopropanol	**9.8**		0.16	1.2	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Isopropylbenzene	ND		0.062	0.41	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Methyl Methacrylate	ND		0.21	0.34	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Methyl tert-butyl ether (MTBE)	ND		0.091	0.30	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Methylene chloride	ND		0.096	1.7	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* ^Naphthalene	ND		0.30	4.3	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* n-Butylbenzene	ND		0.14	0.45	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
n-Heptane	ND		0.12	0.34	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
n-Hexane	**4.9**		0.091	0.29	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* n-Propylbenzene	ND		0.088	0.41	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
o-Xylene	**1.2**		0.13	0.36	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
p- & m- Xylenes	**3.3**		0.18	0.72	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* p-Ethyltoluene	**1.2**		0.14	0.41	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* p-Isopropyltoluene	**0.50**		0.082	0.45	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* Propylene	ND		0.068	0.14	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* sec-Butylbenzene	ND		0.12	0.45	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Styrene	ND		0.11	0.35	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* tert-Butylbenzene	ND		0.17	0.45	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Tetrachloroethylene	**3.0**		0.13	0.56	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
* Tetrahydrofuran	**2.5**		0.082	0.49	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Toluene	**8.5**		0.096	0.31	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
trans-1,2-Dichloroethylene	ND		0.059	0.33	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
trans-1,3-Dichloropropylene	ND		0.15	0.37	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Trichloroethylene	ND		0.068	0.11	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Trichlorofluoromethane (Freon 11)	**1.5**		0.14	0.46	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Vinyl acetate	ND		0.15	0.29	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Vinyl bromide	ND		0.089	0.36	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Vinyl Chloride	ND		0.084	0.11	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR
Xylenes, Total	**4.5**		0.30	1.1	0.826	ug/m³	EPA TO-15	11/17/25 8:00	11/18/25 20:55	YR

Client:	Vektor Consultants	**Sample ID:**	**25K0961-02**
Client Project:	24030007 32-20 38th Ave Queens NY	**Date Received:**	11/13/2025
Client Sample ID:	WC3210-SS1	**Collection Date/Time:**	11/13/25 15:06

Lab ID:	**25K0961-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**25K0961-02**
Client Project:	24030007 32-20 38th Ave Queens NY	**Date Received:**	11/13/2025
Client Sample ID:	WC3210-SS1	**Collection Date/Time:**	11/13/25 15:06

Lab ID:	**25K0961-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		2.7	11	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,1,1-Trichloroethane	**21000**		43	120	227.459	ug/m³	EPA TO-15	11/18/25 8:00	11/20/25 22:21	YR
1,1,2,2-Tetrachloroethane	ND		3.1	11	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		4.4	12	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,1,2-Trichloroethane	ND		3.1	8.7	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,1-Dichloroethane	ND		2.6	6.4	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,1-Dichloroethylene	ND		2.7	3.1	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,2,4-Trichlorobenzene	ND		4.5	590	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,2,4-Trimethylbenzene	ND		2.6	7.8	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,2-Dibromoethane	ND		3.8	12	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,2-Dichlorobenzene	ND		2.9	9.5	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,2-Dichloroethane	ND		1.7	6.4	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,2-Dichloropropane	ND		2.5	7.3	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,2-Dichlorotetrafluoroethane	ND		3.3	11	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,3,5-Trimethylbenzene	ND		1.2	7.8	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,3-Butadiene	ND		0.87	11	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,3-Dichlorobenzene	ND		2.7	9.5	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* 1,3-Dichloropropane	ND		1.2	7.3	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,4-Dichlorobenzene	ND		2.3	9.5	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
1,4-Dioxane	ND		6.0	29	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* ^2,2,4-Trimethylpentane	**8.2**		1.6	3.7	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
2-Butanone	ND		4.0	230	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* 2-Hexanone	**29**		3.5	13	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
3-Chloropropene	ND		2.1	25	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
4-Methyl-2-pentanone	ND		2.9	6.5	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Acetone	ND		20	190	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* ^Acrolein	ND		2.3	3.6	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Acrylonitrile	ND		33	170	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Benzene	**16**		1.5	5.1	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Benzyl chloride	ND		2.3	210	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Bromodichloromethane	ND		3.2	11	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Bromoform	ND		6.9	16	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Bromomethane	ND		2.7	6.2	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Carbon disulfide	ND		1.3	4.9	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Carbon tetrachloride	ND		2.2	2.5	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Chlorobenzene	ND		2.8	7.3	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Chloroethane	ND		2.4	4.2	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Chloroform	**120**		2.0	7.7	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Chloromethane	ND		0.93	3.3	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
cis-1,2-Dichloroethylene	ND		1.6	3.1	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
cis-1,3-Dichloropropylene	ND		2.8	7.2	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Cyclohexane	ND		1.5	5.5	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Dibromochloromethane	ND		5.5	14	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**25K0961-02**
Client Project:	24030007 32-20 38th Ave Queens NY	**Date Received:**	11/13/2025
Client Sample ID:	WC3210-SS1	**Collection Date/Time:**	11/13/25 15:06

Lab ID:	**25K0961-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	ND		2.4	7.8	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* Ethyl acetate	ND		1.6	290	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Ethyl Benzene	ND		2.3	6.9	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Hexachlorobutadiene	ND		6.5	17	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Isopropanol	ND		3.2	23	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Isopropylbenzene	ND		1.2	7.8	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Methyl Methacrylate	ND		4.0	6.5	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Methyl tert-butyl ether (MTBE)	ND		1.8	5.7	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Methylene chloride	ND		1.9	33	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* ^Naphthalene	ND		5.7	83	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* n-Butylbenzene	ND		2.6	8.7	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
n-Heptane	ND		2.3	6.5	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
n-Hexane	ND		1.8	5.6	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* n-Propylbenzene	ND		1.7	7.8	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
o-Xylene	**11**		2.4	6.9	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
p- & m- Xylenes	ND		3.5	14	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* p-Ethyltoluene	ND		2.7	7.8	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* p-Isopropyltoluene	ND		1.6	8.7	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* Propylene	ND		1.3	2.7	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* sec-Butylbenzene	ND		2.2	8.7	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Styrene	ND		2.1	6.8	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* tert-Butylbenzene	ND		3.3	8.7	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Tetrachloroethylene	**59**		2.6	11	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
* Tetrahydrofuran	ND		1.6	9.4	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Toluene	**12**		1.8	6.0	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
trans-1,2-Dichloroethylene	ND		1.1	6.3	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
trans-1,3-Dichloropropylene	ND		2.9	7.2	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Trichloroethylene	ND		1.3	2.1	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Trichlorofluoromethane (Freon 11)	ND		2.7	8.9	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Vinyl acetate	ND		2.8	5.6	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Vinyl bromide	ND		1.7	6.9	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Vinyl Chloride	ND		1.6	2.0	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR
Xylenes, Total	**21**		5.7	21	15.87	ug/m³	EPA TO-15	11/18/25 8:00	11/19/25 11:55	YR

Client:	Vektor Consultants	**Sample ID:**	**25K0961-03**
Client Project:	24030007 32-20 38th Ave Queens NY	**Date Received:**	11/13/2025
Client Sample ID:	WC3210-SV1	**Collection Date/Time:**	11/13/25 15:03

Lab ID:	**25K0961-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**25K0961-03**
Client Project:	24030007 32-20 38th Ave Queens NY	**Date Received:**	11/13/2025
Client Sample ID:	WC3210-SV1	**Collection Date/Time:**	11/13/25 15:03

Lab ID:	**25K0961-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.24	0.98	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,1,1-Trichloroethane	ND		0.27	0.78	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,1,2,2-Tetrachloroethane	ND		0.28	0.98	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**1.6**		0.40	1.1	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,1,2-Trichloroethane	ND		0.28	0.78	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,1-Dichloroethane	ND		0.23	0.58	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,1-Dichloroethylene	ND		0.25	0.28	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,2,4-Trichlorobenzene	ND		0.40	53	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,2,4-Trimethylbenzene	**3.2**		0.24	0.70	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,2-Dibromoethane	ND		0.34	1.1	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,2-Dichlorobenzene	ND		0.26	0.86	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,2-Dichloroethane	ND		0.15	0.58	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,2-Dichloropropane	ND		0.22	0.66	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,2-Dichlorotetrafluoroethane	ND		0.30	1.0	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,3,5-Trimethylbenzene	**1.5**		0.11	0.70	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,3-Butadiene	ND		0.078	0.95	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,3-Dichlorobenzene	ND		0.24	0.86	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* 1,3-Dichloropropane	ND		0.11	0.66	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,4-Dichlorobenzene	ND		0.20	0.86	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
1,4-Dioxane	ND		0.54	2.6	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* ^2,2,4-Trimethylpentane	**1.0**		0.14	0.33	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
2-Butanone	**28**		0.36	21	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* 2-Hexanone	**12**		0.32	1.2	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
3-Chloropropene	ND		0.19	2.2	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
4-Methyl-2-pentanone	**4.2**		0.26	0.58	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Acetone	**88**		1.8	17	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* ^Acrolein	ND		0.20	0.33	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Acrylonitrile	ND		3.0	15	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Benzene	**0.50**		0.14	0.46	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Benzyl chloride	ND		0.21	18	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Bromodichloromethane	ND		0.29	0.96	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Bromoform	ND		0.62	1.5	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Bromomethane	ND		0.24	0.55	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Carbon disulfide	**0.71**		0.11	0.44	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Carbon tetrachloride	ND		0.19	0.22	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Chlorobenzene	ND		0.25	0.66	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Chloroethane	ND		0.21	0.38	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Chloroform	ND		0.18	0.70	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Chloromethane	ND		0.083	0.29	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
cis-1,2-Dichloroethylene	ND		0.15	0.28	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
cis-1,3-Dichloropropylene	ND		0.26	0.65	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Cyclohexane	ND		0.14	0.49	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Dibromochloromethane	ND		0.49	1.2	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**25K0961-03**
Client Project:	24030007 32-20 38th Ave Queens NY	**Date Received:**	11/13/2025
Client Sample ID:	WC3210-SV1	**Collection Date/Time:**	11/13/25 15:03

Lab ID:	**25K0961-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	**6.3**		0.22	0.71	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* Ethyl acetate	**49**		0.15	26	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Ethyl Benzene	**1.9**		0.21	0.62	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Hexachlorobutadiene	ND		0.58	1.5	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Isopropanol	**4.3**		0.28	2.1	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Isopropylbenzene	**0.98**		0.11	0.70	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Methyl Methacrylate	ND		0.36	0.58	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Methyl tert-butyl ether (MTBE)	ND		0.16	0.51	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Methylene chloride	ND		0.17	3.0	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* ^Naphthalene	ND		0.52	7.5	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* n-Butylbenzene	ND		0.23	0.78	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
n-Heptane	ND		0.20	0.58	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
n-Hexane	ND		0.16	0.50	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* n-Propylbenzene	**1.8**		0.15	0.70	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
o-Xylene	**2.9**		0.22	0.62	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
p- & m- Xylenes	**7.2**		0.32	1.2	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* p-Ethyltoluene	**6.0**		0.25	0.70	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* p-Isopropyltoluene	ND		0.14	0.78	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* Propylene	ND		0.12	0.25	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* sec-Butylbenzene	**0.78**		0.20	0.78	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Styrene	ND		0.19	0.61	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* tert-Butylbenzene	ND		0.30	0.78	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Tetrachloroethylene	**12**		0.23	0.97	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
* Tetrahydrofuran	ND		0.14	0.84	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Toluene	**4.7**		0.17	0.54	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
trans-1,2-Dichloroethylene	ND		0.10	0.57	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
trans-1,3-Dichloropropylene	ND		0.26	0.65	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Trichloroethylene	ND		0.12	0.19	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Trichlorofluoromethane (Freon 11)	**36**		0.25	0.80	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Vinyl acetate	ND		0.25	0.50	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Vinyl bromide	ND		0.15	0.62	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Vinyl Chloride	ND		0.15	0.18	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR
Xylenes, Total	**10**		0.51	1.9	1.427	ug/m³	EPA TO-15	11/19/25 8:00	11/20/25 13:58	YR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

TO-15

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method TO-15 Volatiles Data
for ALS Environmental, SDG: 25K0961

3 Soil Vapor/Air Samples
Collected November 13, 2025

Prepared by: Donald Anné
April 6, 2026

Holding Times: Samples were analyzed within recommended USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010), as required.

The %RSDs for benzyl chloride and bromoform were above the allowable maximum (30%) for AIR4 on 11-06-25. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for methyl methacrylate was above the allowable maximum (30%) on 11-20-25 (TQQ000903.D). Positive results for methyl methacrylate should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The percent recoveries (%Rs) for target compounds were within QC limits for air/vapor samples BK51315-BS1 and BK51323-BS1.

The %R for methyl methacrylate was above QC limits for air/vapor sample BK51389-BS1. Positive results for methyl methacrylate should be considered estimated, biased high (J+) in associated air/vapor samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Compound ID: Checked compounds were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Canister Pressure: The laboratory reported "received" pressure for samples below zero (residual vacuum), as required.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	25K0961
Client:	Vektor Consultants	Project:	24030007 32-20 38th Ave Queens NY
Matrix:	Air		
Batch:	BK51389	Laboratory ID:	BK51389-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.	Q
1,1,1,2-Tetrachloroethane	10.0	10.9	109	70 - 130	
1,1,1-Trichloroethane	10.0	9.70	97.0	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	10.0	100	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.1	101	70 - 130	
1,1,2-Trichloroethane	10.0	10.5	105	70 - 130	
1,1-Dichloroethane	10.0	9.21	92.1	70 - 130	
1,1-Dichloroethylene	10.0	9.49	94.9	70 - 130	
1,2,4-Trichlorobenzene	10.0	8.67	86.7	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.69	96.9	70 - 130	
1,2-Dibromoethane	10.0	10.5	105	70 - 130	
1,2-Dichlorobenzene	10.0	9.01	90.1	70 - 130	
1,2-Dichloroethane	10.0	9.52	95.2	70 - 130	
1,2-Dichloropropane	10.0	11.0	110	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	11.0	110	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.80	98.0	70 - 130	
1,3-Butadiene	10.0	10.6	106	70 - 130	
1,3-Dichlorobenzene	10.0	9.46	94.6	70 - 130	
1,3-Dichloropropane	10.0	10.8	108	70 - 130	
1,4-Dichlorobenzene	10.0	9.15	91.5	70 - 130	
1,4-Dioxane	10.0	10.2	102	70 - 130	
2,2,4-Trimethylpentane	10.0	9.36	93.6	70 - 130	
2-Butanone	10.0	8.87	88.7	70 - 130	
2-Hexanone	10.0	11.1	111	70 - 130	
3-Chloropropene	10.0	10.1	101	70 - 130	
4-Methyl-2-pentanone	10.0	11.1	111	70 - 130	
Acetone	10.0	11.4	114	70 - 130	
Acrolein	10.0	9.88	98.8	70 - 130	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	25K0961
Client:	Vektor Consultants	Project:	24030007 32-20 38th Ave Queens NY
Matrix:	Air		
Batch:	BK51389	Laboratory ID:	BK51389-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.	Q
Acrylonitrile	10.0	9.85	98.5	70 - 130	
Benzene	10.0	8.55	85.5	70 - 130	
Benzyl chloride	10.0	8.44	84.4	70 - 130	
Bromodichloromethane	10.0	11.8	118	70 - 130	
Bromoform	10.0	11.7	117	70 - 130	
Bromomethane	10.0	10.5	105	70 - 130	
Carbon disulfide	10.0	9.67	96.7	70 - 130	
Carbon tetrachloride	10.0	10.2	102	70 - 130	
Chlorobenzene	10.0	10.0	100	70 - 130	
Chloroethane	10.0	10.4	104	70 - 130	
Chloroform	10.0	9.61	96.1	70 - 130	
Chloromethane	10.0	10.5	105	70 - 130	
cis-1,2-Dichloroethylene	10.0	9.37	93.7	70 - 130	
cis-1,3-Dichloropropylene	10.0	11.7	117	70 - 130	
Cyclohexane	10.0	8.71	87.1	70 - 130	
Dibromochloromethane	10.0	11.4	114	70 - 130	
Dichlorodifluoromethane	10.0	10.4	104	70 - 130	
Ethyl acetate	10.0	9.97	99.7	70 - 130	
Ethyl Benzene	10.0	10.3	103	70 - 130	
Hexachlorobutadiene	10.0	9.15	91.5	70 - 130	
Isopropanol	10.0	10.0	100	70 - 130	
Isopropylbenzene	10.0	9.96	99.6	70 - 130	
Methyl Methacrylate	10.0	13.4	134 *	70 - 130	
Methyl tert-butyl ether (MTBE)	10.0	9.67	96.7	70 - 130	
Methylene chloride	10.0	9.93	99.3	70 - 130	
Naphthalene	10.0	8.69	86.9	70 - 130	
n-Butylbenzene	10.0	9.87	98.7	70 - 130	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	25K0961
Client:	Vektor Consultants	Project:	24030007 32-20 38th Ave Queens NY
Matrix:	Air		
Batch:	BK51389	Laboratory ID:	BK51389-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.	Q
n-Heptane	10.0	11.2	112	70 - 130	
n-Hexane	10.0	9.53	95.3	70 - 130	
n-Propylbenzene	10.0	10.2	102	70 - 130	
o-Xylene	10.0	10.4	104	70 - 130	
p- & m- Xylenes	20.0	20.8	104	70 - 130	
p-Ethyltoluene	10.0	9.95	99.5	70 - 130	
p-Isopropyltoluene	10.0	9.49	94.9	70 - 130	
Propylene	10.0	9.84	98.4	70 - 130	
sec-Butylbenzene	10.0	9.56	95.6	70 - 130	
Styrene	10.0	10.1	101	70 - 130	
tert-Butylbenzene	10.0	9.75	97.5	70 - 130	
Tetrachloroethylene	10.0	10.6	106	70 - 130	
Tetrahydrofuran	10.0	9.36	93.6	70 - 130	
Toluene	10.0	10.2	102	70 - 130	
trans-1,2-Dichloroethylene	10.0	9.42	94.2	70 - 130	
trans-1,3-Dichloropropylene	10.0	12.4	124	70 - 130	
Trichloroethylene	10.0	10.0	100	70 - 130	
Trichlorofluoromethane (Freon 11)	10.0	10.2	102	70 - 130	
Vinyl acetate	10.0	12.5	125	70 - 130	
Vinyl bromide	10.0	11.2	112	70 - 130	
Vinyl Chloride	10.0	10.4	104	70 - 130	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA TO-15

Laboratory: ALS Environmental - Stratford

Client: Vektor Consultants

Calibration: SK50015

SDG: 25K0961

Project: 24030007 32-20 38th Ave Queens NY

Instrument: AIR 4

Calibration Date: 11/06/25 18:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.4679857	12.48295	5.419625	3.504078E-02			30	
1,1,1-Trichloroethane	2.161962	9.837063	2.5965	3.765529E-02			30	
1,1,2,2-Tetrachloroethane	0.9788083	3.310796	6.147	1.585759E-02			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.871934	18.84399	1.79325	7.134674E-02			30	
1,1,2-Trichloroethane	0.3912253	4.159717	4.3375	3.891942E-02			30	
1,1-Dichloroethane	1.602376	17.88284	2.039875	6.638942E-02			30	
1,1-Dichloroethylene	1.440045	19.80083	1.76275	7.349808E-02			30	
1,2,4-Trichlorobenzene	1.215303	21.4046	8.373143	2.605159E-02			30	
1,2,4-Trimethylbenzene	1.891495	10.15666	6.9405	3.809477E-02			30	
1,2-Dibromoethane	0.6326396	4.814055	4.822	2.349841E-02			30	
1,2-Dichlorobenzene	1	9.355953	7.306375	3.392834E-02			30	
1,2-Dichloroethane	1.503892	16.67737	2.632125	5.227196E-02			30	
1,2-Dichloropropane	0.3056445	3.530598	3.253	8.632018E-02			30	
1,2-Dichlorotetrafluoroethane	2.16523	15.05195	1.4785	7.489228E-02			30	
1,3,5-Trimethylbenzene	1.797902	6.363233	6.708625	2.509327E-02			30	
1,3-Butadiene	0.4556524	17.94433	1.512625	0.1058158			30	
1,3-Dichlorobenzene	1.007112	8.749623	7.052125	3.547408E-02			30	
1,3-Dichloropropane	0.6252026	2.914861	4.535625	3.707847E-02			30	
1,4-Dichlorobenzene	1.065223	10.2665	7.109375	4.253155E-02			30	
1,4-Dioxane	0.2209981	3.462288	3.40075	0.6760936			30	
2,2,4-Trimethylpentane	3.384643	16.19472	3.075222	0.0386802			30	
2-Butanone	0.490032	22.591	2.1625	0.2021409			30	
2-Hexanone	0.581632	3.4775	4.618625	0.2955126			30	
3-Chloropropene	0.7667683	14.42192	1.821375	5.838319E-02			30	
4-Methyl-2-pentanone	0.5778451	4.540664	3.892125	0.3739224			30	
Acetone	0.3173738	13.48905	1.6766	8.811217E-02			30	
Acrolein	0.289364	15.90035	1.6605	0.1255232			30	
Acrylonitrile	0.5316457	15.88676	1.782125	0.0747428			30	
Benzene	2.625454	17.993	2.766875	5.161729E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 25K0961
Client: Vektor Consultants
Project: 24030007 32-20 38th Ave Queens NY
Calibration: SK50015
Instrument: AIR 4
Calibration Date: 11/06/25 18:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Benzyl chloride	1.160718	38.75666	7.1216	2.450055E-02			30	*
Bromodichloromethane	0.7842835	5.548529	3.363	5.027095E-02			30	
Bromoform	0.6424696	32.84709	5.841625	2.654744E-02			30	*
Bromomethane	0.7658349	19.12275	1.55725	6.473384E-02			30	
Carbon disulfide	2.500293	16.83033	1.842125	7.498496E-02			30	
Carbon tetrachloride	1.927047	10.5608	2.7725	7.349166E-02			30	
Chlorobenzene	0.9575736	2.938528	5.37125	3.234792E-02			30	
Chloroethane	0.3831762	18.75325	1.576625	0.1015757			30	
Chloroform	2.331472	17.29646	2.3325	7.974807E-02			30	
Chloromethane	0.6234741	14.93242	1.477	6.334735E-02			30	
cis-1,2-Dichloroethylene	1.269996	16.81841	2.250889	7.921326E-02			30	
cis-1,3-Dichloropropylene	0.521112	14.27838	3.87425	2.941423E-02			30	
Cyclohexane	1.10956	17.68611	2.762875	5.929976E-02			30	
Dibromochloromethane	0.6561185	16.57422	4.667875	2.811411E-02			30	
Dichlorodifluoromethane	2.414245	15.37591	1.452875	6.719309E-02			30	
Ethanol	0.2483432	42.25813	1.5895	0.1459271			30	*
Ethyl acetate	1.479742	13.61432	2.30925	0.1889676			30	
Ethyl Benzene	1.789816	5.324698	5.56675	0.0395305			30	
Hexachlorobutadiene	1.351835	27.94064	8.61825	0.0333252			30	
Isopropanol	1.202925	26.69662	1.69075	0.2908677			30	
Isopropylbenzene	2.041543	5.789035	6.279	4.163288E-02			30	
Methyl Methacrylate	0.2988334	18.16535	3.47225	8.845451E-02			30	
Methyl tert-butyl ether (MTBE)	2.811375	14.79866	1.986875	0.3257272			30	
Methylene chloride	0.8021536	17.51539	1.8185	0.1127728			30	
Naphthalene	2.566297	18.38822	8.431857	1.174919E-02			30	
n-Butylbenzene	2.28957	13.39629	7.46075	0.0281404			30	
n-Heptane	1.096573	16.97874	3.2545	6.576871E-02			30	
n-Hexane	1.273591	14.82908	2.16275	0.1153798			30	
n-Propylbenzene	2.480292	4.440958	6.57075	2.686472E-02			30	
o-Xylene	1.442178	3.194765	5.937375	3.661032E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 25K0961
Client: Vektor Consultants
Project: 24030007 32-20 38th Ave Queens NY
Calibration: SK50015
Instrument: AIR 4
Calibration Date: 11/06/25 18:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
p- & m- Xylenes	1.433625	2.71774	5.66375	4.971599E-02			30	
p-Ethyltoluene	2.052728	5.791855	6.66025	3.423488E-02			30	
p-Isopropyltoluene	2.161414	11.14803	7.20475	3.361463E-02			30	
Propylene	0.3394818	15.26733	1.44525	0.087604			30	
sec-Butylbenzene	2.619956	8.552413	7.093	4.793284E-02			30	
Styrene	0.9709805	4.087539	5.911375	3.662099E-02			30	
tert-Butylbenzene	1.833692	9.084722	6.935875	2.760686E-02			30	
Tetrachloroethylene	0.5317234	5.461617	4.875	3.212275E-02			30	
Tetrahydrofuran	0.6996386	16.66913	2.432375	0.3821593			30	
Toluene	1.16543	4.002332	4.2665	2.477725E-02			30	
trans-1,2-Dichloroethylene	1.317847	18.6375	1.95725	6.541776E-02			30	
trans-1,3-Dichloropropylene	0.4710325	27.32464	4.256875	4.709684E-02			30	
Trichloroethylene	0.3721588	6.660264	3.2619	0.0637927			30	
Trichlorofluoromethane (Freon 11)	2.917021	16.79021	1.65775	7.191156E-02			30	
Vinyl acetate	1.17689	8.859202	2.06625	0.1047408			30	
Vinyl bromide	0.7416281	15.28685	1.619125	8.471031E-02			30	
Vinyl Chloride	0.6738653	17.29277	1.501333	0.1166366			30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	25K0961
Client:	Vektor Consultants	Project:	24030007 32-20 38th Ave Queens NY
Instrument ID:	AIR 4	Calibration:	SK50015
Lab File ID:	TQQ000903.D	Calibration Date:	11/06/25 18:13
Sequence:	S5K2125	Injection Date:	11/20/25
Lab Sample ID:	S5K2125-CCV1	Injection Time:	10:25

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	10.0	11.3	0.4679857	0.5278299		12.8	30	
1,1,1-Trichloroethane	A	10.0	9.28	2.161962	2.005352		-7.2	30	
1,1,2,2-Tetrachloroethane	A	10.0	10.4	0.9788083	1.020514		4.3	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.82	1.871934	1.837393		-1.8	30	
1,1,2-Trichloroethane	A	10.0	10.1	0.3912253	0.395091		1.0	30	
1,1-Dichloroethane	A	10.0	9.51	1.602376	1.523508		-4.9	30	
1,1-Dichloroethylene	A	10.0	9.57	1.440045	1.397041		-3.0	30	
1,2,4-Trichlorobenzene	A	10.0	8.88	1.215303	1.079623		-11.2	30	
1,2,4-Trimethylbenzene	A	10.0	10.0	1.891495	1.892492		0.05	30	
1,2-Dibromoethane	A	10.0	10.2	0.6326396	0.6462437		2.2	30	
1,2-Dichlorobenzene	A	10.0	9.43	1	0.943043		-5.7	30	
1,2-Dichloroethane	A	10.0	9.73	1.503892	1.463268		-2.7	30	
1,2-Dichloropropane	A	10.0	10.6	0.3056445	0.3248808		6.3	30	
1,2-Dichlorotetrafluoroethane	A	10.0	10.9	2.16523	2.36151		9.1	30	
1,3,5-Trimethylbenzene	A	10.0	10.1	1.797902	1.809693		0.7	30	
1,3-Butadiene	A	10.0	10.3	0.4556524	0.4696985		3.1	30	
1,3-Dichlorobenzene	A	10.0	9.63	1.007112	0.9703205		-3.7	30	
1,3-Dichloropropane	A	10.0	10.4	0.6252026	0.6518127		4.3	30	
1,4-Dichlorobenzene	A	10.0	9.39	1.065223	0.9991724		-6.2	30	
1,4-Dioxane	A	10.0	9.72	0.2209981	0.2167186		-1.9	30	
2,2,4-Trimethylpentane	A	10.0	8.68	3.384643	2.941217		-13.1	30	
2-Butanone	A	10.0	8.98	0.490032	0.4401709		-10.2	30	
2-Hexanone	A	10.0	10.8	0.581632	0.6264307		7.7	30	
3-Chloropropene	A	10.0	9.83	0.7667683	0.7538165		-1.7	30	
4-Methyl-2-pentanone	A	10.0	10.8	0.5778451	0.6233315		7.9	30	
Acetone	A	10.0	11.1	0.3173738	0.3530376		11.2	30	
Acrolein	A	10.0	9.84	0.289364	0.2855261		-1.3	30	
Acrylonitrile	A	10.0	9.85	0.5316457	0.5227838		-1.7	30	
Benzene	A	10.0	8.42	2.625454	2.20992		-15.8	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	25K0961
Client:	Vektor Consultants	Project:	24030007 32-20 38th Ave Queens NY
Instrument ID:	AIR 4	Calibration:	SK50015
Lab File ID:	TQQ000903.D	Calibration Date:	11/06/25 18:13
Sequence:	S5K2125	Injection Date:	11/20/25
Lab Sample ID:	S5K2125-CCV1	Injection Time:	10:25

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Benzyl chloride	A	10.0	8.92	1.160718	1.047129		-9.8	30	
Bromodichloromethane	A	10.0	11.1	0.7842835	0.8723465		11.2	30	
Bromoform	A	10.0	12.4	0.6424696	0.7975979		24.1	30	
Bromomethane	A	10.0	10.5	0.7658349	0.8059714		5.2	30	
Carbon disulfide	A	10.0	9.78	2.500293	2.445984		-2.2	30	
Carbon tetrachloride	A	10.0	10.0	1.927047	1.926387		-0.03	30	
Chlorobenzene	A	10.0	10.2	0.9575736	0.9817149		2.5	30	
Chloroethane	A	10.0	9.71	0.3831762	0.3720831		-2.9	30	
Chloroform	A	10.0	9.58	2.331472	2.232992		-4.2	30	
Chloromethane	A	10.0	10.4	0.6234741	0.6479094		3.9	30	
cis-1,2-Dichloroethylene	A	10.0	9.24	1.269996	1.173674		-7.6	30	
cis-1,3-Dichloropropylene	A	10.0	11.2	0.521112	0.5857047		12.4	30	
Cyclohexane	A	10.0	8.70	1.10956	0.9654167		-13.0	30	
Dibromochloromethane	A	10.0	11.2	0.6561185	0.7316562		11.5	30	
Dichlorodifluoromethane	A	10.0	10.3	2.414245	2.481663		2.8	30	
Ethyl acetate	A	10.0	10.4	1.479742	1.481605		0.1	30	
Ethyl Benzene	A	10.0	10.6	1.789816	1.888981		5.5	30	
Hexachlorobutadiene	A	10.0	9.28	1.351835	1.143813		-15.4	30	
Isopropanol	A	10.0	9.86	1.202925	1.186173		-1.4	30	
Isopropylbenzene	A	10.0	10.2	2.041543	2.08077		1.9	30	
Methyl Methacrylate	A	10.0	13.2	0.2988334	0.3943093		31.9	30 *	
Methyl tert-butyl ether (MTBE)	A	10.0	9.49	2.811375	2.668346		-5.1	30	
Methylene chloride	A	10.0	9.86	0.8021536	0.7911664		-1.4	30	
Naphthalene	A	10.0	9.01	2.566297	2.312836		-9.9	30	
n-Butylbenzene	A	10.0	9.95	2.28957	2.27883		-0.5	30	
n-Heptane	A	10.0	10.9	1.096573	1.001243		-8.7	30	
n-Hexane	A	10.0	9.61	1.273591	1.222041		-4.0	30	
n-Propylbenzene	A	10.0	10.6	2.480292	2.631277		6.1	30	
o-Xylene	A	10.0	10.6	1.442178	1.536391		6.5	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	25K0961
Client:	Vektor Consultants	Project:	24030007 32-20 38th Ave Queens NY
Instrument ID:	AIR 4	Calibration:	SK50015
Lab File ID:	TQQ000903.D	Calibration Date:	11/06/25 18:13
Sequence:	S5K2125	Injection Date:	11/20/25
Lab Sample ID:	S5K2125-CCV1	Injection Time:	10:25

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
p- & m- Xylenes	A	20.0	21.4	1.433625	1.532453		6.9	30	
p-Ethyltoluene	A	10.0	10.2	2.052728	2.097619		2.2	30	
p-Isopropyltoluene	A	10.0	9.58	2.161414	2.071427		-4.2	30	
Propylene	A	10.0	9.51	0.3394818	0.3229007		-4.9	30	
sec-Butylbenzene	A	10.0	9.87	2.619956	2.586504		-1.3	30	
Styrene	A	10.0	10.4	0.9709805	1.008504		3.9	30	
tert-Butylbenzene	A	10.0	9.93	1.833692	1.819975		-0.7	30	
Tetrachloroethylene	A	10.0	9.69	0.5317234	0.5154945		-3.1	30	
Tetrahydrofuran	A	10.0	9.43	0.6996386	0.6563576		-6.2	30	
Toluene	A	10.0	9.87	1.16543	1.150694		-1.3	30	
trans-1,2-Dichloroethylene	A	10.0	9.51	1.317847	1.253306		-4.9	30	
trans-1,3-Dichloropropylene	A	10.0	11.8	0.4710325	0.5577147		18.4	30	
Trichloroethylene	A	10.0	9.53	0.3721588	0.3534346		-5.0	30	
Trichlorofluoromethane (Freon 11)	A	10.0	10.1	2.917021	2.937223		0.7	30	
Vinyl acetate	A	10.0	12.2	1.17689	1.433542		21.8	30	
Vinyl bromide	A	10.0	10.7	0.7416281	0.7964198		7.4	30	
Vinyl Chloride	A	10.0	10.3	0.6738653	0.6948109		3.1	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

26B0520

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
ALS Environmental, SDG: 26B0520

4 Soil Vapor/Air Samples and 1 Field Duplicate
Collected February 11, 2026

Prepared by: Donald Anné
April 6, 2026

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 4 soil vapor/air samples and 1 field duplicate analyzed for TO15 volatiles.

The overall performances of the analyses are acceptable. ALS Environmental did fulfill the requirements of the analytical method.

The data are mostly acceptable with some issues that are identified in the accompanying data validation review. The following data were qualified:

- The "not detected" volatile results for carbon tetrachloride and vinyl acetate were qualified as "estimated" (UJ) for all 4 soil vapor/air samples and 1 field duplicate because percent recoveries for carbon tetrachloride and vinyl acetate were below QC limits, but not below 25% in the associated soil vapor/air LCS.

- The positive volatile results for o-xylene were qualified as estimated (J) for samples 26SV-3 and DUP because the relative percent difference for o-xylene was above the allowable maximum for the vapor/air field duplicate pair 26SV-3/DUP.

All data are considered usable with estimated (UJ or J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

c:\users\andrea\validation\alpha\32-10 38th ave-26604\pdf\26b0520.dus.docx

Qualified Data Section

Client:	Vektor Consultants	**Sample ID:**	**26B0520-01**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26SS-1	**Collection Date/Time:**	2/11/26 17:50

Lab ID:	**26B0520-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.30	0.97	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,1,1-Trichloroethane	**83**		0.27	0.77	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,1,2,2-Tetrachloroethane	ND		0.27	0.97	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.39	1.1	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,1,2-Trichloroethane	ND		0.27	0.77	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,1-Dichloroethane	ND		0.23	0.57	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,1-Dichloroethylene	**0.90**		0.24	0.28	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,2,4-Trichlorobenzene	ND	CAL-E	0.40	53	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,2,4-Trimethylbenzene	**1.4**		0.23	0.70	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,2-Dibromoethane	ND		0.34	1.1	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,2-Dichlorobenzene	ND		0.26	0.85	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,2-Dichloroethane	ND		0.26	0.57	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,2-Dichloropropane	ND		0.22	0.65	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,2-Dichlorotetrafluoroethane	ND		0.50	0.99	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,3,5-Trimethylbenzene	ND		0.11	0.70	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,3-Butadiene	ND		0.097	0.94	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,3-Dichlorobenzene	ND		0.24	0.85	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* 1,3-Dichloropropane	ND		0.20	0.65	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,4-Dichlorobenzene	ND		0.20	0.85	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
1,4-Dioxane	ND		0.53	2.5	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* ^2,2,4-Trimethylpentane	ND		0.33	0.33	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
2-Butanone	ND		0.71	21	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* 2-Hexanone	**1.3**		0.31	1.2	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
3-Chloropropene	ND		0.19	2.2	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
4-Methyl-2-pentanone	ND		0.26	0.58	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Acetone	**110**		3.5	34	2.83	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 03:33	YR
* ^Acrolein	ND		0.20	0.32	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Acrylonitrile	ND		2.9	15	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Benzene	**1.3**		0.16	0.45	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Benzyl chloride	ND	CAL-E	0.23	18	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Bromodichloromethane	ND		0.28	0.95	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Bromoform	ND		0.62	1.5	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Bromomethane	ND		0.24	0.55	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Carbon disulfide	ND		0.11	0.44	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Carbon tetrachloride	ND UJ	TO-CCV, TO-LCS-L	0.27	0.27	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Chlorobenzene	ND		0.25	0.65	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Chloroethane	ND		0.21	0.37	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Chloroform	ND		0.19	0.69	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Chloromethane	**1.1**		0.21	0.29	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
cis-1,2-Dichloroethylene	ND		0.14	0.28	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
cis-1,3-Dichloropropylene	ND		0.25	0.64	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Cyclohexane	ND		0.34	0.49	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0520-01**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26SS-1	**Collection Date/Time:**	2/11/26 17:50

Lab ID:	**26B0520-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dibromochloromethane	ND		0.49	1.2	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Dichlorodifluoromethane	**2.8**		0.39	0.70	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* Ethyl acetate	ND		0.31	25	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Ethyl Benzene	**1.7**		0.21	0.61	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Hexachlorobutadiene	ND		0.58	1.5	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Isopropanol	**3.8**		0.083	2.1	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Isopropylbenzene	ND		0.13	0.70	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Methyl Methacrylate	ND		0.36	0.58	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Methyl tert-butyl ether (MTBE)	ND		0.16	0.51	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Methylene chloride	ND		0.17	2.9	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* ^Naphthalene	ND		0.51	7.4	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* n-Butylbenzene	ND		0.23	0.78	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
n-Heptane	**2.8**		0.22	0.58	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
n-Hexane	**3.2**		0.16	0.50	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* n-Propylbenzene	ND		0.18	0.70	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
o-Xylene	**2.3**		0.22	0.61	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
p- & m- Xylenes	**7.1**		0.32	1.2	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* p-Ethyltoluene	ND		0.24	0.70	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* p-Isopropyltoluene	ND		0.14	0.78	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* Propylene	ND		0.14	0.24	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* sec-Butylbenzene	ND		0.20	0.78	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Styrene	ND		0.19	0.60	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* tert-Butylbenzene	ND		0.30	0.78	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Tetrachloroethylene	**9.2**		0.23	0.96	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
* Tetrahydrofuran	ND		0.14	0.83	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Toluene	**5.4**		0.21	0.53	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
trans-1,2-Dichloroethylene	ND		0.13	0.56	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
trans-1,3-Dichloropropylene	ND		0.26	0.64	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Trichloroethylene	ND		0.23	0.23	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Trichlorofluoromethane (Freon 11)	**2.5**		0.29	0.80	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Vinyl acetate	ND UJ	TO-CCV, TO-LCS-L	0.25	0.50	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Vinyl bromide	ND		0.22	0.62	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Vinyl Chloride	ND		0.14	0.18	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR
Xylenes, Total	**9.4**		0.51	1.8	1.415	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 02:48	YR

Client:	Vektor Consultants	**Sample ID:**	**26B0520-02**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26SV-2	**Collection Date/Time:**	2/11/26 17:53

Lab ID:	**26B0520-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0520-02**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26SV-2	**Collection Date/Time:**	2/11/26 17:53

Lab ID:	**26B0520-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.33	1.0	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,1,1-Trichloroethane	ND		0.29	0.83	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,1,2,2-Tetrachloroethane	ND		0.30	1.0	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.43	1.2	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,1,2-Trichloroethane	ND		0.30	0.83	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,1-Dichloroethane	ND		0.25	0.62	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,1-Dichloroethylene	ND		0.26	0.30	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,2,4-Trichlorobenzene	ND	CAL-E	0.43	57	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,2,4-Trimethylbenzene	ND		0.25	0.75	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,2-Dibromoethane	ND		0.37	1.2	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,2-Dichlorobenzene	ND		0.28	0.92	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,2-Dichloroethane	ND		0.28	0.62	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,2-Dichloropropane	ND		0.24	0.71	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,2-Dichlorotetrafluoroethane	ND		0.55	1.1	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,3,5-Trimethylbenzene	ND		0.12	0.75	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,3-Butadiene	ND		0.10	1.0	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,3-Dichlorobenzene	ND		0.26	0.92	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* 1,3-Dichloropropane	ND		0.22	0.71	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,4-Dichlorobenzene	ND		0.22	0.92	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
1,4-Dioxane	ND		0.58	2.8	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* ^2,2,4-Trimethylpentane	ND		0.36	0.36	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
2-Butanone	ND		0.77	23	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* 2-Hexanone	ND		0.34	1.3	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
3-Chloropropene	ND		0.20	2.4	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
4-Methyl-2-pentanone	ND		0.28	0.63	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Acetone	**38**		1.9	18	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* ^Acrolein	ND		0.22	0.35	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Acrylonitrile	ND		3.2	17	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Benzene	**1.1**		0.18	0.49	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Benzyl chloride	ND	CAL-E	0.25	20	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Bromodichloromethane	ND		0.31	1.0	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Bromoform	ND		0.67	1.6	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Bromomethane	ND		0.26	0.59	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Carbon disulfide	ND		0.12	0.48	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Carbon tetrachloride	ND UJ	TO-CCV, TO-LCS-L	0.29	0.29	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Chlorobenzene	ND		0.27	0.70	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Chloroethane	ND		0.23	0.40	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Chloroform	**8.4**		0.21	0.75	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Chloromethane	**1.4**		0.22	0.32	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
cis-1,2-Dichloroethylene	ND		0.16	0.30	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
cis-1,3-Dichloropropylene	ND		0.27	0.69	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Cyclohexane	ND		0.37	0.53	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0520-02**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26SV-2	**Collection Date/Time:**	2/11/26 17:53

Lab ID:	**26B0520-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dibromochloromethane	ND		0.53	1.3	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Dichlorodifluoromethane	**2.3**		0.42	0.76	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* Ethyl acetate	ND		0.33	28	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Ethyl Benzene	ND		0.22	0.66	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Hexachlorobutadiene	ND		0.62	1.6	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Isopropanol	**6.7**		0.090	2.3	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Isopropylbenzene	ND		0.14	0.75	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Methyl Methacrylate	ND		0.39	0.63	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Methyl tert-butyl ether (MTBE)	ND		0.17	0.55	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Methylene chloride	ND		0.18	3.2	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* ^Naphthalene	ND		0.55	8.0	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* n-Butylbenzene	ND		0.25	0.84	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
n-Heptane	**1.1**		0.24	0.63	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
n-Hexane	**1.5**		0.17	0.54	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* n-Propylbenzene	ND		0.20	0.75	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
o-Xylene	ND		0.23	0.66	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
p- & m- Xylenes	**1.9**		0.34	1.3	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* p-Ethyltoluene	ND		0.26	0.75	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* p-Isopropyltoluene	ND		0.15	0.84	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* Propylene	ND		0.15	0.26	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* sec-Butylbenzene	ND		0.22	0.84	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Styrene	ND		0.20	0.65	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* tert-Butylbenzene	ND		0.32	0.84	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Tetrachloroethylene	**1.7**		0.25	1.0	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
* Tetrahydrofuran	ND		0.15	0.90	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Toluene	**2.9**		0.23	0.58	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
trans-1,2-Dichloroethylene	ND		0.15	0.61	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
trans-1,3-Dichloropropylene	ND		0.28	0.69	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Trichloroethylene	ND		0.25	0.25	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Trichlorofluoromethane (Freon 11)	**2.1**		0.31	0.86	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Vinyl acetate	ND UJ	TO-CCV, TO-LCS-L	0.27	0.54	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Vinyl bromide	ND		0.23	0.67	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Vinyl Chloride	ND		0.16	0.20	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR
Xylenes, Total	ND		0.55	2.0	1.529	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 04:19	YR

Client:	Vektor Consultants	**Sample ID:**	**26B0520-03**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26OA-1	**Collection Date/Time:**	2/11/26 17:57

Lab ID:	**26B0520-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Outdoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0520-03**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26OA-1	**Collection Date/Time:**	2/11/26 17:57

Lab ID:	**26B0520-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Outdoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.16	0.52	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,1,1-Trichloroethane	ND		0.15	0.41	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,1,2,2-Tetrachloroethane	ND		0.15	0.52	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.21	0.58	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,1,2-Trichloroethane	ND		0.15	0.41	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,1-Dichloroethane	ND		0.12	0.31	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,1-Dichloroethylene	ND		0.13	0.15	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,2,4-Trichlorobenzene	ND	CAL-E	0.22	28	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,2,4-Trimethylbenzene	ND		0.13	0.37	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,2-Dibromoethane	ND		0.18	0.58	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,2-Dichlorobenzene	ND		0.14	0.46	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,2-Dichloroethane	ND		0.14	0.31	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,2-Dichloropropane	ND		0.12	0.35	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,2-Dichlorotetrafluoroethane	ND		0.27	0.53	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,3,5-Trimethylbenzene	ND		0.057	0.37	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,3-Butadiene	ND		0.052	0.50	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,3-Dichlorobenzene	ND		0.13	0.46	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* 1,3-Dichloropropane	ND		0.11	0.35	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,4-Dichlorobenzene	ND		0.11	0.46	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
1,4-Dioxane	ND		0.29	1.4	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* ^2,2,4-Trimethylpentane	**0.50**		0.18	0.18	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
2-Butanone	ND		0.38	11	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* 2-Hexanone	ND		0.17	0.62	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
3-Chloropropene	ND		0.10	1.2	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
4-Methyl-2-pentanone	**0.44**		0.14	0.31	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Acetone	**11**		0.94	9.0	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* ^Acrolein	**0.28**		0.11	0.17	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Acrylonitrile	ND		1.6	8.2	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Benzene	**0.75**		0.087	0.24	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Benzyl chloride	ND	CAL-E	0.12	9.8	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Bromodichloromethane	ND		0.15	0.51	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Bromoform	ND		0.33	0.79	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Bromomethane	ND		0.13	0.30	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Carbon disulfide	ND		0.061	0.24	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Carbon tetrachloride	ND UJ	TO-CCV, TO-LCS-L	0.14	0.14	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Chlorobenzene	ND		0.13	0.35	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Chloroethane	ND		0.11	0.20	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Chloroform	ND		0.10	0.37	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Chloromethane	**1.3**		0.11	0.16	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
cis-1,2-Dichloroethylene	ND		0.077	0.15	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
cis-1,3-Dichloropropylene	ND		0.14	0.34	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Cyclohexane	ND		0.18	0.26	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0520-03**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26OA-1	**Collection Date/Time:**	2/11/26 17:57

Lab ID:	**26B0520-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Outdoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dibromochloromethane	ND		0.26	0.65	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Dichlorodifluoromethane	**2.0**		0.21	0.38	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* Ethyl acetate	ND		0.16	14	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Ethyl Benzene	**0.36**		0.11	0.33	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Hexachlorobutadiene	ND		0.31	0.81	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Isopropanol	**2.8**		0.045	1.1	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Isopropylbenzene	ND		0.067	0.37	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Methyl Methacrylate	ND		0.19	0.31	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Methyl tert-butyl ether (MTBE)	ND		0.084	0.27	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Methylene chloride	ND		0.089	1.6	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* ^Naphthalene	ND		0.27	4.0	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* n-Butylbenzene	ND		0.12	0.42	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
n-Heptane	ND		0.12	0.31	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
n-Hexane	**0.64**		0.084	0.27	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* n-Propylbenzene	ND		0.097	0.37	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
o-Xylene	**0.43**		0.12	0.33	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
p- & m- Xylenes	**1.2**		0.17	0.66	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* p-Ethyltoluene	ND		0.13	0.37	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* p-Isopropyltoluene	ND		0.076	0.42	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* Propylene	**0.84**		0.075	0.13	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* sec-Butylbenzene	ND		0.11	0.42	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Styrene	ND		0.099	0.32	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* tert-Butylbenzene	ND		0.16	0.42	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Tetrachloroethylene	**0.88**		0.12	0.52	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
* Tetrahydrofuran	ND		0.075	0.45	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Toluene	**2.6**		0.11	0.29	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
trans-1,2-Dichloroethylene	ND		0.072	0.30	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
trans-1,3-Dichloropropylene	ND		0.14	0.34	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Trichloroethylene	ND		0.12	0.12	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Trichlorofluoromethane (Freon 11)	**1.2**		0.15	0.43	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Vinyl acetate	ND UJ	TO-CCV, TO-LCS-L	0.13	0.27	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Vinyl bromide	ND		0.12	0.33	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Vinyl Chloride	ND		0.078	0.097	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR
Xylenes, Total	**1.6**		0.27	0.99	0.76	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:05	YR

Client:	Vektor Consultants	**Sample ID:**	**26B0520-04**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26SV-3	**Collection Date/Time:**	2/11/26 17:55

Lab ID:	**26B0520-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0520-04**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26SV-3	**Collection Date/Time:**	2/11/26 17:55

Lab ID:	**26B0520-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.30	0.97	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,1,1-Trichloroethane	ND		0.27	0.77	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,1,2,2-Tetrachloroethane	ND		0.27	0.97	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**3.5**		0.39	1.1	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,1,2-Trichloroethane	ND		0.27	0.77	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,1-Dichloroethane	ND		0.23	0.57	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,1-Dichloroethylene	ND		0.24	0.28	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,2,4-Trichlorobenzene	ND	CAL-E	0.40	52	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,2,4-Trimethylbenzene	**0.97**		0.23	0.69	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,2-Dibromoethane	ND		0.34	1.1	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,2-Dichlorobenzene	ND		0.26	0.85	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,2-Dichloroethane	ND		0.26	0.57	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,2-Dichloropropane	ND		0.22	0.65	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,2-Dichlorotetrafluoroethane	ND		0.50	0.99	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,3,5-Trimethylbenzene	ND		0.11	0.69	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,3-Butadiene	ND		0.097	0.94	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,3-Dichlorobenzene	ND		0.24	0.85	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* 1,3-Dichloropropane	ND		0.20	0.65	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,4-Dichlorobenzene	ND		0.20	0.85	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
1,4-Dioxane	ND		0.53	2.5	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* ^2,2,4-Trimethylpentane	ND		0.33	0.33	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
2-Butanone	ND		0.71	21	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* 2-Hexanone	ND		0.31	1.2	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
3-Chloropropene	ND		0.19	2.2	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
4-Methyl-2-pentanone	ND		0.26	0.58	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Acetone	ND		1.7	17	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* ^Acrolein	ND		0.20	0.32	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Acrylonitrile	ND		2.9	15	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Benzene	ND		0.16	0.45	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Benzyl chloride	ND	CAL-E	0.23	18	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Bromodichloromethane	ND		0.28	0.94	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Bromoform	ND		0.62	1.5	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Bromomethane	ND		0.24	0.55	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Carbon disulfide	ND		0.11	0.44	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Carbon tetrachloride	ND UJ	TO-CCV, TO-LCS-L	0.27	0.27	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Chlorobenzene	ND		0.25	0.65	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Chloroethane	ND		0.21	0.37	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Chloroform	ND		0.19	0.69	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Chloromethane	ND		0.21	0.29	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
cis-1,2-Dichloroethylene	ND		0.14	0.28	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
cis-1,3-Dichloropropylene	ND		0.25	0.64	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Cyclohexane	ND		0.34	0.49	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0520-04**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	26SV-3	**Collection Date/Time:**	2/11/26 17:55

Lab ID:	**26B0520-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dibromochloromethane	ND		0.49	1.2	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Dichlorodifluoromethane	**8.6**		0.39	0.70	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* Ethyl acetate	ND		0.30	25	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Ethyl Benzene	**0.67**		0.21	0.61	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Hexachlorobutadiene	ND		0.57	1.5	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Isopropanol	**3.0**		0.083	2.1	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Isopropylbenzene	ND		0.12	0.69	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Methyl Methacrylate	ND		0.36	0.58	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Methyl tert-butyl ether (MTBE)	ND		0.16	0.51	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Methylene chloride	ND		0.16	2.9	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* ^Naphthalene	ND		0.51	7.4	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* n-Butylbenzene	ND		0.23	0.77	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
n-Heptane	ND		0.22	0.58	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
n-Hexane	ND		0.16	0.50	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* n-Propylbenzene	ND		0.18	0.69	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
o-Xylene	**0.61** J		0.21	0.61	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
p- & m- Xylenes	**2.4**		0.31	1.2	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* p-Ethyltoluene	ND		0.24	0.69	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* p-Isopropyltoluene	ND		0.14	0.77	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* Propylene	ND		0.14	0.24	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* sec-Butylbenzene	ND		0.20	0.77	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Styrene	ND		0.18	0.60	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* tert-Butylbenzene	ND		0.30	0.77	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Tetrachloroethylene	**11**		0.23	0.96	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
* Tetrahydrofuran	ND		0.14	0.83	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Toluene	**0.69**		0.21	0.53	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
trans-1,2-Dichloroethylene	ND		0.13	0.56	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
trans-1,3-Dichloropropylene	ND		0.26	0.64	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Trichloroethylene	**3.9**		0.23	0.23	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Trichlorofluoromethane (Freon 11)	**110**		0.29	0.79	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Vinyl acetate	ND UJ	TO-CCV, TO-LCS-L	0.25	0.50	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Vinyl bromide	ND		0.22	0.62	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Vinyl Chloride	ND		0.14	0.18	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR
Xylenes, Total	**3.1**		0.51	1.8	1.41	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 05:50	YR

Client:	Vektor Consultants	**Sample ID:**	**26B0520-05**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	DUP	**Collection Date/Time:**	2/11/26 17:55

Lab ID:	**26B0520-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0520-05**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	DUP	**Collection Date/Time:**	2/11/26 17:55

Lab ID:	**26B0520-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.30	0.96	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,1,1-Trichloroethane	ND		0.27	0.76	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,1,2,2-Tetrachloroethane	ND		0.27	0.96	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**3.4**		0.39	1.1	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,1,2-Trichloroethane	ND		0.27	0.76	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,1-Dichloroethane	ND		0.23	0.57	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,1-Dichloroethylene	ND		0.24	0.28	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,2,4-Trichlorobenzene	ND	CAL-E	0.40	52	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,2,4-Trimethylbenzene	ND		0.23	0.69	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,2-Dibromoethane	ND		0.34	1.1	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,2-Dichlorobenzene	ND		0.26	0.84	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,2-Dichloroethane	ND		0.26	0.57	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,2-Dichloropropane	ND		0.22	0.65	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,2-Dichlorotetrafluoroethane	ND		0.50	0.98	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,3,5-Trimethylbenzene	ND		0.11	0.69	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,3-Butadiene	ND		0.096	0.93	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,3-Dichlorobenzene	ND		0.24	0.84	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* 1,3-Dichloropropane	ND		0.20	0.65	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,4-Dichlorobenzene	ND		0.20	0.84	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
1,4-Dioxane	ND		0.53	2.5	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* ^2,2,4-Trimethylpentane	ND		0.33	0.33	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
2-Butanone	ND		0.70	21	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* 2-Hexanone	ND		0.31	1.1	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
3-Chloropropene	ND		0.18	2.2	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
4-Methyl-2-pentanone	ND		0.25	0.57	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Acetone	ND		1.7	17	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* ^Acrolein	ND		0.20	0.32	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Acrylonitrile	ND		2.9	15	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Benzene	ND		0.16	0.45	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Benzyl chloride	ND	CAL-E	0.22	18	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Bromodichloromethane	ND		0.28	0.94	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Bromoform	ND		0.61	1.4	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Bromomethane	ND		0.24	0.54	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Carbon disulfide	ND		0.11	0.44	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Carbon tetrachloride	ND UJ	TO-CCV, TO-LCS-L	0.26	0.26	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Chlorobenzene	ND		0.25	0.64	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Chloroethane	ND		0.21	0.37	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Chloroform	ND		0.19	0.68	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Chloromethane	ND		0.20	0.29	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
cis-1,2-Dichloroethylene	ND		0.14	0.28	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
cis-1,3-Dichloropropylene	ND		0.25	0.63	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Cyclohexane	ND		0.34	0.48	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Vektor Consultants	**Sample ID:**	**26B0520-05**
Client Project:	32-10 38th Ave	**Date Received:**	02/12/2026
Client Sample ID:	DUP	**Collection Date/Time:**	2/11/26 17:55

Lab ID:	**26B0520-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dibromochloromethane	ND		0.48	1.2	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Dichlorodifluoromethane	**8.6**		0.39	0.69	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* Ethyl acetate	ND		0.30	25	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Ethyl Benzene	**0.67**		0.20	0.61	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Hexachlorobutadiene	ND		0.57	1.5	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Isopropanol	ND		0.082	2.1	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Isopropylbenzene	ND		0.12	0.69	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Methyl Methacrylate	ND		0.36	0.57	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Methyl tert-butyl ether (MTBE)	ND		0.15	0.50	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Methylene chloride	ND		0.16	2.9	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* ^Naphthalene	ND		0.50	7.3	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* n-Butylbenzene	ND		0.23	0.77	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
n-Heptane	ND		0.22	0.57	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
n-Hexane	ND		0.15	0.49	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* n-Propylbenzene	ND		0.18	0.69	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
o-Xylene	**0.79** J		0.21	0.61	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
p- & m- Xylenes	**2.5**		0.31	1.2	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* p-Ethyltoluene	ND		0.24	0.69	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* p-Isopropyltoluene	ND		0.14	0.77	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* Propylene	ND		0.14	0.24	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* sec-Butylbenzene	ND		0.20	0.77	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Styrene	ND		0.18	0.60	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* tert-Butylbenzene	ND		0.29	0.77	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Tetrachloroethylene	**9.2**		0.23	0.95	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
* Tetrahydrofuran	ND		0.14	0.82	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Toluene	**0.68**		0.21	0.53	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
trans-1,2-Dichloroethylene	ND		0.13	0.55	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
trans-1,3-Dichloropropylene	ND		0.25	0.63	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Trichloroethylene	**4.1**		0.23	0.23	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Trichlorofluoromethane (Freon 11)	**110**		0.28	0.78	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Vinyl acetate	ND UJ	TO-CCV, TO-LCS-L	0.25	0.49	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Vinyl bromide	ND		0.21	0.61	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Vinyl Chloride	ND		0.14	0.18	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR
Xylenes, Total	**3.3**		0.50	1.8	1.397	ug/m³	EPA TO-15	2/17/26 8:00	2/19/26 06:36	YR

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

TO-15

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method TO-15 Volatiles Data
for ALS Environmental, SDG: 26B0520

4 Soil Vapor/Air Samples and 1 Field Duplicate
Collected February 11, 2026

Prepared by: Donald Anné
April 6, 2026

Holding Times: Samples were analyzed within recommended USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010), as required.

The %RSDs for 1,2,4-trichlorobenzene and benzyl chloride were above the allowable maximum (30%) for TO15_AIR3 on 12-05-25. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 1,2,4-trichlorobenzene, carbon tetrachloride, naphthalene, and vinyl acetate were above the allowable maximum (30%) on 02-18-26 (TV035314.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The percent recoveries (%Rs) for 1,2,4-trichlorobenzene and naphthalene were above QC limits for air/vapor sample BB61000-BS1. Positive results for these compounds should be considered estimated, biased high (J+) in associated air/vapor samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

The %Rs for carbon tetrachloride and vinyl acetate were below QC limits, but not below 25% for air/vapor sample BB61000-BS1. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated air/vapor samples.

Field Duplicates: The relative percent difference for o-xylene was above the allowable maximum (25%) for vapor/air field duplicate pair 26SV-3/DUP (attached table). The positive results for o-xylene should be considered estimated (J) in samples 26SV-3 and DUP.

Compound ID: Checked compounds were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Canister Pressure: The laboratory reported "received" pressure for samples below zero (residual vacuum), as required.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26B0520
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Air		
Batch:	BB61000	Laboratory ID:	BB61000-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.	Q
1,1,1,2-Tetrachloroethane	10.0	7.77	77.7	70 - 130	
1,1,1-Trichloroethane	10.0	7.47	74.7	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	10.5	105	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.75	87.5	70 - 130	
1,1,2-Trichloroethane	10.0	9.81	98.1	70 - 130	
1,1-Dichloroethane	10.0	8.83	88.3	70 - 130	
1,1-Dichloroethylene	10.0	10.0	100	70 - 130	
1,2,4-Trichlorobenzene	10.0	13.8	138 *	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.27	92.7	70 - 130	
1,2-Dibromoethane	10.0	10.3	103	70 - 130	
1,2-Dichlorobenzene	10.0	10.5	105	70 - 130	
1,2-Dichloroethane	10.0	8.23	82.3	70 - 130	
1,2-Dichloropropane	10.0	10.5	105	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	8.64	86.4	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.15	91.5	70 - 130	
1,3-Butadiene	10.0	9.42	94.2	70 - 130	
1,3-Dichlorobenzene	10.0	10.8	108	70 - 130	
1,3-Dichloropropane	10.0	10.5	105	70 - 130	
1,4-Dichlorobenzene	10.0	11.5	115	70 - 130	
1,4-Dioxane	10.0	10.1	101	70 - 130	
2,2,4-Trimethylpentane	10.0	8.80	88.0	70 - 130	
2-Butanone	10.0	9.76	97.6	70 - 130	
2-Hexanone	10.0	12.5	125	70 - 130	
3-Chloropropene	10.0	8.44	84.4	70 - 130	
4-Methyl-2-pentanone	10.0	11.5	115	70 - 130	
Acetone	10.0	9.01	90.1	70 - 130	
Acrolein	10.0	9.37	93.7	70 - 130	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26B0520
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Air		
Batch:	BB61000	Laboratory ID:	BB61000-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.	Q
Acrylonitrile	10.0	8.76	87.6	70 - 130	
Benzene	10.0	8.63	86.3	70 - 130	
Benzyl chloride	10.0	11.8	118	70 - 130	
Bromodichloromethane	10.0	9.09	90.9	70 - 130	
Bromoform	10.0	7.25	72.5	70 - 130	
Bromomethane	10.0	9.13	91.3	70 - 130	
Carbon disulfide	10.0	8.99	89.9	70 - 130	
Carbon tetrachloride	10.0	4.13	41.3 *	70 - 130	
Chlorobenzene	10.0	9.56	95.6	70 - 130	
Chloroethane	10.0	9.11	91.1	70 - 130	
Chloroform	10.0	8.37	83.7	70 - 130	
Chloromethane	10.0	9.99	99.9	70 - 130	
cis-1,2-Dichloroethylene	10.0	8.48	84.8	70 - 130	
cis-1,3-Dichloropropylene	10.0	9.56	95.6	70 - 130	
Cyclohexane	10.0	8.86	88.6	70 - 130	
Dibromochloromethane	10.0	7.48	74.8	70 - 130	
Dichlorodifluoromethane	10.0	8.70	87.0	70 - 130	
Ethyl acetate	10.0	10.0	100	70 - 130	
Ethyl Benzene	10.0	9.49	94.9	70 - 130	
Hexachlorobutadiene	10.0	10.7	107	70 - 130	
Isopropanol	10.0	9.61	96.1	70 - 130	
Isopropylbenzene	10.0	9.31	93.1	70 - 130	
Methyl Methacrylate	10.0	10.5	105	70 - 130	
Methyl tert-butyl ether (MTBE)	10.0	8.33	83.3	70 - 130	
Methylene chloride	10.0	9.65	96.5	70 - 130	
Naphthalene	10.0	13.6	136 *	70 - 130	
n-Butylbenzene	10.0	10.6	106	70 - 130	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26B0520
Client:	Vektor Consultants	Project:	32-10 38th Ave
Matrix:	Air		
Batch:	BB61000	Laboratory ID:	BB61000-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #		QC LIMITS REC.	Q
n-Heptane	10.0	9.87	98.7		70 - 130	
n-Hexane	10.0	9.06	90.6		70 - 130	
n-Propylbenzene	10.0	9.78	97.8		70 - 130	
o-Xylene	10.0	9.23	92.3		70 - 130	
p- & m- Xylenes	20.0	18.5	92.4		70 - 130	
p-Ethyltoluene	10.0	9.53	95.3		70 - 130	
p-Isopropyltoluene	10.0	9.35	93.5		70 - 130	
Propylene	10.0	10.0	100		70 - 130	
sec-Butylbenzene	10.0	9.29	92.9		70 - 130	
Styrene	10.0	9.90	99.0		70 - 130	
tert-Butylbenzene	10.0	9.00	90.0		70 - 130	
Tetrachloroethylene	10.0	9.11	91.1		70 - 130	
Tetrahydrofuran	10.0	9.90	99.0		70 - 130	
Toluene	10.0	9.68	96.8		70 - 130	
trans-1,2-Dichloroethylene	10.0	8.81	88.1		70 - 130	
trans-1,3-Dichloropropylene	10.0	9.03	90.3		70 - 130	
Trichloroethylene	10.0	9.63	96.3		70 - 130	
Trichlorofluoromethane (Freon 11)	10.0	8.07	80.7		70 - 130	
Vinyl acetate	10.0	6.41	64.1	*	70 - 130	
Vinyl bromide	10.0	8.92	89.2		70 - 130	
Vinyl Chloride	10.0	9.30	93.0		70 - 130	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26B0520
Client: Vektor Consultants
Project: 32-10 38th Ave
Calibration: SL50019
Instrument: TO15_AIR3
Calibration Date: 12/05/25 16:22

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.5653081	2.126896	19.04663	0.0159776			30	
1,1,1-Trichloroethane	1.19175	4.023496	12.59512	0.0233556			30	
1,1,2,2-Tetrachloroethane	0.8845984	2.552809	20.86363	1.660989E-02			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.8714519	4.976758	8.345625	4.613669E-02			30	
1,1,2-Trichloroethane	0.357346	1.685277	16.89037	2.730312E-02			30	
1,1-Dichloroethane	1.017448	2.265423	10.58187	4.326943E-02			30	
1,1-Dichloroethylene	0.9642837	3.237149	8.574	3.951201E-02			30	
1,2,4-Trichlorobenzene	0.4110816	33.32452	27.0598	1.344498E-02			30	*
1,2,4-Trimethylbenzene	1.524341	5.744225	22.59963	7.884087E-03			30	
1,2-Dibromoethane	0.5425024	6.864267	18.1995	1.943408E-02			30	
1,2-Dichlorobenzene	0.8353294	20.07294	24.32	1.822379E-02			30	
1,2-Dichloroethane	0.8691031	2.632296	13.13175	3.108548E-02			30	
1,2-Dichloropropane	0.3968577	2.328126	14.52625	2.091861E-02			30	
1,2-Dichlorotetrafluoroethane	1.125896	8.454917	5.356375	1.765482E-02			30	
1,3,5-Trimethylbenzene	1.508624	2.834782	21.76362	1.901877E-02			30	
1,3-Butadiene	0.5288624	3.394644	5.936125	0.0235883			30	
1,3-Dichlorobenzene	0.8258866	22.97049	23.43025	1.848271E-02			30	
1,3-Dichloropropane	0.5417768	4.352547	17.316	1.974091E-02			30	
1,4-Dichlorobenzene	0.7862207	29.16271	23.6195	0.0136509			30	
1,4-Dioxane	0.1970401	1.277254	14.85437	7.334393E-02			30	
2,2,4-Trimethylpentane	3.284938	2.443562	12.9145	0.032317			30	
2-Butanone	1.509739	4.874108	11.19363	4.337442E-02			30	
2-Hexanone	0.9403804	7.348045	16.90038	1.880019E-02			30	
3-Chloropropene	0.9087415	1.737773	9.165625	2.497269E-02			30	
4-Methyl-2-pentanone	1.111532	4.60085	15.432	3.192194E-02			30	
Acetone	1.091783	10.83979	8.183286	3.286786E-02			30	
Acrolein	0.2944545	7.015853	8.0765	6.524995E-02			30	
Acrylonitrile	0.6195954	10.10004	9.398429	2.702686E-02			30	
Benzene	1.384757	3.065704	13.26362	3.127231E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26B0520
Client: Vektor Consultants
Project: 32-10 38th Ave
Calibration: SL50019
Instrument: TO15_AIR3
Calibration Date: 12/05/25 16:22

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Benzyl chloride	0.207913	37.5748	23.76663	2.428023E-02			30	*
Bromodichloromethane	0.7147675	1.461536	14.88737	3.948386E-02			30	
Bromoform	0.7518663	5.451702	20.61038	1.258885E-02			30	
Bromomethane	0.4023979	6.43052	6.729875	7.584656E-02			30	
Carbon disulfide	1.265369	4.000967	9.4495	0.0118642			30	
Carbon tetrachloride	1.208097	4.912816	13.0603	2.738877E-02			30	
Chlorobenzene	0.9393937	1.310782	18.99975	2.261195E-02			30	
Chloroethane	0.2815161	4.727539	6.8995	8.657383E-02			30	
Chloroform	1.064936	3.985133	11.85525	5.183374E-02			30	
Chloromethane	0.6251673	4.720067	5.581625	4.250905E-02			30	
cis-1,2-Dichloroethylene	0.8717435	7.364874	11.5811	2.920745E-02			30	
cis-1,3-Dichloropropylene	0.5230718	4.138579	15.78137	1.522407E-02			30	
Cyclohexane	1.122133	1.924672	12.7685	2.504219E-02			30	
Dibromochloromethane	0.7108834	4.845996	17.8255	9.760433E-03			30	
Dichlorodifluoromethane	1.285574	7.101078	5.08975	2.403145E-02			30	
Ethanol	0.4658595	77.40329	7.026875	7.652034E-02			30	*
Ethyl acetate	1.735286	1.612324	11.499	4.105815E-02			30	
Ethyl Benzene	1.652643	1.155766	19.10612	1.543241E-02			30	
Hexachlorobutadiene	0.8579495	12.89134	27.33429	4.00782E-03			30	
Isopropanol	1.381399	1.569308	7.967143	6.246568E-02			30	
Isopropylbenzene	1.841256	1.771721	20.68813	0.0143322			30	
Methyl Methacrylate	0.3316958	0.7690256	14.54087	1.287164E-02			30	
Methyl tert-butyl ether (MTBE)	1.395738	3.748891	9.726	0.113604			30	
Methylene chloride	0.8581368	4.074407	9.317625	2.431136E-02			30	
Naphthalene	1.18502	24.9004	27.4532	1.854527E-02			30	
n-Butylbenzene	1.603788	20.96219	24.06037	2.218581E-02			30	
n-Heptane	1.382305	2.653316	13.28037	3.106002E-02			30	
n-Hexane	1.034783	3.073243	10.21125	0.0324522			30	
n-Propylbenzene	2.190583	5.011264	21.45525	1.695467E-02			30	
o-Xylene	1.333381	1.831956	20.03363	1.094558E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26B0520
Client: Vektor Consultants
Project: 32-10 38th Ave
Calibration: SL50019
Instrument: TO15_AIR3
Calibration Date: 12/05/25 16:22

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
p- & m- Xylenes	1.286458	1.284386	19.2515	5.790823E-03			30	
p-Ethyltoluene	1.74703	7.483748	21.67775	3.836186E-03			30	
p-Isopropyltoluene	1.865437	8.175249	23.26063	1.648947E-02			30	
Propylene	0.4094219	5.779334	5.019375	1.468273E-02			30	
sec-Butylbenzene	2.260114	4.196754	22.99538	0.017918			30	
Styrene	0.9251963	6.019113	20.0535	1.856762E-02			30	
tert-Butylbenzene	1.694204	2.755932	22.526	6.472485E-03			30	
Tetrachloroethylene	0.5473934	2.439722	17.6305	1.505921E-02			30	
Tetrahydrofuran	0.8826145	2.941977	12.185	7.242844E-02			30	
Toluene	1.101737	1.025759	16.43588	2.524429E-02			30	
trans-1,2-Dichloroethylene	0.8746699	4.114861	9.92	3.807101E-02			30	
trans-1,3-Dichloropropylene	0.4963712	5.571163	16.59512	1.983346E-02			30	
Trichloroethylene	0.4134972	3.658995	14.2956	3.330919E-02			30	
Trichlorofluoromethane (Freon 11)	1.304183	4.912339	7.47725	0.0159262			30	
Vinyl acetate	1.497008	8.647675	10.53187	2.694243E-02			30	
Vinyl bromide	0.3904691	6.082313	7.35425	4.301549E-02			30	
Vinyl Chloride	0.5220472	5.872945	5.8561	6.559938E-02			30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26B0520
Client:	Vektor Consultants	Project:	32-10 38th Ave
Instrument ID:	TO15_AIR3	Calibration:	SL50019
Lab File ID:	TV035314.D	Calibration Date:	12/05/25 16:22
Sequence:	S6B1817	Injection Date:	02/18/26
Lab Sample ID:	S6B1817-CCV1	Injection Time:	11:38

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	10.0	7.72	0.5653081	0.4361598		-22.8	30	
1,1,1-Trichloroethane	A	10.0	7.35	1.19175	0.875391		-26.5	30	
1,1,2,2-Tetrachloroethane	A	10.0	10.3	0.8845984	0.9114453		3.0	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	8.43	0.8714519	0.7348902		-15.7	30	
1,1,2-Trichloroethane	A	10.0	9.73	0.357346	0.347525		-2.7	30	
1,1-Dichloroethane	A	10.0	8.55	1.017448	0.8703851		-14.5	30	
1,1-Dichloroethylene	A	10.0	9.71	0.9642837	0.9364629		-2.9	30	
1,2,4-Trichlorobenzene	A	10.0	13.6	0.4110816	0.5601363		36.3	30	*
1,2,4-Trimethylbenzene	A	10.0	9.22	1.524341	1.405634		-7.8	30	
1,2-Dibromoethane	A	10.0	10.0	0.5425024	0.5436692		0.2	30	
1,2-Dichlorobenzene	A	10.0	10.6	0.8353294	0.8865004		6.1	30	
1,2-Dichloroethane	A	10.0	8.01	0.8691031	0.695828		-19.9	30	
1,2-Dichloropropane	A	10.0	10.3	0.3968577	0.4079907		2.8	30	
1,2-Dichlorotetrafluoroethane	A	10.0	8.24	1.125896	0.9279088		-17.6	30	
1,3,5-Trimethylbenzene	A	10.0	9.10	1.508624	1.373448		-9.0	30	
1,3-Butadiene	A	10.0	9.10	0.5288624	0.4813239		-9.0	30	
1,3-Dichlorobenzene	A	10.0	10.9	0.8258866	0.9001348		9.0	30	
1,3-Dichloropropane	A	10.0	10.4	0.5417768	0.5632121		4.0	30	
1,4-Dichlorobenzene	A	10.0	11.5	0.7862207	0.9059354		15.2	30	
1,4-Dioxane	A	10.0	9.88	0.1970401	0.1947245		-1.2	30	
2,2,4-Trimethylpentane	A	10.0	8.56	3.284938	2.812029		-14.4	30	
2-Butanone	A	10.0	9.60	1.509739	1.449949		-4.0	30	
2-Hexanone	A	10.0	12.6	0.9403804	1.187322		26.3	30	
3-Chloropropene	A	10.0	8.27	0.9087415	0.7511439		-17.3	30	
4-Methyl-2-pentanone	A	10.0	11.6	1.111532	1.285504		15.7	30	
Acetone	A	10.0	8.92	1.091783	0.9733832		-10.8	30	
Acrolein	A	10.0	9.02	0.2944545	0.2656195		-9.8	30	
Acrylonitrile	A	10.0	8.44	0.6195954	0.5231142		-15.6	30	
Benzene	A	10.0	8.35	1.384757	1.156813		-16.5	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26B0520
Client:	Vektor Consultants	Project:	32-10 38th Ave
Instrument ID:	TO15_AIR3	Calibration:	SL50019
Lab File ID:	TV035314.D	Calibration Date:	12/05/25 16:22
Sequence:	S6B1817	Injection Date:	02/18/26
Lab Sample ID:	S6B1817-CCV1	Injection Time:	11:38

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Benzyl chloride	A	10.0	11.9	0.207913	0.2483037		19.4	30	
Bromodichloromethane	A	10.0	9.03	0.7147675	0.6453788		-9.7	30	
Bromoform	A	10.0	7.32	0.7518663	0.5502505		-26.8	30	
Bromomethane	A	10.0	8.68	0.4023979	0.3494127		-13.2	30	
Carbon disulfide	A	10.0	8.70	1.265369	1.101474		-13.0	30	
Carbon tetrachloride	A	10.0	4.14	1.208097	0.5002951		-58.6	30 *	
Chlorobenzene	A	10.0	9.46	0.9393937	0.8887467		-5.4	30	
Chloroethane	A	10.0	8.74	0.2815161	0.2461545		-12.6	30	
Chloroform	A	10.0	8.19	1.064936	0.8717624		-18.1	30	
Chloromethane	A	10.0	9.73	0.6251673	0.6084352		-2.7	30	
cis-1,2-Dichloroethylene	A	10.0	8.20	0.8717435	0.7151967		-18.0	30	
cis-1,3-Dichloropropylene	A	10.0	9.44	0.5230718	0.4939746		-5.6	30	
Cyclohexane	A	10.0	8.58	1.122133	0.9630611		-14.2	30	
Dibromochloromethane	A	10.0	7.50	0.7108834	0.5334292		-25.0	30	
Dichlorodifluoromethane	A	10.0	8.39	1.285574	1.079063		-16.1	30	
Ethyl acetate	A	10.0	9.87	1.735286	1.712269		-1.3	30	
Ethyl Benzene	A	10.0	9.38	1.652643	1.549488		-6.2	30	
Hexachlorobutadiene	A	10.0	10.1	0.8579495	0.8627627		0.6	30	
Isopropanol	A	10.0	9.38	1.381399	1.295799		-6.2	30	
Isopropylbenzene	A	10.0	9.20	1.841256	1.693172		-8.0	30	
Methyl Methacrylate	A	10.0	10.2	0.3316958	0.3377716		1.8	30	
Methyl tert-butyl ether (MTBE)	A	10.0	8.02	1.395738	1.118782		-19.8	30	
Methylene chloride	A	10.0	9.39	0.8581368	0.8060385		-6.1	30	
Naphthalene	A	10.0	13.2	1.18502	1.56608		32.2	30 *	
n-Butylbenzene	A	10.0	10.7	1.603788	1.722478		7.4	30	
n-Heptane	A	10.0	9.71	1.382305	1.342051		-2.9	30	
n-Hexane	A	10.0	8.74	1.034783	0.9041179		-12.6	30	
n-Propylbenzene	A	10.0	9.76	2.190583	2.137509		-2.4	30	
o-Xylene	A	10.0	9.16	1.333381	1.220721		-8.4	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26B0520
Client:	Vektor Consultants	Project:	32-10 38th Ave
Instrument ID:	TO15_AIR3	Calibration:	SL50019
Lab File ID:	TV035314.D	Calibration Date:	12/05/25 16:22
Sequence:	S6B1817	Injection Date:	02/18/26
Lab Sample ID:	S6B1817-CCV1	Injection Time:	11:38

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
p- & m- Xylenes	A	20.0	18.3	1.286458	1.177028		-8.5	30	
p-Ethyltoluene	A	10.0	9.52	1.74703	1.663843		-4.8	30	
p-Isopropyltoluene	A	10.0	9.41	1.865437	1.755791		-5.9	30	
Propylene	A	10.0	9.77	0.4094219	0.4001875		-2.3	30	
sec-Butylbenzene	A	10.0	9.30	2.260114	2.102911		-7.0	30	
Styrene	A	10.0	9.83	0.9251963	0.9093137		-1.7	30	
tert-Butylbenzene	A	10.0	8.98	1.694204	1.521167		-10.2	30	
Tetrachloroethylene	A	10.0	8.97	0.5473934	0.4907452		-10.3	30	
Tetrahydrofuran	A	10.0	9.78	0.8826145	0.8634236		-2.2	30	
Toluene	A	10.0	9.54	1.101737	1.051381		-4.6	30	
trans-1,2-Dichloroethylene	A	10.0	8.52	0.8746699	0.7450644		-14.8	30	
trans-1,3-Dichloropropylene	A	10.0	8.87	0.4963712	0.4400358		-11.3	30	
Trichloroethylene	A	10.0	9.47	0.4134972	0.391544		-5.3	30	
Trichlorofluoromethane (Freon 11)	A	10.0	7.82	1.304183	1.019412		-21.8	30	
Vinyl acetate	A	10.0	6.33	1.497008	0.9469197		-36.7	30 *	
Vinyl bromide	A	10.0	8.50	0.3904691	0.3317739		-15.0	30	
Vinyl Chloride	A	10.0	8.79	0.5220472	0.4588812		-12.1	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Field Duplicate Calculation Section

Volatiles TO-15

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 26B0520

S1= 26SV-3 **S2=** DUP

Analyte	S1	S2	RPD (%)	
Freon 113	3.5	3.4	3%	
1,2,4-Trimethylbenzene	0.97	ND	NC	
Dichlorodifluoromethane	8.6	8.6	0%	
Ethyl Benzene	0.67	0.67	0%	
Isopropanol	3	ND	NC	
o-Xylene	0.61	0.79	26%	*
p- & m- Xylenes	2.4	2.5	4%	
Tetrachloroethylene	11	9.2	18%	
Toluene	0.69	0.68	1%	
Trichloroethylene	3.9	4.1	5%	
Trichlorofluoromethane (Freon 11)	110	110	0%	
Xylenes, Total	3.1	3.3	6%	

* RPD is above the allowable maximum (25%).

All results are in ug/m3.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

APPENDIX J

SEFA CALCULATION SHEETS

Remedial Investigation (2025 and 2026) - Energy & Air Compiled Results

Category	Total Energy	GHG	NOx	SOx	PM	NOx + SOx + PM	HAPs
	MMbtus	lbs CO2e	lbs	lbs	lbs	lbs	lbs
On-site (Scope 1)	**12**	**1,976**	**9**	**0**	**1**	**10**	**0**
Grid Electricity Generation (Scope 2)	**0.000**	**0**	**0**	**0**	**0**	**0**	**0**
Transportation (Scope 3a)	**30**	**4,825**	**25**	**1**	**1**	**27**	**0**
Other Off-Site (Scope 3b)	**52**	**6,124**	**99**	**228**	**34**	**362**	**25**
Remedy Totals	**95**	**12,925**	**134**	**229**	**36**	**398**	**25**

Values that are forwarded to the "Summary" tab are indicated in orange.

Voluntary Renewable Energy Use	Unit	Quantity	
On-site renewable energy generation or use	MMBtu	**0**	
On-site biodiesel use	MMBtu	**0**	
Biodiesel and other renewable resource use for transportation	MMBtu	**0**	
On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	**0**	*(This value is the sum of the three rows above)*
Voluntary purchase of renewable electricity	MWh	**0**	
Voluntary purchase of RECs	MWh	**0**	

This worksheet is not intended for user input. Values on this worksheet are obtained from the following file: SEFA_calculations_(121718).xlsx

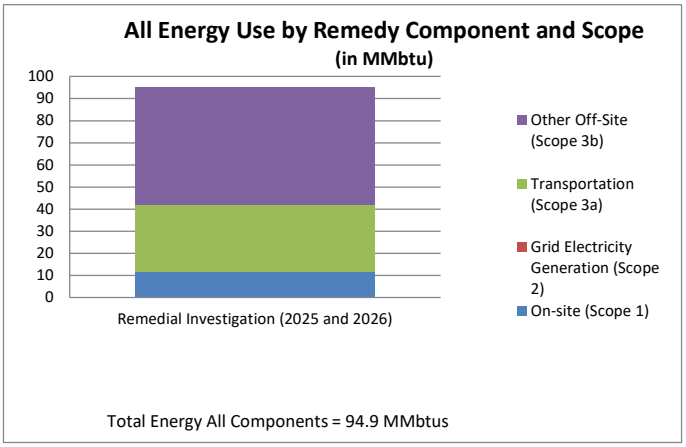
Environmental Footprint Summary

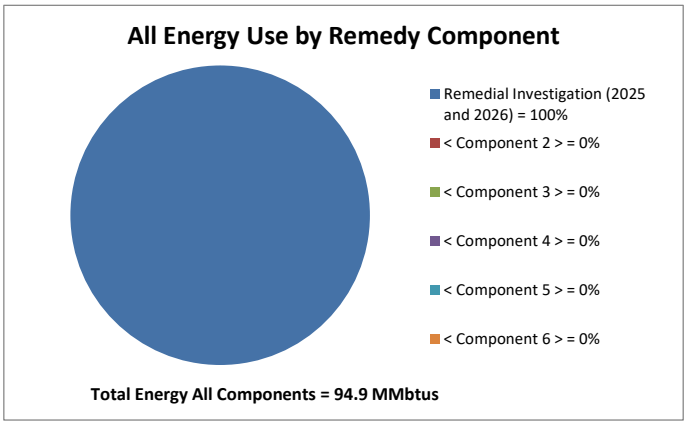
Core Element	Metric		Unit of Measure	Footprint						
				Remedial Investigation (2025 and 2026)	< Component 2 >	< Component 3 >	< Component 4 >	< Component 5 >	< Component 6 >	Total
Materials & Waste	M&W-1	Refined materials used on-site	Tons	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M&W-2	% of refined materials from recycled or reused material	%							
	M&W-3	Unrefined materials used on-site	Tons	0.797	0.000	0.000	0.000	0.000	0.000	0.8
	M&W-4	% of unrefined materials from recycled or reused material	%	0.0%						0.0%
	M&W-5	On-site hazardous waste disposed of off-site	Tons	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M&W-6	On-site non-hazardous waste disposed of off-site	Tons	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M&W-7	Recycled or reused waste	Tons	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M&W-8	% of total potential waste recycled or reused	%							
Water (used on-site)	W-1	Public water use	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-2	Groundwater use	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-3	Surface water use	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-4	Reclaimed water use	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-5	Storm water use	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-6	User-defined water resource #1	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-7	User-defined water resource #2	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-8	Wastewater generated	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Energy	E-1	Total energy used (on-site and off-site)	MMBtu	94.9	0.0	0.0	0.0	0.0	0.0	94.9
	E-2	Energy voluntarily derived from renewable resources								
	E-2A	On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	E-2B	Voluntary purchase of renewable electricity	MWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	E-3	Voluntary purchase of RECs	MWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	E-4	On-site grid electricity use	MWh	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Air	A-1	On-site NOx, SOx, and PM emissions	Pounds	9.8	0.0	0.0	0.0	0.0	0.0	9.8
	A-2	On-site HAP emissions	Pounds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	A-3	Total NOx, SOx, and PM emissions	Pounds	398.1	0.0	0.0	0.0	0.0	0.0	398.1
	A-3A	Total NOx emissions	Pounds	133.8	0.0	0.0	0.0	0.0	0.0	133.8
	A-3B	Total SOx emissions	Pounds	228.7	0.0	0.0	0.0	0.0	0.0	228.7
	A-3C	Total PM emissions	Pounds	35.7	0.0	0.0	0.0	0.0	0.0	35.7
	A-4	Total HAP emissions	Pounds	25.4	0.0	0.0	0.0	0.0	0.0	25.4
	A-5	Total greenhouse gas emissions	Tons CO2e*	6.5	0.0	0.0	0.0	0.0	0.0	6.5
Land & Ecosystems	Qualitative Description									

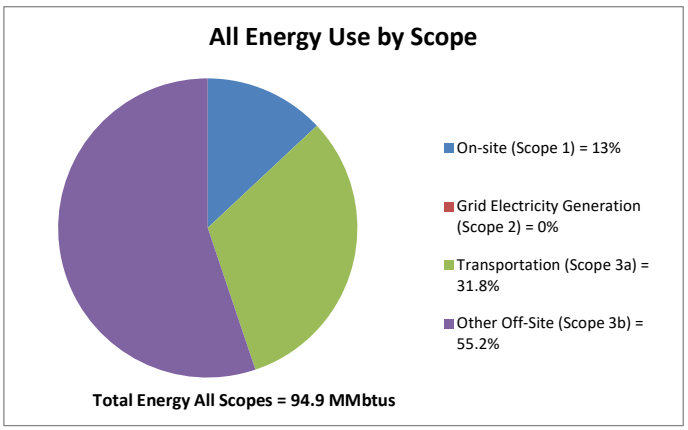
** Total greenhouse gases emissions (in CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.*
"MMBtu" = millions of Btus
"MG" = millions of gallons
"CO2e" = carbon dioxide equivalents of global warming potential
"MWh" = megawatt hours (i.e., thousands of kilowatt-hours or millions of Watt-hours)
"Tons" = short tons (2,000 pounds)

The above metrics are consistent with EPA's Methodology for Understanding and Reducing a Project's Environmental Footprint (EPA 542-R-12-002), February 2012

Notes:





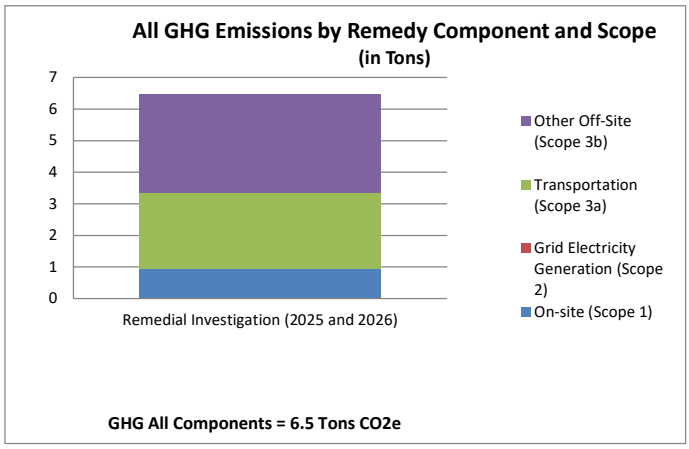


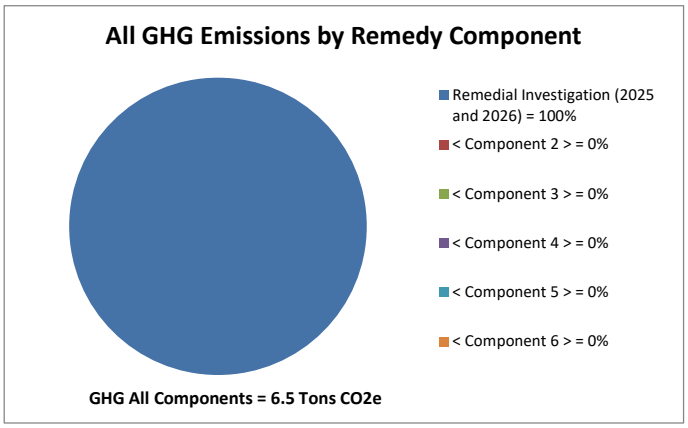
Total Energy MMbtus

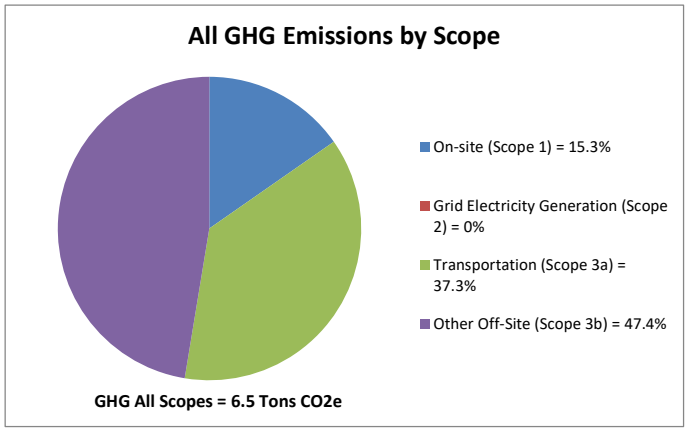
	Remedial I	< Compon	< Compon	< Compon	< Compon	< Compon	Total	
On-site (Scope 1)	12.3	0.0	0.0	0.0	0.0	0.0	12.3	
Generation (Scope 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	l Electricity
ısportation (Scope 3a)	30.2	0.0	0.0	0.0	0.0	0.0	30.2	Tran
ıer Off-Site (Scope 3b)	52.3	0.0	0.0	0.0	0.0	0.0	52.3	Oth
Total	94.9	0.0	0.0	0.0	0.0	0.0	94.9	

Remedial Investigation (2025 and 2026) = 1(On-site (Scope 1) = 13%
< Component 2 > = 0% Grid Electricity Generation (Scope 2) = 0%
< Component 3 > = 0% Transportation (Scope 3a) = 31.8%
< Component 4 > = 0% Other Off-Site (Scope 3b) = 55.2%
< Component 5 > = 0%
< Component 6 > = 0%

Total Energy All Components = 94.9 MMbtus
Total Energy All Scopes = 94.9 MMbtus





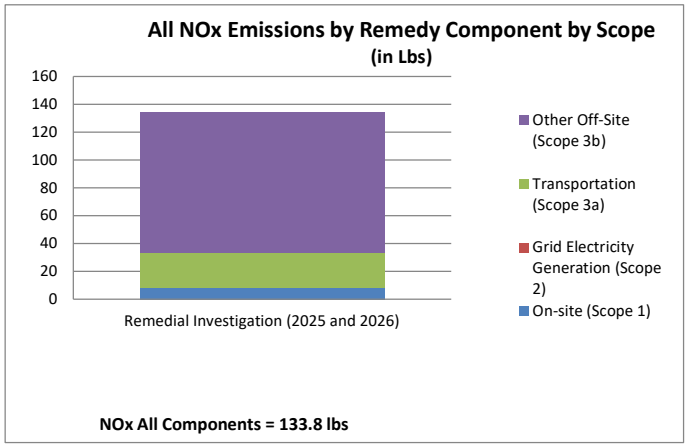


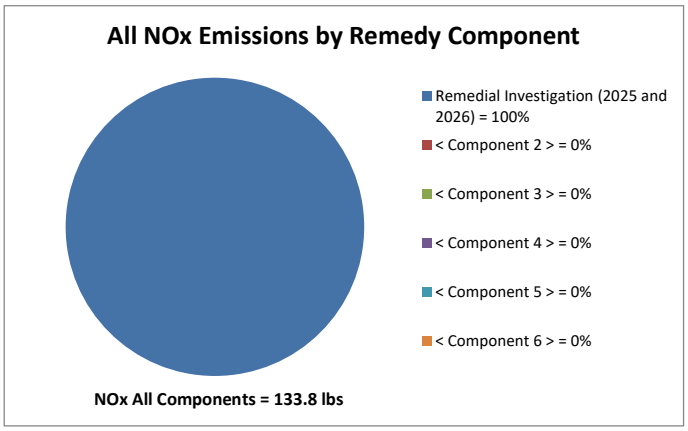
GHG
Tons CO2e

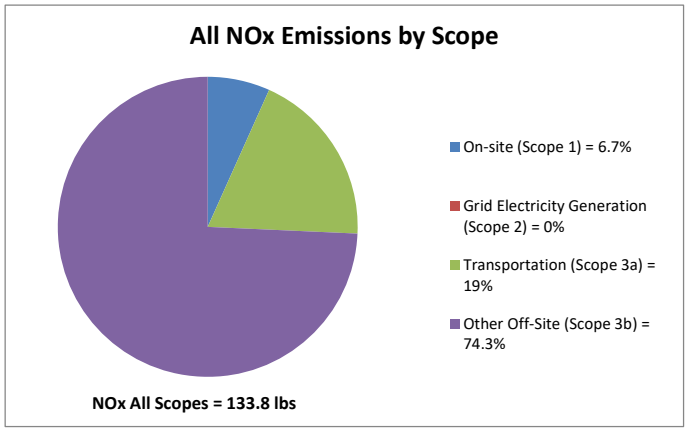
	Remedial I	< Compon	< Compon	< Compon	< Compon	< Compon	Total	
On-site (Scope 1)	1.0	0.0	0.0	0.0	0.0	0.0	1.0	
Generation (Scope 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Electricity
sportation (Scope 3a)	2.4	0.0	0.0	0.0	0.0	0.0	2.4	Tran
er Off-Site (Scope 3b)	3.1	0.0	0.0	0.0	0.0	0.0	3.1	Oth
Total	6.5	0.0	0.0	0.0	0.0	0.0	6.5	

Remedial Investigation (2025 and 2026) = 1(On-site (Scope 1) = 15.3%
< Component 2 > = 0% Grid Electricity Generation (Scope 2) = 0%
< Component 3 > = 0% Transportation (Scope 3a) = 37.3%
< Component 4 > = 0% Other Off-Site (Scope 3b) = 47.4%
< Component 5 > = 0%
< Component 6 > = 0%

GHG All Components = 6.5 Tons CO2e
GHG All Scopes = 6.5 Tons CO2e





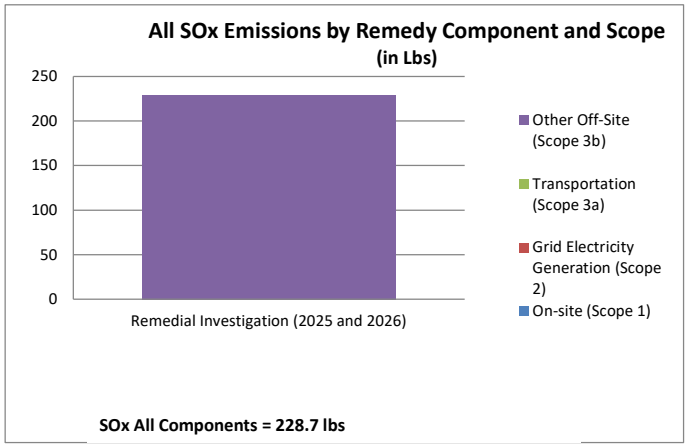


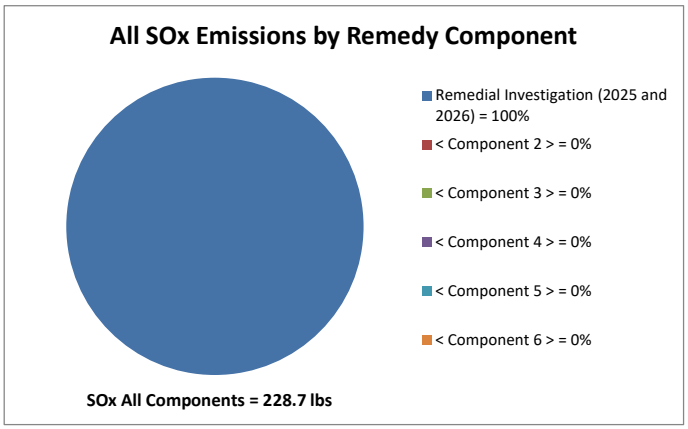
NOx
lbs

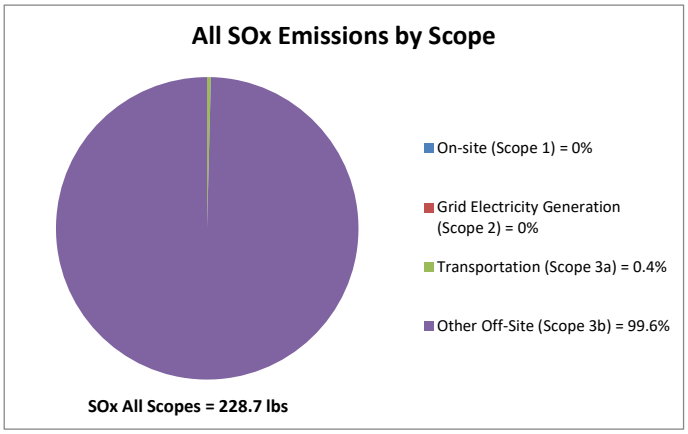
	Remedial I	< Compon	< Compon	< Compon	< Compon	< Compon	Total	
On-site (Scope 1)	9.0	0.0	0.0	0.0	0.0	0.0	9.0	
Generation (Scope 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Electricity
sportation (Scope 3a)	25.4	0.0	0.0	0.0	0.0	0.0	25.4	Tran
er Off-Site (Scope 3b)	99.4	0.0	0.0	0.0	0.0	0.0	99.4	Oth
Total	133.8	0.0	0.0	0.0	0.0	0.0	133.8	

Remedial Investigation (2025 and 2026) = 1(On-site (Scope 1) = 6.7%
< Component 2 > = 0% Grid Electricity Generation (Scope 2) = 0%
< Component 3 > = 0% Transportation (Scope 3a) = 19%
< Component 4 > = 0% Other Off-Site (Scope 3b) = 74.3%
< Component 5 > = 0%
< Component 6 > = 0%

NOx All Components = 133.8 lbs
NOx All Scopes = 133.8 lbs





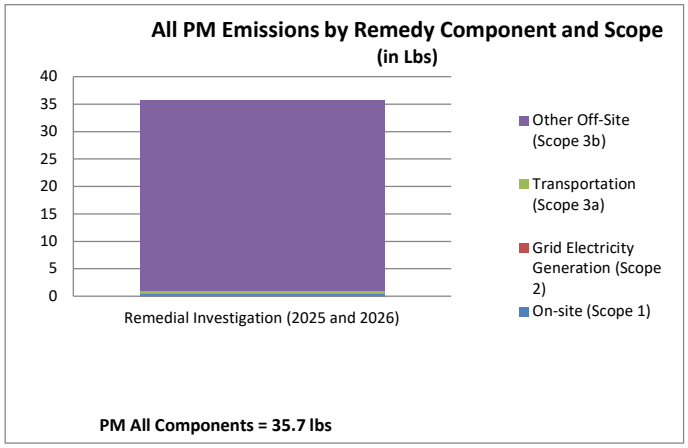


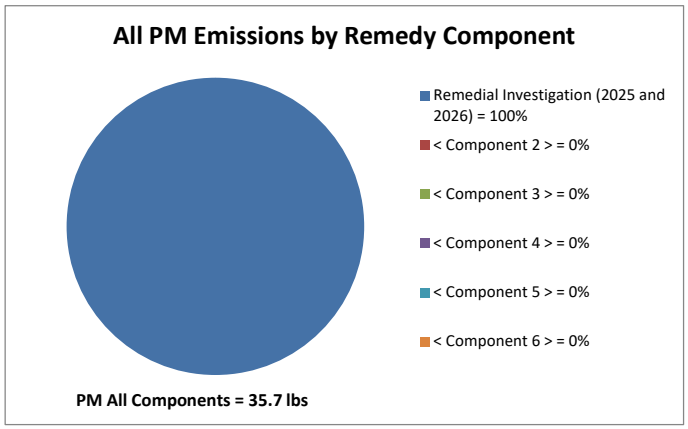
SOx lbs

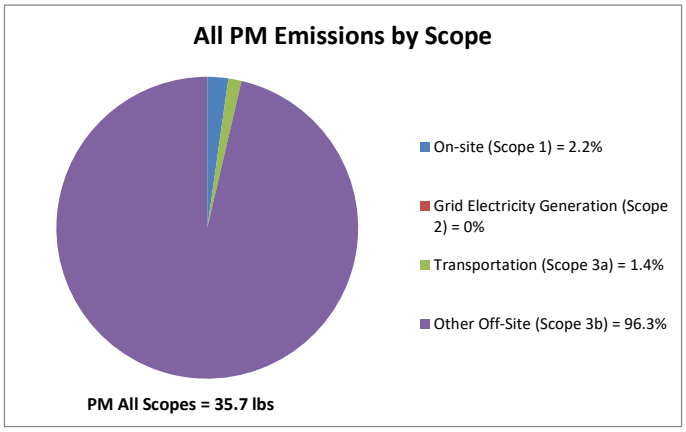
	Remedial I	< Compon	< Compon	< Compon	< Compon	< Compon	Total	
On-site (Scope 1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Generation (Scope 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	l Electricity
sportation (Scope 3a)	0.9	0.0	0.0	0.0	0.0	0.0	0.9	Tran
er Off-Site (Scope 3b)	227.8	0.0	0.0	0.0	0.0	0.0	227.8	Oth
Total	228.7	0.0	0.0	0.0	0.0	0.0	228.7	

Remedial Investigation (2025 and 2026) = 1(On-site (Scope 1) = 0%
< Component 2 > = 0% Grid Electricity Generation (Scope 2) = 0%
< Component 3 > = 0% Transportation (Scope 3a) = 0.4%
< Component 4 > = 0% Other Off-Site (Scope 3b) = 99.6%
< Component 5 > = 0%
< Component 6 > = 0%

SOx All Components = 228.7 lbs
SOx All Scopes = 228.7 lbs





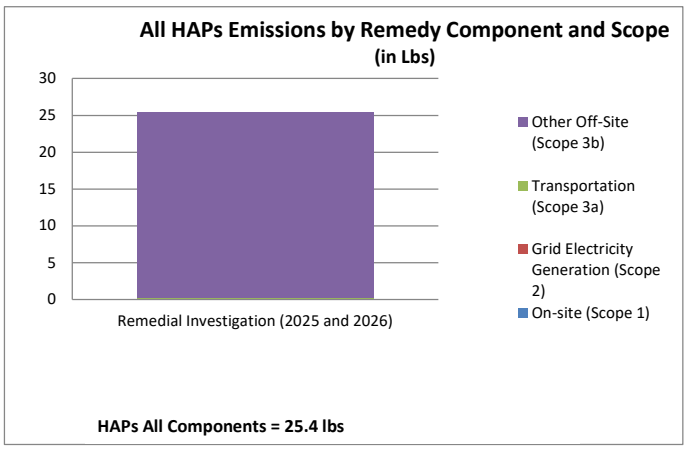


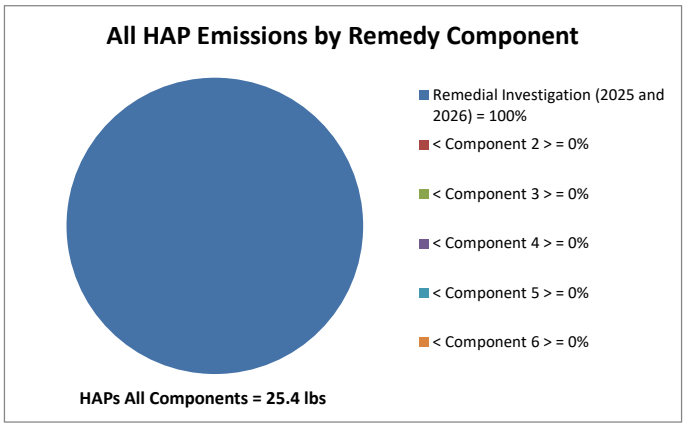
PM lbs

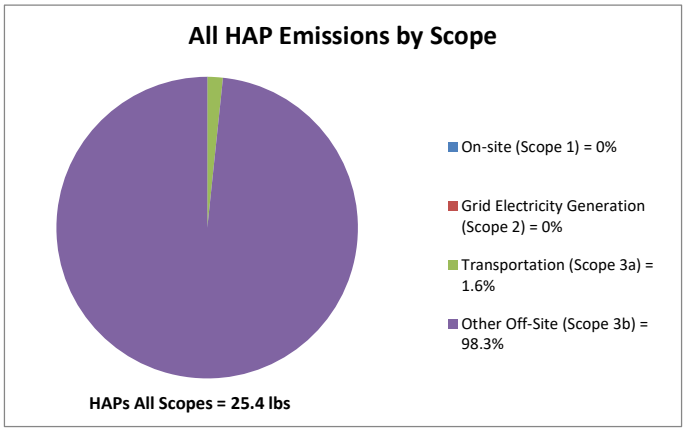
	Remedial I	< Compon	< Compon	< Compon	< Compon	< Compon	Total	
On-site (Scope 1)	0.8	0.0	0.0	0.0	0.0	0.0	0.8	
Generation (Scope 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Electricity
sportation (Scope 3a)	0.5	0.0	0.0	0.0	0.0	0.0	0.5	Tran
er Off-Site (Scope 3b)	34.4	0.0	0.0	0.0	0.0	0.0	34.4	Oth
Total	35.7	0.0	0.0	0.0	0.0	0.0	35.7	

Remedial Investigation (2025 and 2026) = 1(On-site (Scope 1) = 2.2%
< Component 2 > = 0% Grid Electricity Generation (Scope 2) = 0%
< Component 3 > = 0% Transportation (Scope 3a) = 1.4%
< Component 4 > = 0% Other Off-Site (Scope 3b) = 96.3%
< Component 5 > = 0%
< Component 6 > = 0%

PM All Components = 35.7 lbs
PM All Scopes = 35.7 lbs







HAPs
lbs

	Remedial I	< Compon	< Compon	< Compon	< Compon	< Compon	Total
On-site (Scope 1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Generation (Scope 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
sportation (Scope 3a)	0.4	0.0	0.0	0.0	0.0	0.0	0.4
er Off-Site (Scope 3b)	24.9	0.0	0.0	0.0	0.0	0.0	24.9
Total	25.4	0.0	0.0	0.0	0.0	0.0	25.4

Remedial Investigation (2025 and 2026) = 1(On-site (Scope 1) = 0%
< Component 2 > = 0% Grid Electricity Generation (Scope 2) = 0%
< Component 3 > = 0% Transportation (Scope 3a) = 1.6%
< Component 4 > = 0% Other Off-Site (Scope 3b) = 98.3%
< Component 5 > = 0%
< Component 6 > = 0%

HAPs All Components = 25.4 lbs
HAPs All Scopes = 25.4 lbs